

# **STANDARD PERMIT FOR ROCK AND CONCRETE CRUSHING**

## **Applewhite Cattle Co LLC Waco Concrete Crushing Plant**

### **Prepared By:**

Jay Lindholm  
Senior Consultant  
Sally Kicklighter  
Staff Consultant

### **TRINITY CONSULTANTS**

9737 Great Hills Trail, Suite 340  
Austin, Texas 78759  
(512) 567-8280

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# **1. INTRODUCTION**

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## **1.1 Facility Information**

Applewhite Cattle Co LLC (ACC) is requesting a permit to allow the construction of a new concrete crushing plant to be located in Waco, McLennon County, Texas. From the intersection of the North frontage road of IH35 and N Loop 340, travel north 0.22 miles to intersection with Research Ave. Turn left and continue onto Pecan Ave to plant entrance on the left. Applewhite is requesting a permanent Standard Air Quality Permit for Rock and Concrete Crushers for the Waco Concrete Crushing Plant. The site location is shown on the area map found in Appendix B of this document.

## **1.2 Purpose of Application**

ACC is providing this document to the Texas Commission on Environmental Quality (TCEQ) as an application for construction of a new source to operate a new concrete crushing plant. The facility will recycle waste concrete and produce an aggregate and recycled steel. The request for an air permit to construct is being made under the New Source Review (NSR) air permitting program as specified in 30 Texas Administrative Code (TAC) Chapter 116, Subchapter F. Specifically, this authorization is sought under the provisions of 30 TAC Section (§) 116.610 for Standard Air Permits.

## **1.3 Federal Applicability Review**

The Waco Concrete Crushing Plant is located in McLennon County, which is listed as attainment for all criteria pollutants. Therefore, new construction or physical and/or operational changes are potentially subject to Prevention of Significant Deterioration (PSD) permitting requirements. This application is requesting to construct a new facility with emissions which will remain below the significance level for PSD requirements. As a minor source, emission increases of 250 tpy would be required to trigger a PSD review. The increase in emissions proposed by this NSR application request is well below the 250 tpy threshold; therefore, this application does not trigger PSD permit requirements.

## **1.4 Facility Information**

The Waco Concrete Crushing Plant is located in McLennon County. The Standard Industrial Classification (SIC) code for crushed stone is 1422. The North American Industrial Classification System (NAICS) code is 212312. The facility is new and has no TCEQ designation at this time. The TCEQ Customer Number (CN) for Applewhite Cattle Co LLC is CN606187631 and the TCEQ Regulated Entity Number (RN) for the new site is pending following submittal of this application.

## **1.5 Registration Overview**

The following materials are included in this registration application to provide support for the authorization:

- A process description is included in Section 2;

- Emission rate calculations are discussed in Section 3;
- Standard Permit Regulatory Applicability are addressed in Section 4;
- Permit Fee determination is provided in Section 5;
- Appendix A contains completed TCEQ administrative forms, including the Form PI-1S, Core Data Form, Standard Permit Checklist, Standard Permit General Checklist, Table 17 and Table 29;
- Appendix B includes the area map, site map and process flow diagrams for the facility;
- Appendix C contains emission rate calculations; and
- Appendix D contains requirements for the Standard Permit for Rock Crushing Facilities.

## 2. PROCESS DESCRIPTION

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ACC is constructing a new crushed concrete plant that will produce a bull rock and inch and one-half aggregate for use in other construction products. Broken concrete will be delivered to the site by truck and placed in a storage pile (RMP-1). From the pile, materials will be loaded into the crusher hopper by front end loader or excavator. From the feeder hopper, materials are gravity fed into the crusher where the materials are ground into smaller sizes (C-1). Crushed materials are delivered to a deck screen (SC-1) via conveyor (BC-1). The crusher is controlled by water sprays on the inlet and outlet. The screen separates materials into different sizes. These include oversize materials, bull rock, fines, and small aggregates. The small aggregates pass through the screen and drop to conveyor belt BC-3 to be delivered to the aggregate product pile (PP-02). Bull rock is passed from the screen onto BC-5 for delivery to the bull rock pile (PP-01). The oversize materials drop to conveyor belt BC-2 which feeds into the secondary cone crusher (C-2). This crusher is also controlled by water sprays on the inlet and outlet. Crushed materials are dropped onto belt conveyor BC-4 which delivers materials back to BC-1 to reenter the deck screen. All material transfers, the screen deck, and the inlet and outlet of each crusher are controlled by water spray.

Stockpiled products are loaded into trucks via front end loader (T-009) for delivery to customers off-site. A process flow diagram is provided in Appendix B of this document.

### **3. EMISSION CALCULATIONS**

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This section includes a description of the method used to calculate emission rates associated with the added fugitive components. The emissions calculations have been submitted in Appendix C.

#### **3.1 Crushing and Screening**

Emissions from the crusher were determined by utilizing factors from RG-058 Rock Crushing Plants Table 6. A wet factor was used for the primary crusher and for the screening operation due to the use of water sprays at the inlet and outlet of these devices. In addition, the use of water sprays at all material transfer locations results in wet materials (i.e., materials greater than 1.5% moisture) prior to processing. No additional controls were assumed due to the use of this wet factor. The PM<sub>2.5</sub> factor was developed from the PM<sub>10</sub> factor by assuming a 15% value based on the ratio of the k factors provided in AP-42 13.2.4.3. Detailed calculations are provided in Appendix C.

#### **3.2 Emissions from Material Transfers**

Emissions from transferring materials to hoppers and belts or drops to piles may result in fugitive losses. To control these losses, transfer areas are equipped with water sprays and/or enclosed to the extent possible to minimize potential emissions. Losses from these material transfers are determined utilizing a material factor from Vol. 1, 5th Ed., AP-42, Section 11.19.2-2 (November 2006). All calculations are provided in Appendix C of this application.

#### **3.3 Emissions Due to Wind Erosion from Storage Piles**

Stockpile emissions due to wind erosion associated with the storage of the raw materials and final products were determined utilizing an equation from the TCEQ Rock Crushing Guidance Document RG-058 found in Table 5 of Section F. Emissions were determined for the active and inactive portions of the pile. The area of the active and inactive portions has been estimated based on current and future projected use. The calculated emissions determined for this source utilizing this methodology are included in Appendix C of this application.

#### **3.4 Emissions from Generator Engines**

Power to operate each of the facilities at this plant will be provided by Caterpillar portable diesel-fired electrical generator. The power requirement for this configuration is conservatively estimated utilizing two 450 HP generator engines. Emissions for these generators have been determined utilizing manufacturers emissions data for PM, NO<sub>x</sub>, CO, and VOCs. The SO<sub>2</sub> emissions estimates have been made utilizing an emissions factor from AP-42 5<sup>th</sup> Edition Section 3.3-1 for diesel fired engines. Detailed estimates for the engines are provided in Appendix C to this application.

## 4. STANDARD PERMIT GENERAL REQUIREMENTS

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The following information demonstrates that the applicable standard permit general requirements specified in 30 TAC §116.604 (1) and (2), §116.605(d)(1) and (2), §116.610, §116.611, §116.614 and §116.615 are met.

### **§116.604**

(1) The registration to use a standard permit is valid for a term not to exceed ten years.

**The Standard Permit will be renewed in 10 years.**

(2) The holder of a standard permit shall be required to renew the registration to use a standard permit by the date the registration expires. Any registration renewal shall include the requirements, as applicable, of §116.611 of this title (relating to Registration to Use a Standard Permit) and shall provide information determined by the commission to be necessary to demonstrate compliance with the requirements and conditions of the standard permit and with applicable state and federal regulations.

**A renewal application will be provided by the expiration date of this permit if required by TCEQ.**

### **§116.605(d)(1)**

(1) To remain authorized under the standard permit, a facility shall comply with an amendment to the standard permit on the later of either the deadline the commission provides in the amendment or the date the facility's registration to use the standard permit is required to be renewed. The commission may not require compliance with an amended standard permit within 24 months of its amendment unless it is necessary to protect public health.

**Should an amendment to this standard permit registration be issued, the facility will either amend the standard permit as required or submit a request of other authorization under the TCEQ rules present at the time the rule is issued within 24 months of the change being issued.**

### **§116.605(d)(2)**

(2) Before the date the facility is required to comply with the amendment, the standard permit, as it read before the amendment, applies to the facility.

**The facility will comply with the standard permit until any amendment or change in authorization is approved by TCEQ.**

### **§116.610(a)(1)**

(1) Any project that results in a net increase in emissions of air contaminants from the project other than water, nitrogen, ethane, hydrogen, oxygen, or greenhouse gases (GHGs) as defined in §101.1 of this title (relating to Definitions), or those for which a national ambient air quality standard has been established must meet the emission limitations of §106.261 of this title (relating to Facilities (Emission Limitations)), unless otherwise specified by a particular standard permit.

**The proposed project will comply with the emissions limitations of the standard permit requested. The proposed facilities will result in an increase in actual or allowable emissions as authorized by the referenced standard permit.**

**§116.610(a)(2)**

(2) Construction or operation of the project must be commenced prior to the effective date of a revision to this subchapter under which the project would no longer meet the requirements for a standard permit.

**The construction or operation of the permitted source addressed in this application will commence prior to the effective date of a revision of this standard permit under which the proposed project would no longer meet the requirements for the standard permit. Should such an amendment become effective prior to the construction of this project a new authorization will be obtained.**

**§116.610(a)(3)**

(3) The proposed project must comply with the applicable provisions of the Federal Clean Air Act (FCAA), §111 (concerning New Source Performance Standards) as listed under 40 Code of Federal Regulations (CFR) Part 60, promulgated by the United States Environmental Protection Agency (EPA).

**The proposed project is for the construction of a permanent rock and concrete crushing facility. The facilities will comply with NSPS 000 requirements.**

**§116.610(a)(4)**

(4) The proposed project must comply with the applicable provisions of FCAA, §112 (concerning Hazardous Air Pollutants) as listed under 40 CFR Part 61, promulgated by the EPA.

**The proposed project will have no applicable provisions of the Federal Clean Air Act (FCAA) Section 112 (Hazardous Air Pollutants) under 40 CFR 61.**

**§116.610(a)(5)**

(5) The proposed project must comply with the applicable maximum achievable control technology standards as listed under 40 CFR Part 63, promulgated by the EPA under FCAA, §112 or as listed under Chapter 113, Subchapter C of this title (relating to National Emissions Standards for Hazardous Air Pollutants for Source Categories (FCAA, §112, 40 CFR Part 63)).

**There are no applicable provisions of the Maximum Achievable Control Technology (MACT) standards under FCAA 40 CFR Part 63 for this facility.**

**§116.610(a)(6)**

(6) If subject to Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program) the proposed facility, group of facilities or account must obtain allocations to operate.

**The proposed project is located in McLennan County; therefore, this paragraph does not apply to this project.**

#### **§116.610(b)**

(b) Any project that constitutes a new major stationary source or major modification as defined in §116.12 of this title (relating to Nonattainment and Prevention of Significant Deterioration Review Definitions) because of emissions of air contaminants other than greenhouse gases is subject to the requirements of §116.110 of this title (relating to Applicability) rather than this subchapter. Notwithstanding any provision in any specific standard permit to the contrary, any project that constitutes a new major stationary source or major modification which is subject to Subchapter B, Division 6 of this chapter (relating to Prevention of Significant Deterioration Review) due solely to emissions of greenhouse gases may use a standard permit under this chapter for air contaminants that are not greenhouse gases.

**The proposed project does not constitute a new major source or major modification for Prevention of Significant Deterioration (PSD) or Nonattainment New Source Review (NNSR) permits. The proposed emissions are below the significance levels for PSD. Therefore, no Federal review is required.**

#### **§116.610(c)**

(c) Persons may not circumvent by artificial limitations the requirements of §116.110 of this title.

**The proposed project does not circumvent by artificial limitations the requirements of the §116.610 concerning applicability for a standard permit.**

#### **§116.610(d)**

(d) Any project involving a proposed affected source (as defined in §116.15(1) of this title (relating to Section 112(g) Definitions)) shall comply with all applicable requirements under Subchapter E of this chapter (relating to Hazardous Air Pollutants: Regulations Governing Constructed or Reconstructed Major Sources (FCAA, §112(g), 40 CFR Part 63)). Affected sources subject to Subchapter E of this chapter may use a standard permit under this subchapter only if the terms and conditions of the specific standard permit meet the requirements of Subchapter E of this chapter.

**The proposed project does not contain sources applicable to the provisions of §112(g), 40 CFR Part 63, or 30 TAC Chapter 116, Subchapter C. Therefore, this paragraph is not applicable to the proposed project.**

#### **§116.611**

(a) If required, registration to use a standard permit shall be sent by certified mail, return receipt requested, or hand delivered to the executive director, the appropriate commission regional office, and any local air pollution program with jurisdiction, before a standard permit can be used. The registration must be submitted on the required form and must document compliance with the requirements of this section, including, but not limited to:

- (1) The basis of emission estimates;
- (2) Quantification of all emission increases and decreases associated with the project being registered;
- (3) Sufficient information as may be necessary to demonstrate that the project will comply with §116.610(b) of this title (relating to Applicability);
- (4) Information that describes efforts to be taken to minimize any collateral emissions increases that will result from the project;

- (5) A description of the project and related process; and
- (6) A description of any equipment being installed.

**The registration information will be delivered to TCEQ and contain required forms, emissions estimates, maps, and discussion of the project and how compliance with all specified requirements is met.**

(b) Construction may begin any time after receipt of written notification from the executive director that there are no objections or 45 days after receipt by the executive director of the registration, whichever occurs first, except where a different time period is specified for a particular standard permit or the source obtains a prevention of significant deterioration permit for greenhouse gases as provided in §116.164(a) of this title (relating to Prevention of Significant Deterioration Applicability for Greenhouse Gases Sources).

**Construction of this facility as stated in this registration will not be conducted until a letter of notification is received from TCEQ.**

(c) In order to avoid applicability of Chapter 122 of this title (relating to Federal Operating Permits), a certified registration shall be submitted. The certified registration must state the maximum allowable emission rates and must include documentation of the basis of emission estimates and a written statement by the registrant certifying that the maximum emission rates listed on the registration reflect the reasonably anticipated maximums for operation of the facility. The certified registration shall be amended if the basis of the emission estimates changes or the maximum emission rates listed on the registration no longer reflect the reasonably anticipated maximums for operation of the facility. The certified registration shall be submitted to the executive director; to the appropriate commission regional office; and to all local air pollution control agencies having jurisdiction over the site. Certified registrations must also be maintained in accordance with the requirements of §116.115 of this title (relating to General and Special Conditions).

- (1) Certified registrations established prior to December 11, 2002, shall be submitted on or before February 3, 2003.
- (2) Certified registrations established on or after December 11, 2002, shall be submitted no later than the date of operation.
- (3) Certified registrations established for greenhouse gases (as defined in §101.1 of this title (relating to Definitions)) on or after the effective date of EPA's final action approving amendments to §122.122 of this title (relating to Potential to Emit) into the State Implementation Plan shall be submitted:
  - (A) For existing sites that emit or have the potential to emit greenhouse gases, no later than 12 months after the effective date of EPA's final action approving amendments to §122.122 of this title as a revision to the Federal Operating Permits Program; or
  - (B) For new sites that emit or have the potential to emit greenhouse gases, no later than the date of operation.

**The facility is a minor source and not applicable to Chapter 122 of the Texas Administrative Code. Therefore, this section does not apply to this facility.**

#### **§116.614**

Any person who registers to use a standard permit or an amended standard permit, or to renew a registration to use a standard permit shall remit, at the time of registration, a flat fee of \$900 for

each standard permit being registered, unless otherwise specified in a particular standard permit. No fee is required if a registration is automatically renewed by the commission. All standard permit fees will be remitted in the form of a check, certified check, electronic funds transfer, or money order made payable to the Texas Commission on Environmental Quality (TCEQ) and delivered with the permit registration to the TCEQ, P.O. Box 13088, MC 214, Austin, Texas 78711-3087. No fees will be refunded.

**A fee of \$900.00 will be provided as discussed in Section 5 of this registration below.**

**§116.615(1)**

(1) Protection of public health and welfare. The emissions from the facility, including dockside vessel emissions, must comply with all applicable rules and regulations of the commission adopted under Texas Health and Safety Code, Chapter 382, and with the intent of the Texas Clean Air Act (TCAA), including protection of health and property of the public.

**The proposed project will comply with all applicable rules and regulations of the commission adopted under Texas Health and Safety Code, Chapter 382, and with the intent of the Texas Clean Air Act (TCAA), including protection of health and property of the public.**

**§116.615(2)**

(2) Standard permit representations. All representations with regard to construction plans, operating procedures, and maximum emission rates in any registration for a standard permit become conditions upon which the facility or changes thereto, must be constructed and operated. It is unlawful for any person to vary from such representations if the change will affect that person's right to claim a standard permit under this section. Any change in condition such that a person is no longer eligible to claim a standard permit under this section requires proper authorization under §116.110 of this title (relating to Applicability). If the facility remains eligible for a standard permit, the owner or operator of the facility shall notify the executive director of any change in conditions which will result in a change in the method of control of emissions, a change in the character of the emissions, or an increase in the discharge of the various emissions as compared to the representations in the original registration or any previous notification of a change in representations. Notice of changes in representations must be received by the executive director no later than 30 days after the change.

**All representations with regard to construction plans, operating procedures, and maximum emission rates within this application will become conditions upon which the facility or changes thereto, will be constructed and operated. A notification will be made to TCEQ of any change in conditions, which will result in a change in the method of control of emissions, a change in the character of emissions, or an increase in the discharge of the various emissions as compared to the representations in this registration. Notice of any change will be received by the executive director within 30 days of making the change.**

**§116.615(3)**

(3) Standard permit in lieu of permit amendment. All changes authorized by standard permit to a facility previously permitted under §116.110 of this title shall be administratively incorporated into that facility's permit at such time as the permit is amended or renewed.

**Should this standard permit still be active at the time of the next standard permit renewal or amendment, any changes authorized will be rolled into that permit which was issued under §116.110.**

**§116.615(4)**

(4) Construction progress. Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office not later than 15 working days after occurrence of the event, except where a different time period is specified for a particular standard permit.

**Start of construction, construction interruptions exceeding 45 days, and completion of construction will be reported to the appropriate regional office within 15 working days after the event occurs.**

**§116.615(5)(A)**

(A) The appropriate air program regional office of the commission and any other air pollution control agency having jurisdiction shall be notified prior to the commencement of operations of the facilities authorized by a standard permit in such a manner that a representative of the executive director may be present.

**The appropriate air program regional office of the commission and any other air pollution control agency having jurisdiction will be notified prior to the commencement of operations of the facilities authorized by the standard permit in such a manner that a representative of the executive director may be present.**

**§116.615(5)(B)**

(B) For phased construction, which may involve a series of units commencing operations at different times, the owner or operator of the facility shall provide separate notification for the commencement of operations for each unit.

**This project will not involve any phased construction; therefore, this paragraph does not apply to this project.**

**§116.615(5)(C)**

(C) Prior to beginning operations of the facilities authorized by the permit, the permit holder shall identify to the Office of Permitting, Remediation, and Registration, the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program).

**This facility is located in McLennon County which is not a listed county regulated by Chapter 101, Subchapter H, Division 3; therefore, this paragraph does not apply to this facility.**

**§116.615(5)(D)**

(D) A particular standard permit may modify start-up notification requirements.

**This facility will follow the applicable start-notification requirements under the standard permit registration.**

#### **§116.615(6)**

(6) Sampling requirements. If sampling of stacks or process vents is required, the standard permit holder shall contact the commission's appropriate regional office and any other air pollution control agency having jurisdiction prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The standard permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant.

**This facility will not have any stack testing requirements. Therefore, this paragraph is not applicable to this facility.**

#### **§116.615(7)**

(7) Equivalency of methods. The standard permit holder shall demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the standard permit. Alternative methods must be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the standard permit.

**The proposed facility is not requesting any alternative control methods or sampling methodology. Therefore, this paragraph is not applicable to this facility.**

#### **§116.615(8)**

(8) Recordkeeping. A copy of the standard permit along with information and data sufficient to demonstrate applicability of and compliance with the standard permit shall be maintained in a file at the plant site and made available at the request of representatives of the executive director, the United States Environmental Protection Agency, or any air pollution control agency having jurisdiction. For facilities that normally operate unattended, this information shall be maintained at the nearest staffed location within Texas specified by the standard permit holder in the standard permit registration. This information must include, but is not limited to, production records and operating hours. Additional recordkeeping requirements may be specified in the conditions of the standard permit. Information and data sufficient to demonstrate applicability of and compliance with the standard permit must be retained for at least two years following the date that the information or data is obtained. The copy of the standard permit must be maintained as a permanent record.

**A copy of the standard permit along with information and data sufficient to demonstrate applicability of and compliance with the standard permit will be kept at the site and made available to representatives of the executive director, the EPA, or any air pollution control agency having jurisdiction. This information must include, but is not limited to, emissions event reporting, MSS reporting and recordkeeping requirements, production rate for each hour and day of operation, all repairs and maintenance of abatement systems, MSDS sheets for all additives and other chemicals, road and work area cleaning and dust suppression logs, and stockpile dust suppression logs, and quarterly visible emissions observations. These records will be kept for a period of two years following the date the information was obtained. A copy of the standard permit will be maintained as a permanent record.**

#### **§116.615(9)**

(9) Maintenance of emission control. The facilities covered by the standard permit may not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. Notification for emissions events and scheduled maintenance shall be made in accordance with §101.201 and §101.211 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; and Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements).

**The facilities covered by this standard permit may not be operated unless all pollution control equipment is maintained in good working order and operated properly during normal facility operations. Notification for emissions events and scheduled maintenance shall be made in accordance with §101.201 and §101.211 (relating to Emissions Event Reporting Requirements; and Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping).**

#### **§116.615(10)**

(10) Compliance with rules. Registration of a standard permit by a standard permit applicant constitutes an acknowledgment and agreement that the holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the claiming of the standard permit. If more than one state or federal rule or regulation or permit condition are applicable, the most stringent limit or condition shall govern. Acceptance includes consent to the entrance of commission employees and designated representatives of any air pollution control agency having jurisdiction into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the standard permit.

**Registration of this standard permit constitutes acknowledgement and agreement that the holder will comply with all rules, regulations and orders of the commission issued in conformity with the TCAA and the conditions precedent to the claiming of the standard permit. Acceptance includes consent to the entrance of commission employees and designated representatives of any air pollution control agency having jurisdiction into the permitted premises at reasonable times to investigate conditions and relating to the emission or concentration of air contaminants, including compliance with the standard permit.**

#### **§116.615(11)**

(11) Distance limitations, setbacks, and buffer zones. Notwithstanding any requirement in any standard permit, if a standard permit for a facility requires a distance, setback, or buffer from other property or structures as a condition of the permit, the determination of whether the distance, setback, or buffer is satisfied shall be made based on conditions existing at the earlier of:

- (A) The date new construction, expansion, or modification of a facility begins; or
- (B) The date any application or notice of intent is first filed with the commission to obtain approval for the construction or operation of the facility.

**The facility will be operated at a distance greater than 200 feet to any property line and over 440 yards from any residence, school, or place of worship existing at the time of submittal of this application. In addition, all stockpiles will be maintained 100 feet from any property line.**

## **5. PERMIT FEE DETERMINATION**

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As stated in 30 TAC §116.114, "Any person who registers to use a standard permit or an amended standard permit, or to renew a registration to use a standard permit shall remit, at the time of registration, a flat fee of \$900 for each standard permit being registered, unless otherwise specified in a particular standard permit."

The required \$900.00 application fee is being paid at the time of submittal of this application to TCEQ via STEERS and ePay.

## **APPENDIX A. TCEQ FORMS**

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The following documents are included in this appendix:

- PI-1S Standard Permit Registration Form;
- Core Data Form
- Rock Crusher Standard Permit Checklist;
- Table 17; and
- Table 29.

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

<b>I. Registrant Information</b>
A. Company or Other Legal Customer Name:
Applewhite Cattle Co LLC
B. Company Official Contact Information ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:)
Name: Tre Leoni
Title: President
Mailing Address: 5415 McKinney Falls Parkway
City: Austin
State: Texas
ZIP Code: 78744
Telephone No.: 840-241-2955
Fax No.:
Email Address: tleoni@wpmcivil.com
<i>All permit correspondence will be sent via email.</i>
C. Technical Contact Information ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:)
Name: Jay Lindholm
Title: Project Manager
Company Name: Trinity Consultants, Inc.
Mailing Address: 9737 Great Hills Trail, Suite 340
City: Austin
State: Texas
ZIP Code: 78759
Telephone No.: 512-567-8280
Fax No.:
Email Address: jay.lindholm@trinityconsultants.com
<b>II. Facility and Site Information</b>
A. Name and Type of Facility
Facility Name: Applewhite Cattle Waco Concrete Crushing Plant
Type of Facility: <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary

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

<b>II. Facility and Site Information (<i>continued</i>)</b>
For portable units, please provide the serial number of the equipment being authorized below.
Serial No(s):
<b>B. Facility Location Information</b>
Street Address:
If there is no street address, provide written driving directions to the site and provide the closest city or town, county, and ZIP code for the site (attach description if additional space is needed).
From the intersection of the North frontage road of IH35 and N Loop 340, travel north 0.22 miles to intersection with
Research Ave. Turn left and continue onto Pecan Ave to plant entrance on the left.
City: Waco
County: McLennon
ZIP Code: 76705
<b>C. Core Data Form (<b>required</b> for Standard Permits 6006, 6007, and 6013).</b>
Is the Core Data Form (TCEQ Form 10400) attached? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
Customer Reference Number (CN): CN606187631
Regulated Entity Number (RN): TBD
<b>D. TCEQ Account Identification Number (if known):</b>
<b>E. Type of Action</b>
<input checked="" type="checkbox"/> Initial Application <input type="checkbox"/> Change to Registration <input type="checkbox"/> Renewal <input type="checkbox"/> Renewal Certification
For Change to Registration, Renewal, or Renewal Certification actions provide the following:
Registration Number:
Expiration Date:
<b>F. Standard Permit Claimed: 6013</b>
<b>G. Previous Standard Exemption or PBR Registration Number:</b>
Is this authorization for a change to an existing facility previously authorized under a standard exemption or PBR? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
If "Yes," enter previous standard exemption number(s) and PBR registration number(s) and associated effective date in the spaces provided below.

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<b>II. Facility and Site Information (<i>continued</i>)</b>
<b>H. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit</b>
Are there any other facilities at this site that are authorized by an Air Standard Exemption, PBR, or Standard Permit? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
If "Yes," enter standard exemption number(s), PBR registration number(s), and Standard Permit registration number(s), and associated effective date in the spaces provided below.
Standard Exemption, PBR Registration, and Standard Permit Registration Number(s) and Effective Date(s)
<b>I. Other Air Preconstruction Permits</b>
Are there any other air preconstruction permits at this site? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
If "Yes," enter permit number(s) in the spaces provided below.
<b>J. Affected Air Preconstruction Permits</b>
Does the standard permit directly affect any permitted facility? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
If "Yes," enter permit number(s) in the spaces provided below.
<b>K. Federal Operating Permit (FOP) Requirements</b>
Is this facility located at a site that is required to obtain a FOP pursuant to 30 TAC Chapter 122? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> To Be Determined</span>
Check the requirements of 30 TAC Chapter 122 that will be triggered if this standard permit is approved ( <i>check all that apply</i> ).
<input type="checkbox"/> Initial Application for a FOP <input type="checkbox"/> Significant Revision for a SOP <input type="checkbox"/> Minor Revision for a SOP
<input type="checkbox"/> Operational Flexibility/Off Permit Notification for a SOP <input type="checkbox"/> Revision for a GOP
<input type="checkbox"/> To be Determined <input checked="" type="checkbox"/> None
Identify the type(s) of FOP issued and/or FOP application(s) submitted/pending for the site. ( <i>check all that apply</i> )
<input type="checkbox"/> SOP <input type="checkbox"/> GOP <input type="checkbox"/> GOP application/revision (submitted or under APD review) <input type="checkbox"/> N/A
<input type="checkbox"/> SOP application/revision (submitted or under APD review)

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**Registrations for Air Standard Permit**  
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<b>III. Fee Information (go to <a href="http://www.tceq.texas.gov/epay">www.tceq.texas.gov/epay</a> to pay online)</b>
A. Fee Amount: \$900.00
B. Voucher number from ePay:
<b>IV. Public Notice (if applicable)</b>
A. Responsible Person ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:)
Name: Tre Leoni
Title: President
Company: Applewhite Cattle Co LLC
Mailing Address: 5415 McKinney Falls Parkway
City: Austin
State: Texas
ZIP Code: 78744
Telephone No.: 840-241-2955
Fax No.:
Email Address: tleoni@wpmcivil.com
B. Technical Contact ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:)
Name: Jay Lindholm
Title: Project Manager
Company: Trinity Consultants, Inc.
Mailing Address: 9737 Great Hills Trail, Suite 340
City: Austin
State: Texas
ZIP Code: 78759
Telephone No.: 512-567-8280
Fax No.:
Email Address: jay.lindholm@trinityconsultants.com
C. Bilingual Notice
Is a bilingual program required by the Texas Education Code in the School District? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>
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? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>

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<b>IV. Public Notice (<i>continued</i>) (if applicable) (continued)</b>
If "Yes," list which language(s) are required by the bilingual program below?
Spanish
<b>D. Small Business Classification and Alternate Public Notice</b>
Does this company (including parent companies and subsidiary companies) have fewer than 100 employees or less than \$6 million in annual gross receipts? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
Is the site a major source under 30 TAC Chapter 122, Federal Operating Permit Program? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
Are the site emissions of any individual regulated air contaminant equal to or greater than 50 tpy? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
Are the site emissions of all regulated air contaminant combined equal to or greater than 75 tpy? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>
<b>V. Renewal Certification Option</b>
A. Does the permitted facility emit an air contaminant on the Air Pollutant Watch List, and is the permitted facility located in an area on the watch list? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
B. For facilities participating in the Houston/Galveston/Brazoria area (HGB) cap and trade program for highly reactive VOCs (HRVOCs), do the HRVOCs need to be speciated on the maximum allowable emission rates table (MAERT)? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
C. Does the company and/or site have an unsatisfactory compliance history? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
D. Are there any applications currently under review for this standard permit registration? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
E. Are scheduled maintenance, startup, or shutdown emissions required to be included in the standard permit registration at this time? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
F. Are any of the following actions being requested at the time of renewal: <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
1. Are there any facilities that have been permanently shutdown that are proposed to be removed from the standard permit registration? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
2. Do changes need to be made to the standard permit registration in order to remain in compliance? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
3. Are sources or facilities that have always been present and represented, but never identified in the standard permit registration, proposed to be included with this renewal? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
4. Are there any changes to the current emission rates table being proposed? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span>
<i>Note: If answers to all of the questions in Section V. Renewal Certification Option are "No," use the certification option and skip to Section VII. of this form. If the answers to any of the questions in Section V. Renewal Certification Option are "Yes," the certification option <b>cannot</b> be used.</i>
*If notice is applicable and comments are received in response to the public notice, the application does not qualify for the renewal certification option.

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**Registrations for Air Standard Permit**  
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**VI. Technical Information Including State and Federal Regulatory Requirements**

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

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

A. Standard Permit requirements  
(Checklists are optional; however, your review will go faster if you provide applicable checklists.)

Did you demonstrate that the general requirements in 30 TAC Sections 116.610 and 116.615 are met? ☒ Yes ☐ No

Did you demonstrate that the individual requirements of the specific standard permit are met? ☒ Yes ☐ No

B. Confidential Information (All pages properly marked "CONFIDENTIAL"). ☐ Yes ☒ No

C. Process Flow Diagram. ☒ Yes ☐ No

D. Process Description. ☒ Yes ☐ No

E. Maximum Emissions Data and Calculations. ☒ Yes ☐ No

F. Plot Plan. ☒ Yes ☐ No

G. Projected Start Of Construction Date, Start Of Operation Date, and Length of Time at Site: ☒ Yes ☐ No

Projected Start of Construction (provide date): 03/01/2025

Projected Start of Operation (provide date): 03/15/2025

Length of Time at the Site: Permanent

**VII. Delinquent Fees and Penalties**

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

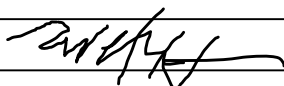
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**VIII. Signature Requirements**

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

Name (printed): Tre Leoni

Signature (original signature required):



Date: 1-15-25

**IX. Copies of the Registration**

The PI-1S application must be submitted through ePermits. No additional copies need to be sent to the Regional Office or local Air Pollution Control Program(s). The link to ePermits can be found here:

[www3.tceq.texas.gov/steers/](http://www3.tceq.texas.gov/steers/).



TCEQ Use Only

# TCEQ Core Data Form

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

## SECTION I: General Information

<b>1. Reason for Submission</b> (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
<b>2. Customer Reference Number (if issued)</b>		<b>3. Regulated Entity Reference Number (if issued)</b>
CN CN606187631		RN TBD

[Follow this link to search for CN or RN numbers in Central Registry\\*\\*](#)

## SECTION II: Customer Information

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

## SECTION III: Regulated Entity Information

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

23. Street Address of the Regulated Entity: (No PO Boxes)							
	City		State	TX	ZIP	76705	ZIP + 4
24. County	McLennan						
Enter Physical Location Description if no street address is provided.							
25. Description to Physical Location:	From the intersection of the North frontage road of IH35 and N Loop 340, travel north 0.22 miles to intersection with Research Ave. Turn left and continue onto Pecan Ave to plant entrance on the left.						
26. Nearest City					State	Nearest ZIP Code	
Waco					TX	76705	
27. Latitude (N) In Decimal:				28. Longitude (W) In Decimal:			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
31	36	38.82	97	06	16.15		
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)		
1422			212312				
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
Crushed Concrete aggregate production							
34. Mailing Address:	5415 McKinney Falls Parkway						
	City	Austin	State	TX	ZIP	78744	ZIP + 4
35. E-Mail Address:	tleoni@wpmcivil.com						
36. Telephone Number		37. Extension or Code			38. Fax Number (if applicable)		
( ) -					( ) -		

**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.

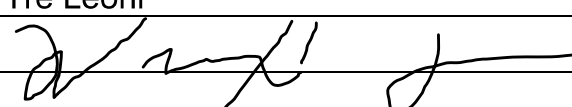
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input checked="" type="checkbox"/> New Source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

#### SECTION IV: Preparer Information

40. Name:	Jay Lindholm	41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 567 - 8280		( ) -	jay.lindholm@trinityconsultants.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:	Applewhite Cattle Co LLC	Job Title:	President
Name(In Print) :	Tre Leoni	Phone:	(810) 241 - 2955
Signature:		Date:	1-15-25



**Texas Commission on Environmental Quality**  
**Air Quality Standard Permit for Permanent Rock and Concrete Crushers**  
**Registration Checklist**

The following checklist has been developed to help the Texas Commission Environmental Quality (TCEQ), Air Permits Division (APD) confirm that the permanent rock or concrete crusher meets the standard permit requirements. Please read all questions and check “YES,” “NO,” or “N/A” or give specific information for the facility. If the permanent rock or concrete crusher plant does not meet all conditions of this standard permit, it will not be allowed to operate under the standard permit and must apply for a case-by-case preconstruction permit as required under Title 30 Texas Administrative Code § 116.111 (30 TAC § 116.111).

<b>Please Check The Type of Facility:</b> <span style="margin-left: 100px;"><input type="checkbox"/> Rock Crusher</span> <span style="margin-left: 20px;"><input checked="" type="checkbox"/> Concrete Crusher</span>		
<b>CONDITION NUMBER AND DESCRIPTION</b>		
(1)(B)	<p>If crushing concrete, will the concrete crushing facility be operated at least 440 yards from any building which is in use as a single or multi-family residence, school, or place of worship at the time this application is filed?</p> <p>(The measurement of distance shall be taken from the point on the concrete crushing facility that is nearest to the residence, school, or place of worship toward the point on the building in use as a residence, school, or place of worship that is nearest the concrete crushing facility.)</p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(1)(C)(ii)	<p>In lieu of meeting the distance requirements of (1)(B), will the structure(s) within 440 yards of the concrete crushing facilities be occupied or used solely by the owner of the facility or the owner of the property upon which the facility is located?</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(1)(D)	<p>In lieu of meeting the distance requirements in (1)(B), will all the following occur:</p>	
(1)(D)(i)	<p>Will this plant be engaged in crushing concrete and other materials resulting from the demolition of a structure on this site and will the concrete and other materials being crushed be used primarily at this site?</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(1)(D)(ii)	<p>Will this plant operate onsite for one period of 180 calendar days or less?</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(1)(D)(iii)	<p>Will all applicable conditions stated in commission rules, including operating conditions be met?</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(1)(D)(iv)	<p>Will the plant be located in a county with a population of 2.4 million or more persons, or in a county adjacent to such a county?</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
(1)(E)	<p>Do you intend to apply for an authorization under Texas Health and Safety Code (THSC) § 382.0518, Preconstruction Permit, for any other crushing facility to be located at the same site within 12 months from the date of this authorization?</p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A



## Air Quality Standard Permit for Permanent Rock and Concrete Crushers Registration Checklist

<b>Please Check The Type of Facility:</b> <span style="margin-left: 100px;"><input type="checkbox"/> Rock Crusher</span> <span style="margin-left: 20px;"><input checked="" type="checkbox"/> Concrete Crusher</span>		
<b>CONDITION NUMBER AND DESCRIPTION</b> <i>(continued)</i>		
(1)(F)	<p>Is there a rock crusher (or concrete crusher) authorized under Texas Health and Safety Code (THSC) § 382.0518, Preconstruction Permit, at this site?</p> <p style="margin-top: 10px;">Have you withdrawn, within the previous 12 months, an application for authorization of a crushing facility under (THSC) § 382.0518, Preconstruction Permit, at this site?</p>	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p style="margin-top: 10px;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(1)(G)	<p>Are the current registration form PI-1S entitled, "Registration for an Air Standard Permit", Table 17 and supporting information attached or mailed to the TCEQ, including Table 29 (if applicable), control devices and methods explanation, process flow diagram, process description, plot plan, and area map?</p> <p style="margin-top: 10px;">Is the company's compliance history rating poor?</p>	<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p style="margin-top: 10px;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(1)(H)	<p>Has construction and/or operation begun on the facility?</p> <p style="margin-top: 10px;">Is there a non operational crusher stored onsite?</p>	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p style="margin-top: 10px;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(1)(I)	<p>In accordance with 30 TAC § 116.614, Standard Permit Fees, was a \$900 fee sent to TCEQ Revenue Section?</p>	<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(1)(J)	<p>Will all facilities associated with this application for a standard permit comply with the conditions of Title 40 Code of Federal Regulations (40 CFR) Part 60, Subpart A, General Provisions and Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants?</p>	<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(1)(K)	<p>Will these crushing facilities only process nonmetallic minerals or a combination of nonmetallic minerals as described in 40 CFR Part 60, Subpart OOO?</p>	<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(1)(L)	<p>Is 30 TAC Chapter 101, Subchapter H, Division 3, Mass Emissions Cap and Trade Program; or 30 TAC Chapter 117, Control of Air Pollution from Nitrogen Compounds applicable to this plant?</p>	<p><input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A</p>
(1)(M)	<p>Will written records be kept for a rolling 24-month period at the site and made available at the request of any personnel from the TCEQ or any air pollution control program having jurisdiction?</p> <p style="margin-top: 10px;">Will these written records be maintained onsite to show daily hourly operations and hourly throughput; road and work area cleaning and dust suppression logs; and stockpile dust suppression logs?</p>	<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p style="margin-top: 10px;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>



## Air Quality Standard Permit for Permanent Rock and Concrete Crushers Registration Checklist

<b>Please Check The Type of Facility:</b> <span style="margin-left: 100px;"><input type="checkbox"/> Rock Crusher</span> <span style="margin-left: 20px;"><input checked="" type="checkbox"/> Concrete Crusher</span>		
<b>CONDITION NUMBER AND DESCRIPTION (<i>continued</i>)</b>		
(1)(N)	Will this crushing operation and related activities comply with applicable requirements of 30 TAC Chapter 101, Subchapter F, Emission Events and Scheduled Maintenance, Startup, and Shutdown Activities?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
(1)(P)	Have maintenance emissions been authorized? (Maintenance emissions are not included in this permit and must be approved under separate authorization.)  Have start-up and shutdown emissions been authorized? (Start-up and shutdown emissions that will exceed those expected during production operations must be approved under separate authorization.)  Will start-up and shutdown emissions exceed those expected during production operations?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
(1)(Q)	Do you intend to authorize any facilities located at the same site as this rock crusher, by 30 TAC Chapter 106, Subchapter E, Aggregate and Pavement or 30 TAC § 106.512, Stationary Engines and Turbines?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
<b>PUBLIC NOTICE REQUIREMENTS - Detailed Public Notice Information will be Sent upon Determination of Technical Completeness</b>		
(2)(B)(i)	Will public notice be published no later than 30 days after the application is determined to be technically complete?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<b>OPERATIONAL REQUIREMENTS</b>		
(3)(A)	Will the primary crusher throughput exceed 200 tons per hour?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
(3)(B)	Will the crusher and all associated facilities, including engines and/or generator sets, but not including associated sources, be located less than 200 feet from the nearest property line, as measured from the point on the facility nearest the property line?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
(3)(C)	At the time this application is filed, will the crusher and all associated facilities, including engines and/or generator sets, but not including associated sources, be located at least 440 yards from any building which is in use as a single or multi-family residence, school, or place of worship?  (Distance shall be measured from the point on the facility nearest the residence, school, or place of worship to the point on the residence, school, or place of worship nearest the facility).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



## Air Quality Standard Permit for Permanent Rock and Concrete Crushers Registration Checklist

<b>Please Check The Type of Facility:</b> <span style="margin-left: 100px;"><input type="checkbox"/> Rock Crusher</span> <span style="margin-left: 20px;"><input checked="" type="checkbox"/> Concrete Crusher</span>		
<b>OPERATIONAL REQUIREMENTS <i>(continued)</i></b>		
(3)(D)	<p>Will the crushing facilities (not including associated sources) be located at least 550 feet from any other rock crusher, concrete crusher, concrete batch plant, or hot mix asphalt plant?</p> <p style="margin-top: 10px;">Will the crusher operate at the same time as any other rock crusher, concrete batch plant, or hot mix asphalt plant within a 550 feet radius?</p>	<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p style="margin-top: 10px;"><input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A</p>
(3)(E)	<p>Will all associated sources, including but not limited to work areas, stockpiles, and roads (except for incidental traffic and the entrance and exit to the site), be located at least 100 ft. from the property line?</p>	<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(3)(F)	<p>Will this crushing operation consist of any additional facilities other than one primary crusher, one secondary crusher, one vibrating grizzly, two screens, any conveyors, and one internal combustion engine (or combination of engines) of no more than 1,000 total horsepower?</p> <p style="margin-top: 10px;">(Equipment that is not a source of emissions does not require authorization.)</p>	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(3)(G)	<p>Will any of the crushers, associated facilities, and/or associated sources (excluding stockpiles) exceed 2,640 operating hours in any rolling 12-month period?</p>	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(3)(H)	<p>Will any of the rock crusher/ concrete crusher or associated facilities operate during any time between one hour after official sunset to one hour before official sunrise?</p>	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(3)(I)	<p>Will all crushers be equipped with runtime meters and will the runtime meters be operating during crushing operations?</p>	<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(3)(J)	<p>Will permanently mounted spray bars be installed at the inlet and outlet of all crushers, at all shaker screens, and at all material transfer points and used as necessary to maintain compliance with all TCEQ rules and regulations?</p>	<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(3)(K)	<p>Will opacity of emissions from any transfer point on belt conveyors or any screen exceed 10 percent, averaged over a six-minute period as determined using EPA Test Method 9?</p> <p style="margin-top: 10px;">Will opacity of emissions from any crusher exceed 15 percent, averaged over a six-minute period as determined using EPA Test Method 9?</p>	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p style="margin-top: 10px;"><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p>
(3)(L)	<p>Will visible emissions leave the property for more than 30 seconds in duration in any six-minute period from the crusher(s), associated facilities, associated sources, and in-plant roads associated with the plant as determined using EPA Test Method 22?</p>	<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p>



## Air Quality Standard Permit for Permanent Rock and Concrete Crushers Registration Checklist

<b>Please Check The Type of Facility:</b> <input type="checkbox"/> Rock Crusher <input checked="" type="checkbox"/> Concrete Crusher	
<b>OPERATIONAL REQUIREMENTS <i>(continued)</i></b>	
(3)(M)	Will all in-plant roads and active work areas that are associated with the operation of the crusher, associated facilities, and associated sources be treated at all times with any of the following:
(3)(M)(i)	Covered with a material such as, but not limited to roofing shingles or tire chips? <span style="float: right;"> <input type="checkbox"/> YES           <input type="checkbox"/> NO           <input checked="" type="checkbox"/> N/A         </span>
(3)(M)(ii)	Dust-suppressant chemicals? <span style="float: right;"> <input type="checkbox"/> YES           <input type="checkbox"/> NO           <input checked="" type="checkbox"/> N/A         </span>
(3)(M)(iii)	Water? <span style="float: right;"> <input checked="" type="checkbox"/> YES           <input type="checkbox"/> NO           <input type="checkbox"/> N/A         </span>
(3)(M)(iv)	Paved with a cohesive hard surface that is maintained intact and cleaned? <span style="float: right;"> <input type="checkbox"/> YES           <input type="checkbox"/> NO           <input checked="" type="checkbox"/> N/A         </span>
(3)(N)	Will all stockpiles be sprinkled with water, dust-suppressant chemicals, or covered, as necessary, to minimize dust emissions? <span style="float: right;"> <input checked="" type="checkbox"/> YES           <input type="checkbox"/> NO           <input type="checkbox"/> N/A         </span>
(3)(O)	Will raw material and product stockpile heights exceed 45 ft? <span style="float: right;"> <input type="checkbox"/> YES           <input checked="" type="checkbox"/> NO           <input type="checkbox"/> N/A         </span>
(3)(P)	Will the crusher be equipped with a weigh hopper or scale belt that accurately determines the mass of material being crushed? <span style="float: right;"> <input checked="" type="checkbox"/> YES           <input type="checkbox"/> NO           <input type="checkbox"/> N/A         </span>
(3)(Q)	Will the crusher remain at least 440 yards from any existing residence, school, or place of worship when moving to a different location onsite? <span style="float: right;"> <input checked="" type="checkbox"/> YES           <input type="checkbox"/> NO           <input type="checkbox"/> N/A         </span>



Texas Commission on Environment Quality

Table 17  
Rock Crushers

<b>Please Complete the Following</b>				
Maximum operating schedule:	10	hours/day	5.28	days/week
			50	weeks/year
Does the facility operate at night?				<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>Maximum Plant Production Rates:</b>				
<input checked="" type="checkbox"/> Primary Crusher	Type: Impact	200	tons/hour	528000 tons/year
<input checked="" type="checkbox"/> Secondary Crusher(s)	Type: Cone	200	tons/hour	528000 tons/year
<input type="checkbox"/> Tertiary Crusher(s)	Type:		tons/hour	tons/year
<b>The Following Pieces of Equipment will be Controlled as Shown:</b>				
Feed Hoppers:	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Water Spray	<input type="checkbox"/> Suction to Baghouse	<input type="checkbox"/> Other:_____
All Belt Transfer Points:	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Water Spray	<input type="checkbox"/> Suction to Baghouse	<input type="checkbox"/> Other:_____
Inlet of all Crushers:	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Water Spray	<input type="checkbox"/> Suction to Baghouse	<input type="checkbox"/> Other:_____
Outlet of all Crushers:	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Water Spray	<input type="checkbox"/> Suction to Baghouse	<input type="checkbox"/> Other:_____
All Shaker Screens:	<input type="checkbox"/> None	<input checked="" type="checkbox"/> Water Spray	<input type="checkbox"/> Suction to Baghouse	<input type="checkbox"/> Other:_____
<b>If Water Sprays are used, Provide the Following Data:</b>				
Water Flow Rate (gpm): 3				
Water Pressure at the Nozzle (psi): 30				
Number of Nozzles at each location: 1-3				
<i>If baghouse is used, attach a Table 11 "Fabric Filters."</i>				
Average material moisture content (%): 1.5				
Maximum acreage covered by stockpiles (acres): 5				
Stockpiles have the following controls:		<input type="checkbox"/> None	<input checked="" type="checkbox"/> Water	<input type="checkbox"/> Chemical
In-plant roads will be:		<input type="checkbox"/> Paved and Vacuumed	<input type="checkbox"/> Paved and Swept	<input type="checkbox"/> Oiled
<input checked="" type="checkbox"/> Sprinkled with Water and/or Chemicals		<input type="checkbox"/> Other:_____		

PRINT FORM

RESET FORM

**Texas Commission on Environmental Quality**  
**Table 29 Reciprocating Engines**

I. Engine Data											
Manufacturer: Caterpillar		Model No. 9.3 Liter		Serial No.		Manufacture Date:					
Rebuilds Date: N/A		No. of Cylinders: 6		Compression Ratio:		EPN: 9					
<b>Application:</b> <input type="checkbox"/> Gas Compression <input checked="" type="checkbox"/> Electric Generation <input type="checkbox"/> Refrigeration <input type="checkbox"/> Emergency/Stand by											
<input checked="" type="checkbox"/> 4 Stroke Cycle <input type="checkbox"/> 2 Stroke Cycle <input type="checkbox"/> Carbureted <input type="checkbox"/> Spark Ignited <input type="checkbox"/> Dual Fuel <input checked="" type="checkbox"/> Fuel Injected											
<input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Naturally Aspirated <input type="checkbox"/> Blower /Pump Scavenged <input checked="" type="checkbox"/> Turbo Charged and I.C. <input type="checkbox"/> Turbo Charged											
<input type="checkbox"/> Intercooled <input type="checkbox"/> I.C. Water Temperature <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn											
<b>Ignition/Injection Timing:</b> Fixed: _____           Variable: _____											
Manufacture Horsepower Rating: 415						Proposed Horsepower Rating: 490					
Discharge Parameters											
Stack Height (Feet)		Stack Diameter (Feet)		Stack Temperature (°F)		Exit Velocity (FPS)					
II. Fuel Data											
Type of Fuel: <input type="checkbox"/> Field Gas <input type="checkbox"/> Landfill Gas <input type="checkbox"/> LP Gas <input type="checkbox"/> Natural Gas <input type="checkbox"/> Digester Gas <input checked="" type="checkbox"/> Diesel											
Fuel Consumption (BTU/bhp-hr):				Heating Value:				Lower Heating Value:			
Sulfur Content (grains/100 scf - weight %): Sulfur Content (grains/100 scf - weight %): <0.0015											
III. Emission Factors (Before Control)											
NO <sub>x</sub>		CO		SO <sub>2</sub>		VOC		Formaldehyde		PM <sub>10</sub>	
g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv
5.2		1.3				.01				.15	
Source of Emission Factors: <input checked="" type="checkbox"/> Manufacturer Data <input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other (specify): _____											
IV. Emission Factors (Post Control)											
NO <sub>x</sub>		CO		SO <sub>2</sub>		VOC		Formaldehyde		PM <sub>10</sub>	
g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv	g/hp-hr	ppmv
Method of Emission Control: <input type="checkbox"/> NSCR Catalyst <input type="checkbox"/> Lean Operation <input type="checkbox"/> Parameter Adjustment <input type="checkbox"/> Stratified Charge <input type="checkbox"/> JLCC Catalyst <input type="checkbox"/> Other (Specify): _____											
<b>Note:</b> Must submit a copy of any manufacturer control information that demonstrates control efficiency.											
Is Formaldehyde included in the VOCs?										<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
V. Federal and State Standards (Check all that apply)											
<input type="checkbox"/> NSPS JJJJ <input type="checkbox"/> MACT ZZZZ <input checked="" type="checkbox"/> NSPS IIII <input type="checkbox"/> Title 30 Chapter 117 - List County: _____											
VI. Additional Information											
1. Submit a copy of the engine manufacturer's site rating or general rating specification data. 2. Submit a typical fuel gas analysis, including sulfur content and heating value. For gaseous fuels, provide mole percent of constituents. 3. Submit description of air/fuel ratio control system (manufacturer information is acceptable).											

## APPENDIX B. MAPS AND FLOWS

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# Applewhite Cattle Co

Waco Concrete Crushing Plant  
Location Map



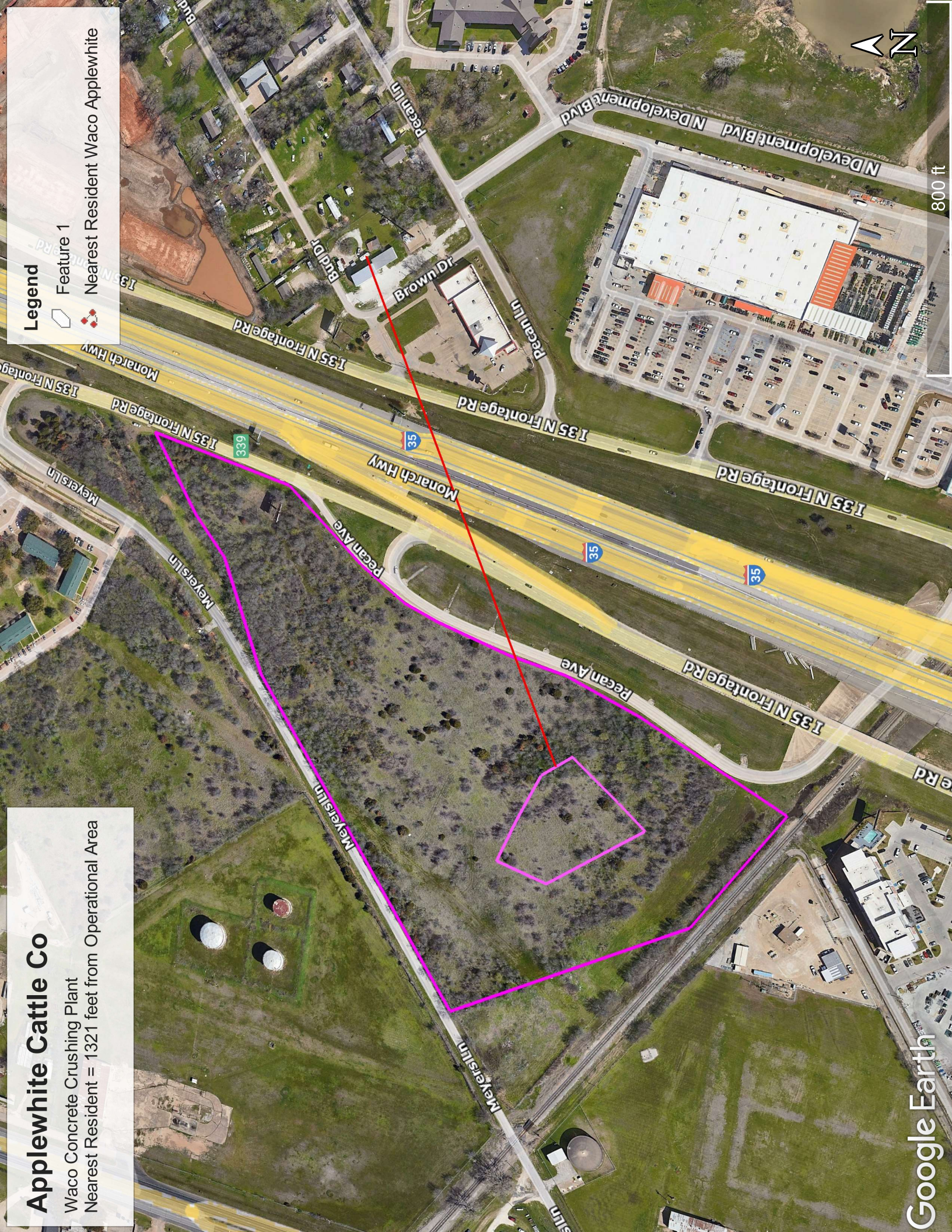
# Applewhite Cattle Co

Waco Concrete Crushing Plant  
Nearest Resident = 1321 feet from Operational Area

## Legend

Feature 1

Nearest Resident Waco Applewhite



# Applewhite Cattle Co

Waco Concrete Crushing Plant  
Nearest Church = 2172 feet from Operational Area

## Legend

Feature 1

Nearest Resident Waco Applewhite



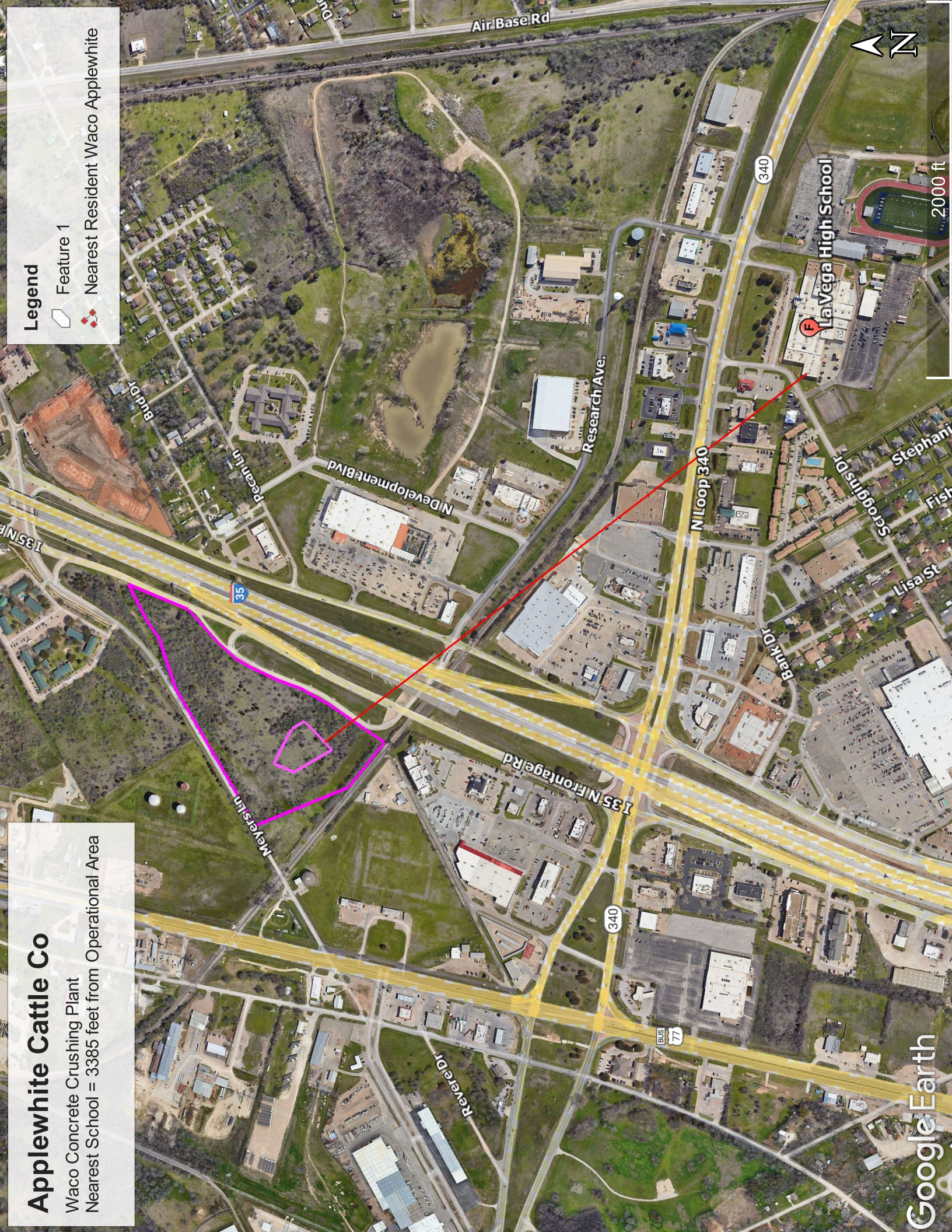
# Applewhite Cattle Co

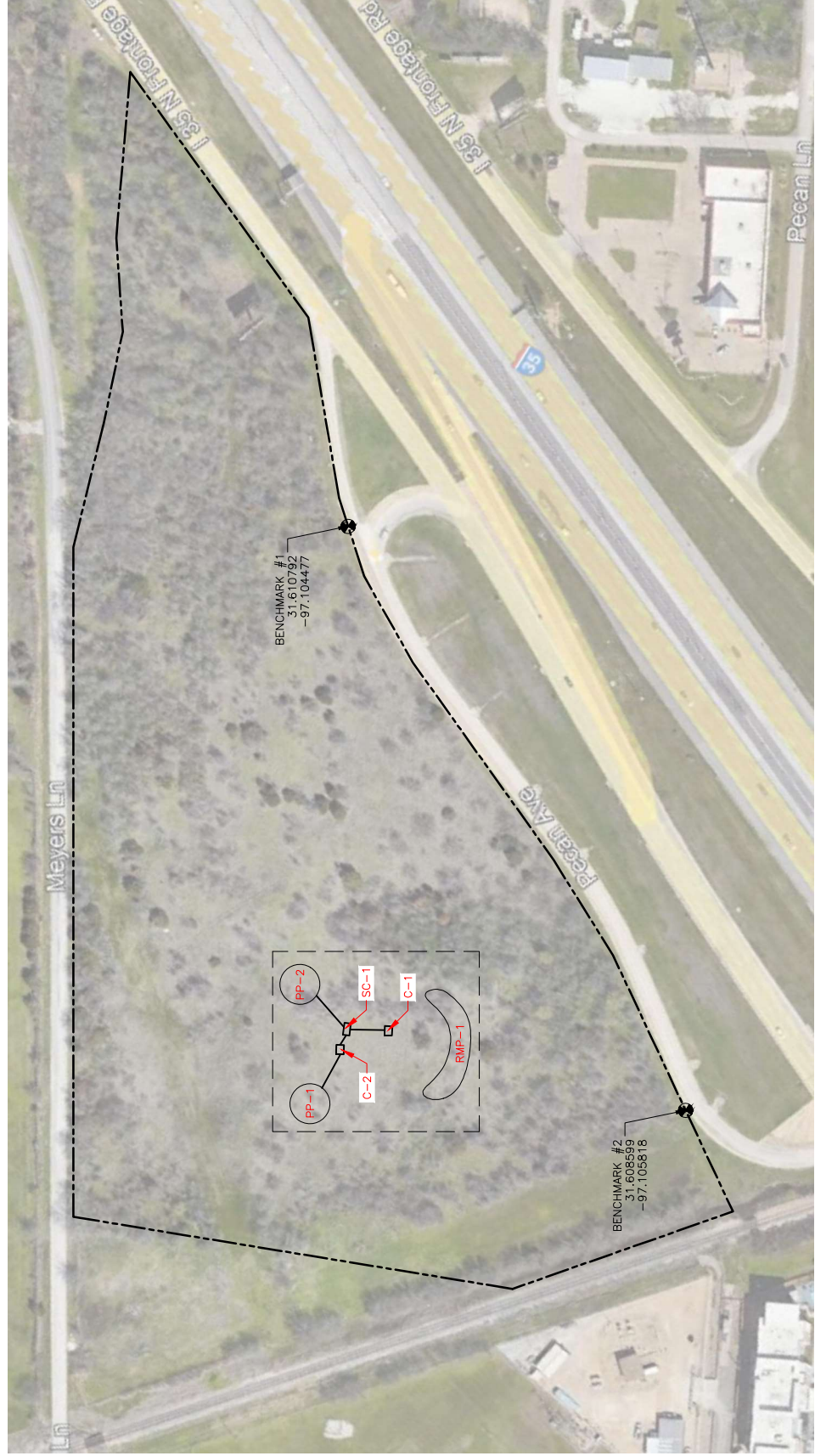
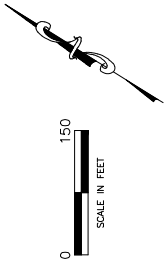
Waco Concrete Crushing Plant  
Nearest School = 3385 feet from Operational Area

## Legend

Feature 1

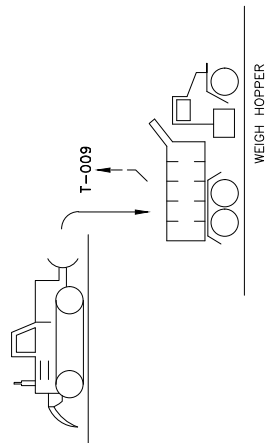
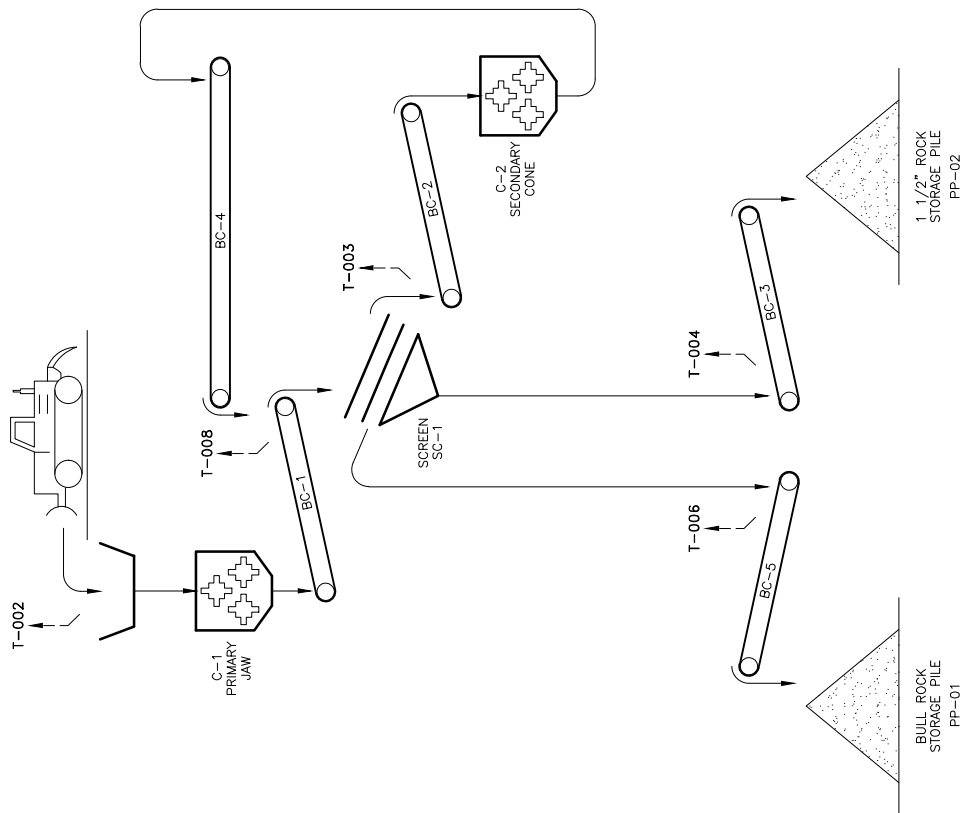
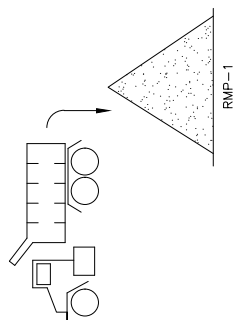
Nearest Resident Waco Applewhite





PROCESS FLOW CHART

APPLEWHITE CATTLE COMPANY, LLC  
WACO, TX



# APPENDIX C. CALCULATIONS

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**Applewhite Cattle Co LLC**  
**Waco Concrete Crushing Plant**

**Table C-1: Emissions Determination Summary for Standard Permit Application**

Activity	TSP		PM <sub>10</sub>		PM <sub>2.5</sub>		NO <sub>x</sub>		CO		SO <sub>2</sub>		VOC	
	Emission Rate (lbs/hr)	Emission Rate (tons/yr)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)
Crushing and Screening Emissions	0.72	0.95	0.28	0.36	0.03	0.04								
Material Transfers	0.17	0.22	0.05	0.07	0.02	0.02								
Wind Erosion Emissions from Piles	0.31	1.36	0.15	0.68	0.08	0.34								
Engines	0.30	0.39	0.30	0.39	0.30	0.39	10.32	13.62	2.58	3.40	1.85	2.44	0.02	0.03
<b>Total</b>	<b>1.50</b>	<b>2.92</b>	<b>0.78</b>	<b>1.51</b>	<b>0.42</b>	<b>0.80</b>	<b>10.32</b>	<b>13.62</b>	<b>2.58</b>	<b>3.40</b>	<b>1.85</b>	<b>2.44</b>	<b>0.02</b>	<b>0.03</b>

# Applewhite Cattle Co LLC

## Waco Concrete Crushing Plant

### Table C-2: Emissions Determination for Crushing and Screening Facilities

Source ID	Source Type	Annual Tons (tons/yr)	Hourly Tons (tons/hr)	TSP		PM <sub>10</sub>		PM <sub>2.5</sub>	
				Emission Rate (lbs/hr)	Emission Rate (tons/yr)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)	Emission Rate (lbs/hr)	Emission Rate (tons/yr)
C-1	Primary Jaw	528000	200	0.04	0.06	0.020	0.026	0.003	0.004
C-2	Secondary Impact	528000	200	0.24	0.32	0.108	0.143	0.020	0.026
SC-1	Screen	528000	200	0.44	0.58	0.148	0.20	0.010	0.013
			Total	0.72	0.95	0.28	0.36	0.03	0.04

Source: TABLE A, Emission Factors From TCEQ Spreadsheet for Rock Crushing Facilities

Emission Source	Emission Factor		
	PM (lb/ton)	PM <sub>10</sub> (lb/ton)	PM <sub>2.5</sub> (lb/ton) <sup>1</sup>
Primary Crushing (Jaw) - Wet	0.00021	0.0001	0.000015
Secondary Crushing (All) - Wet	0.0012	0.00054	0.0001
Tertiary Crushing (All) - Wet	0.0012	0.00054	0.0001
Screening (All) - Wet	0.0022	0.00074	0.00005

Notes:

<sup>1</sup> PM<sub>2.5</sub> is assumed to be 15% of PM<sub>10</sub> based on ratio of k factors from AP-42 13.2.4.3 where factors are not provided.  
Normal Operating Schedule is 10 hours/day 5 days per week

**Applewhite Cattle Co LLC**  
**Waco Concrete Crushing Plant**  
**Table C-3: Annual Particulate Fugitive Emission Estimates Resulting from Wind Erosion from Open Stockpiles**

Source: TCEQ Draft RG 058 (February 2002) Rock Crushing Plants  
 Equations following Table 5 in Section F:

$$E_{17H} = \left( \frac{3.5 \text{ lb PM}}{\text{acre day}} \right) \times \left( \frac{\text{day}}{24 \text{ hours}} \right) \times A \times CF$$

$$E_{17} = \left( \frac{3.5 \text{ lb PM}}{\text{acre day}} \right) \times \left( \frac{365-D}{\text{year}} \right) \times A \times \left( \frac{1 \text{ ton}}{2000 \text{ lbs}} \right) \times CF$$

$$E_{18H} = 0.5 \times E_{17H}$$

$$E_{18} = 0.5 \times E_{17}$$

$$E_{19H} = \left( \frac{13.2 \text{ lb PM}}{\text{acre day}} \right) \times \left( \frac{\text{day}}{24 \text{ hours}} \right) \times A \times CF$$

$$E_{19} = \left( \frac{13.2 \text{ lb PM}}{\text{acre day}} \right) \times \left( \frac{D}{\text{year}} \right) \times A \times \left( \frac{1 \text{ ton}}{2000 \text{ lbs}} \right) \times CF$$

$$E_{20H} = 0.5 \times E_{19H}$$

$$E_{20} = 0.5 \times E_{19}$$

where

- $E_{17H}$  = PM emissions for inactive stockpiles (lbs/hr)
- $E_{17}$  = PM emissions for inactive stockpiles (ton/yr)
- $E_{18H}$  = PM<sub>10</sub> emissions for inactive stockpiles (lbs/hr)
- $E_{18}$  = PM<sub>10</sub> emissions for inactive stockpiles (ton/yr)
- $E_{19H}$  = PM emissions for active stockpiles (lbs/hr)
- $E_{19}$  = PM emissions for active stockpiles (ton/yr)
- $E_{20H}$  = PM<sub>10</sub> emissions for active stockpiles (lbs/hr)
- $E_{20}$  = PM<sub>10</sub> emissions for active stockpiles (ton/yr)
- A = Stockpile area (acres)
- CF = Control factor (from Table 7) ( control factor = 1-% control)

**Example Calculation: EPN RMP-1**  
 $E = 13.2 \times 0.25 \times 365 / 2000 \times 0.3$   
 $E = 0.1807 \text{ tons/yr}$

**D** = Number of active days per year (8-12 hrs of activity per 24 hour period)  
 70% for Watering

FIN	EPN	Activity	Control Factor CF	Stockpile Area A (acres)	Active Days D (days/yr)	Inactive Days 365-D (days/yr)	TSP		PM <sub>10</sub> <sup>1</sup>		PM <sub>2.5</sub> <sup>2</sup>		
							Hourly Emissions (lb/hr)	Annual Emissions (tons/yr)	Hourly Emissions (lb/hr)	Annual Emissions (tons/yr)	Hourly Emissions (lb/hr)	Annual Emissions (tons/yr)	
RMP-1	RMP-1	Raw Material Surge Pile	0.3	Active Stockpile 0.25	365	-	0.0413	0.1807	0.0207	0.0904	0.0103	0.0452	
		Raw Material Surge Pile	0.3	Inactive Stockpile 1.75	0	365	0.0766	0.3353	0.0383	0.1677	0.0192	0.0838	
						Active + Inactive Stockpile =		0.1179	0.5160	0.0590	0.2581	0.0295	0.1290
						Subtotal =		0.12	0.52	0.06	0.26	0.03	0.13
PP-01	PP-01	Product Pile 1 Wind Erosion	0.3	Active Stockpile 0.25	365	-	0.0413	0.1807	0.0207	0.0904	0.0103	0.0452	
		Product Pile 1 Wind Erosion	0.3	Inactive Stockpile 1.25	0	365	0.0547	0.2395	0.0274	0.1198	0.0137	0.0599	
						Active + Inactive Stockpile =		0.0960	0.4202	0.0480	0.2102	0.0240	0.1051
						Subtotal =		0.10	0.42	0.05	0.21	0.02	0.11
PP-02	PP-02	Product Pile 2 Wind Erosion	0.3	Active Stockpile 0.25	365	-	0.0413	0.1807	0.0207	0.0904	0.0103	0.0452	
		Product Pile 2 Wind Erosion	0.3	Inactive Stockpile 1.25	0	365	0.0547	0.2395	0.0274	0.1198	0.0137	0.0599	
						Active + Inactive Stockpile =		0.0960	0.4202	0.0480	0.2102	0.0240	0.1051
						Subtotal =		0.10	0.42	0.05	0.21	0.02	0.11
Total All Piles =							0.31	1.36	0.15	0.68	0.08	0.34	

Notes:  
<sup>1</sup> PM<sub>10</sub> is assumed to be 50% of TSP.  
<sup>2</sup> PM<sub>2.5</sub> is assumed to be 25% of TSP.

**Applewhite Cattle Co LLC**  
**Waco Concrete Crushing Plant**  
**SHORT TERM AND ANNUAL MAXIMUM PARTICULATE EMISSION ESTIMATES**  
**Table C-4; Particulate Fugitive Emission Estimates from Material Transfers**

Tons/hr \* EF = Lbs/hr Emission Rate      Vol. 1, 5th Ed., AP-42, Section 11.19.2-2 (August 2004)

Where:

EF = emission factor (lb./ton)

Tons/hr = Maximum Production Rate

**Example Calculation: EPN T-002**

TSP:  $E = 200 \text{ tons/hr} * 0.00014 = 0.0280 \text{ lb/hr}$   
TSP: Annual Emiss. =  $0.00014 \text{ lb/ton} * 528000 \text{ ton/year} * 1 \text{ ton/2,000 lb} = 0.0370 \text{ ton/yr}$

FIN	EPN	Activity	Maximum Predicted throughput (tons/hr)	Maximum Predicted throughput (tons/yr)	TSP			PM <sub>10</sub>			PM <sub>2.5</sub>		
					E lb/ton	Emission Rate (lb/hr)	Annual Emissions (tons/yr)	E lb/ton	Emission Rate (lb/hr)	Annual Emissions (tons/yr)	E lb/ton	Emission Rate (lb/hr)	Annual Emissions (tons/yr)
T-002		Drop to Hopper	200.00	528,000	0.00014	0.0280	0.0370	0.00005	0.0090	0.0119	0.000013	0.0026	0.0034
T-003		Screen to BC-2	200.00	528,000	0.00014	0.0280	0.0370	0.00005	0.0090	0.0119	0.000013	0.0026	0.0034
T-004		Screen to BC-3	200.00	528,000	0.00014	0.0280	0.0370	0.00005	0.0090	0.0119	0.000013	0.0026	0.0034
T-006		Screen to BC-5	200.00	528,000	0.00014	0.0280	0.0370	0.00005	0.0090	0.0119	0.000013	0.0026	0.0034
T-008		BC-4 to BC-1	200.00	528,000	0.00014	0.0280	0.0370	0.00005	0.0090	0.0119	0.000013	0.0026	0.0034
T-009		Drop to Truck	200.00	528,000	0.00014	0.0280	0.0370	0.00005	0.0090	0.0119	0.000013	0.0026	0.0034
<b>Total =</b>						<b>0.17</b>	<b>0.22</b>		<b>0.05</b>	<b>0.07</b>		<b>0.02</b>	<b>0.02</b>

# Applewhite Cattle Co LLC

## Waco Concrete Crushing Plant

### ANNUAL EMISSIONS ESTIMATES FOR

**Table C-5: Emissions Determination for Generators and Stationary Engines**

**Assumptions:** AP-42, 5th Edition, Section 3.3, Table 3.3-1

Fuel Type: Diesel

**Equation:** unit HP x e(factor) x hours of operation ÷ 2000 lb/ton

Annual Hours of Operation : 2640

FIN	EPN	Activity	Unit HP	Factor (e) lb/HP-hr	Hourly Emissions lbs/hr	Annual Emissions tons/yr	
NO <sub>x</sub>							
	Gen Set No. 1	Crush Eng	C13 Engine	450	1.15E-02	5.16	6.81
	Gen Set No. 2	Crush Eng	C13 Engine	450	1.15E-02	5.16	6.81
					NO <sub>x</sub> Total =	10.32	13.62
TSP / PM <sub>10</sub> / PM <sub>2.5</sub>							
	Gen Set No. 1	Crush Eng	C13 Engine	450	3.31E-04	0.15	0.20
	Gen Set No. 2	Crush Eng	C13 Engine	450	3.31E-04	0.15	0.20
					PM Total =	0.30	0.39
CO							
	Gen Set No. 1	Crush Eng	C13 Engine	450	2.87E-03	1.29	1.70
	Gen Set No. 2	Crush Eng	C13 Engine	450	2.87E-03	1.29	1.70
					CO Total =	2.58	3.40
SO <sub>2</sub>							
	Gen Set No. 1	Crush Eng	C13 Engine	450	2.05E-03	0.92	1.22
	Gen Set No. 2	Crush Eng	C13 Engine	450	2.05E-03	0.92	1.22
					SO <sub>2</sub> Total =	1.85	2.44
VOC (EXHAUST)							
	Gen Set No. 1	Crush Eng	C13 Engine	450	2.20E-05	0.01	0.01
	Gen Set No. 2	Crush Eng	C13 Engine	450	2.20E-05	0.01	0.01
					VOC Exhaust =	0.02	0.03
VOC (CRANKCASE)							
	Gen Set No. 1	Crush Eng	C13 Engine	450	NA		
					VOC Crankcase =	0.00	0.00
					VOC Total =	0.02	0.03
VOC (Total)							
		C13 Engine					
Formaldehyde							
	Gen Set No. 1	Crush Eng	C13 Engine	450	8.26E-06	0.00	0.00
	Gen Set No. 2	Crush Eng	C13 Engine	450	8.26E-06	0.00	0.00
					Fomaldehyde Total =	0.01	0.01

Assumptions:

SO<sub>2</sub> Calculation based on AP-42 factor 5th Edition Section 3.3-1 in lbs/HP-hr

Formaldehyde Calculation based on AP-42 factor 5th Edition Section 3.3-3 in lbs/HP-hr

Emission Factors for Gen Set from Manufacturers Data

Annual operating hours based on 10 hours/day 5 days per week.

NOx Emission factor from Tier 3 2112+ EPA standards 40 CFR §1042.101 Table 1

## **APPENDIX D. AIR QUALITY STANDARD PERMIT FOR ROCK AND CONCRETE CRUSHERS**

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**Air Quality Standard Permit for Permanent Rock and Concrete Crushers**  
**Effective Date July 31, 2008**

This air quality standard permit authorizes rock and concrete crushing facilities that meet all of the conditions listed in sections (1), (2), and (3) of this standard permit. It is the permit holder's responsibility to demonstrate compliance with all conditions of this permit upon request by the executive director or any air pollution control agency having jurisdiction.

(1) General Requirements:

(A) For the purposes of this standard permit, the following definitions apply.

- (i) A site is one or more contiguous or adjacent properties which are under common control of the same person (or persons under common control).
- (ii) Associated sources are sources of air emissions that are related to the rock or concrete crushing operation, that are not "facilities" as defined under Title 30 Texas Administrative Code (30 TAC) § 116.10, General Definitions. Associated sources include, but are not limited to, stockpiles and outdoor work areas. Screens, belt conveyors, generator sets, and material storage or feed bins are considered to be facilities and are not associated sources.
- (iii) A residence is a structure primarily used as a permanent dwelling.

(B) Except as provided in subsections (C) and (D) of this section, when crushing concrete, the concrete crushing facility shall be operated at least 440 yards from any building which was in use as a single or multi-family residence, school, or place of worship at the time an application was filed. The measurement of distance shall be taken from the point on the concrete crushing facility that is nearest to the residence, school, or place of worship toward the point on the building in use as a residence, school, or place of worship that is nearest the concrete crushing facility.

(C) Subsection (B) does not apply to:

- (i) a concrete crushing facility at a location for which the distance requirements of subsection (B) were satisfied at the time an application was filed with the commission, provided that the authorization was granted and maintained, regardless of whether a single or multi-family residence, school, or place of worship is subsequently built or put to use within 440 yards of the facility; or
- (ii) structures occupied or used solely by the owner of the facility or the owner of the property upon which the facility is located.

(D) Subsection (B) does not apply to a concrete crushing facility that:

- (i) is engaged in crushing concrete and other materials resulting from the demolition of a structure on that site and the concrete and other materials are being crushed primarily for use at that site;
- (ii) operates at that site during one period of no more than 180 calendar days;

- (iii) complies with all applicable conditions stated in commission rules, including operating conditions; and
  - (iv) is not located in a county with a population of 2.4 million or more persons, or in a county adjacent to such a county.
- (E) For any owner or operator with a facility authorized by this standard permit, the TCEQ will not accept an application for authorization of a crushing facility under Texas Health and Safety Code (THSC) § 382.0518, Preconstruction Permit, located at the same site for a period of 12 months from the date of authorization.
- (F) An applicant for authorization of a rock crusher under THSC § 382.0518, is not eligible for this standard permit at the same site until 12 months after the application for authorization under § 382.0518 is withdrawn. Facilities already authorized by a permit under § 382.0518 are not eligible for this standard permit.
- (G) Applications for this standard permit shall be registered in accordance with 30 TAC § 116.611, Registration to Use a Standard Permit (including a current Form PI-1S, Crushing Plant Standard Permit Checklist and Table 17). A compliance history review shall be performed by the executive director in accordance with 30 TAC Chapter 60, Compliance History. If a facility is determined to be a poor performer, as defined in 30 TAC Chapter 60, a standard permit registration shall not be issued.
- (H) No owner or operator of a crushing facility shall begin construction and/or operation without obtaining written approval from the executive director (except for crushers in non operational storage for which construction has not commenced as considered under the Texas Clean Air Act). Start of construction of any facility registered under this standard permit shall be no later than 18 months from the date of authorization. Construction progress and startup notification shall be made in accordance with 30 TAC § 116.115(b)(2), General and Special Conditions.
- (I) Applications for registration under this standard permit shall comply with 30 TAC § 116.614, Standard Permit Fees.
- (J) All affected facilities authorized by this standard permit must meet all applicable conditions of Title 40 Code of Federal Regulations (40 CFR) Part 60, Subpart A, General Provisions, and OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.
- (K) Only crushing facilities that are processing nonmetallic minerals or a combination of nonmetallic minerals that are described in 40 (CFR) Part 60, Subpart OOO, shall be authorized by this standard permit.
- (L) This standard permit does not supersede the requirements of any other commission rule, including 30 TAC Chapter 101, Subchapter H, Division 3, Mass Emissions Cap and Trade Program; and 30 TAC Chapter 117, Control of Air Pollution from Nitrogen Compounds.
- (M) Written records shall be kept for a rolling 24-month period and shall always remain on site. These records shall be made available at the request of any personnel from the TCEQ or any air pollution control program having jurisdiction. These written records shall contain the following:

- (i) daily hours of operation;
    - (ii) the throughput per hour;
    - (iii) road and work area cleaning and dust suppression logs; and
    - (iv) stockpile dust suppression logs.
  - (N) Crushing operations and related activities shall comply with applicable requirements of 30 TAC Chapter 101, Subchapter F, Emission Events and Scheduled Maintenance, Startup, and Shutdown Activities.
  - (O) Facilities which meet the conditions of this standard permit do not have to meet the emissions and distance limitations listed in 30 TAC § 116.610(a)(1), Applicability.
  - (P) Maintenance emissions are not included in this permit and must be approved under separate authorization. Startup and shutdown emissions that exceed those expected during production operations must be approved under separate authorization.
  - (Q) Owners or operators of facilities authorized by this standard permit are not eligible for any authorization in 30 TAC Chapter 106, Subchapter E, Aggregate and Pavement or 30 TAC § 106.512, Stationary Engines and Turbines, for a facility located at the same site as a rock crusher authorized by this standard permit.
  - (R) Upon issuance of this standard permit, the TCEQ will no longer accept a registration for § 106.142, Rock Crushers.
- (2) Public Notice Requirements:
- (A) An application for authorization to construct and operate a rock crusher under this standard permit is not subject to the public notice requirements in 30 TAC Chapter 39 Subchapter H, Applicability and General Provisions, and Subchapter K, Public Notice of Air Quality Applications.
  - (B) For authorization to use this standard permit, an applicant must publish notice under this section not later than the earlier of:
    - (i) the 30th day after the date the applicant receives written notice from the executive director that the application is technically complete; or
    - (ii) the 75th day after the date the executive director receives the application.
  - (C) The applicant must publish notice at least once in a newspaper of general circulation in the municipality in which the plant is proposed to be located or in the municipality nearest to the proposed location of the crusher. If the elementary or middle school nearest to the proposed plant provides a bilingual education program as required by Subchapter B, Chapter 29, Texas Education Code, the applicant must also publish the notice at least once in an additional publication of general circulation in the municipality or county in which the plant is proposed to be located that is published in the language taught in the bilingual education program. This requirement is waived if such a publication does not exist or if the publisher refuses to publish the notice.

- (D) The notice must include:
- (i) a brief description of the proposed location and nature of the proposed crusher;
  - (ii) a description, including a telephone number, of the manner in which the executive director may be contacted for further information;
  - (iii) a description, including a telephone number, of the manner in which the applicant may be contacted for further information;
  - (iv) the location and hours of operation of the commission's regional office at which a copy of the application is available for review and copying; and
  - (v) a brief description of the public comment process, including the mailing address and deadline for filing written comments.
- (E) At the applicant's expense, a sign or signs shall be placed at the site of the proposed facility declaring the filing of an application for a permit and stating the manner in which the commission may be contacted for further information. Such signs shall be provided by the applicant and shall meet the following requirements:
- (i) signs shall consist of dark lettering on a white background and shall be no smaller than 18 inches by 28 inches;
  - (ii) signs shall be headed by the words "PROPOSED AIR QUALITY PERMIT" in no less than two-inch boldface block-printed capital lettering;
  - (iii) signs shall include the words "APPLICATION NUMBER" and the number of the permit application in no less than one-inch boldface block-printed capital lettering (more than one number may be included on the signs if the respective public comment periods coincide);
  - (iv) signs shall include the words "for further information contact" in no less than 1/2-inch lettering;
  - (v) signs shall include the words "Texas Commission on Environmental Quality," and the address of the appropriate commission regional office in no less than one-inch boldface capital lettering and 3/4-inch boldface lower case lettering; and
  - (vi) signs shall include the phone number of the appropriate commission office in no less than two-inch boldface numbers.
- (F) The sign or signs must be in place by the date of publication of the newspaper notice required by subsection (2)(C) of this section and must remain in place and legible throughout the period of public comment provided for in subsection (2)(I) of this section.
- (G) Each sign placed at the site must be located within ten feet (ft.) of each (every) property line paralleling a street or other public thoroughfare. Signs must be completely visible from the street and spaced at not more than 1,500-ft. intervals. A minimum of one sign, but no more than three signs shall be required along any property line paralleling a public thoroughfare.

The commission may approve variations from these requirements if it is determined that alternative sign posting plans proposed by the applicant are more effective in providing notice to the public.

- (H) The alternate language sign posting requirements of this subsection are applicable whenever either the elementary school or the middle school located nearest to the facility or proposed facility provides a bilingual education program as required by Texas Education Code, Chapter 29, Subchapter B, and 19 TAC § 89.1205(a) or if either school has waived out of such a required bilingual education program under the provisions of 19 TAC § 89.1205(g). Schools not governed by the provisions of 19 TAC § 89.1205(a) shall not be considered in determining applicability of the requirements of this subsection. Each affected facility shall meet the following requirements.
  - (i) The applicant shall post an additional sign in each alternate language in which the bilingual education program is taught. If the nearest elementary or middle school has waived out of the requirements of 19 TAC § 89.1205(a) under 19 TAC § 89.1205(g), the alternate language signs shall be published in the alternate languages in which the bilingual education program would have been taught had the school not waived out of the bilingual education program.
  - (ii) The alternate language signs shall be posted adjacent to each English language sign required in this section.
  - (iii) The alternate language sign posting requirements of this subsection shall be satisfied without regard to whether alternate language notice is required under subsection (C) of this section.
  - (iv) The alternate language signs shall meet all other requirements of this section.
- (I) The public comment period begins on the first date notice is published under subsection (2)(B) and extends no less than 30 days from the publication date.
- (J) Not later than the 30th day after the end of the public comment period, the executive director will approve or deny the application for authorization to use the standard permit. The executive director must base the decision on whether the application meets the requirements of this standard permit. The executive director must consider all comments received during the public comment period in determining whether to approve the application. If the executive director denies the application, the executive director must state the reasons for the denial and any modifications to the application necessary for the proposed plant to qualify for the authorization.
- (K) The executive director will issue a written response to any public comments received related to the issuance of an authorization to use the standard permit at the same time as or as soon as practicable after the executive director grants or denies the application. Issuance of the response after the granting or denial of the application does not affect the validity of the executive director's decision to grant or deny the application. The executive director will:
  - (i) mail the response to each person who filed a comment; and
  - (ii) make the response available to the public.

(3) Operational Requirements:

- (A) The primary crusher throughput shall not exceed 200 tons per hour.
- (B) The crusher and all associated facilities, including engines and/or generator sets, but not including associated sources, shall be located no less than 200 ft. from the nearest property line, as measured from the point on the facility nearest the property line.
- (C) The crusher and all associated facilities, including engines and/or generator sets, but not including associated sources, shall be located no less than 440 yards from any building which was in use as a single or multi-family residence, school, or place of worship, at the time an application was filed, as measured from the point on the facility nearest the residence, school, or place of worship to the point on the residence, school, or place of worship nearest the facility.
- (D) The crushing facilities (not including associated sources) operating under this standard permit shall be located at least 550 ft. from any other rock crusher, concrete crusher, concrete batch plant, or hot mix asphalt plant. If this distance cannot be met, then the crusher shall not operate at the same time as the other rock crusher, concrete crusher, concrete batch plant, or hot mix asphalt plant. Measurement shall be from the closest point on the rock crushing facility to the closest point on any other facility.
- (E) All associated sources, including but not limited to, roads (except for incidental traffic and the entrance and exit to the site), work areas, and stockpiles, shall be located at least 100 ft. from the property line.
- (F) The facilities (as defined in 30 TAC § 116.10(4)) authorized under this standard permit shall be limited to one primary crusher, one secondary crusher, one vibrating grizzly, two screens, any conveyors, and one internal combustion engine (or combination of engines) of no more than 1,000 total horsepower. Equipment that is not a source of emissions does not require authorization.
- (G) All crushers, associated facilities, and associated sources (excluding stockpiles) shall not operate for more than an aggregate of 2,640 hours at the authorized site in any rolling 12 month period. Once the operating hours (2,640 hours) for the site have been exhausted, the owner or operator shall not use a standard permit to operate another rock crusher on the site.
- (H) The rock crusher and associated facilities shall not operate from one hour after official sunset to one hour before official sunrise.
- (I) Each crusher shall be equipped with a runtime meter, which will be operating during crushing during crushing operations.
- (J) Permanently mounted spray bars shall be installed at the inlet and outlet of all crushers, at all shaker screens, and at all material transfer points and used as necessary to maintain compliance with all TCEQ rules and regulations.
- (K) Opacity of emissions from any transfer point on belt conveyors or any screen shall not exceed 10 percent and from any crusher shall not exceed 15 percent, averaged over a six-minute period, and according to U.S. Environmental Protection Agency (EPA) Test Method (TM) 9.

- (L) Visible emissions from the crusher, associated facilities, associated sources, and in-plant roads associated with the plant shall not leave the property for a period exceeding 30 seconds in duration in any six-minute period as determined using EPA TM 22.
- (M) Dust emissions from all in-plant roads and active work areas that are associated with the operation of the crusher, associated facilities, and associated sources shall be minimized at all times by at least one of the following methods:
  - (i) covered with a material such as, but not limited to, roofing shingles or tire chips (when used in combination with (ii) or (iii) of this subsection);
  - (ii) treated with dust-suppressant chemicals;
  - (iii) watered; or
  - (iv) paved with a cohesive hard surface that is maintained intact and cleaned.
- (N) All stockpiles shall be sprinkled with water, dust-suppressant chemicals, or covered, as necessary, to minimize dust emissions.
- (O) Raw material and product stockpile heights shall not exceed 45 ft.
- (P) The crusher shall be equipped with a weigh hopper or scale belt to accurately determine the mass of material being crushed.
- (Q) The crusher may relocate on the site for which it has been authorized without reauthorization as long as it remains at least 440 yards from any residence, school, or place of worship that was in existence at the time of the move.

## Texas Commission on Environmental Quality

### Standard Permit New Registration

#### Site Information (Regulated Entity)

What is the name of the site to be authorized?

Applewhite Cattle Waco Concrete Crushing Plant

Does the site have a physical address?

No

Because there is no physical address, describe how to locate this site:

From the intersection of the North frontage road of IH35 and N Loop 340, travel north 0.22 miles to intersection with Research Ave. Turn left and continue onto Pecan Ave to plant entrance on left.

City

Waco

State

TX

ZIP

76705

County

MCLENNAN

Latitude (N) (##.#####)

Longitude (W) (-###.#####)

Primary SIC Code

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)?

Applewhite Cattle Co Waco Concrete Crushing Plant

Does the RE site have a physical address?

No

Because there is no physical address, describe how to locate this site:

From the intersection of the North frontage road of IH35 and N Loop 340, travel north 0.22 miles to intersection with Research Ave. Turn left and continue onto Pecan Ave to plant entrance on left.

City

Waco

State

TX

ZIP

76705

County

MCLENNAN

Latitude (N) (##.#####)

Longitude (W) (-###.#####)

Facility NAICS Code

What is the primary business of this entity?

#### Customer (Applicant) Information

How is this applicant associated with this site?

Owner Operator

What is the applicant's Customer Number (CN)?

CN606187631

Type of Customer

Corporation

Full legal name of the applicant:

Legal Name

Applewhite Cattle Co LLC

Texas SOS Filing Number

803689583

Federal Tax ID	
State Franchise Tax ID	32075081177
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	0-20
Independently Owned and Operated?	No
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	Applewhite Cattle Co LLC
Prefix	MR
First	Tre
Middle	
Last	Leoni
Suffix	
Credentials	
Title	President
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	5415 MCKINNEY FALLS PKWY
Routing (such as Mail Code, Dept., or Attn:)	
City	AUSTIN
State	TX
ZIP	78744
Phone (###-###-####)	8402412955
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	tleoni@wpmcivil.com

## Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	CN606187631, Applewhite Cattle Co LLC
Organization Name	Applewhite Cattle Co LLC
Prefix	MR
First	Tre
Middle	
Last	Leoni
Suffix	
Credentials	
Title	President
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)  
Routing (such as Mail Code, Dept., or Attn:)  
City  
State  
ZIP  
Phone (###-###-####)  
Extension  
Alternate Phone (###-###-####)  
Fax (###-###-####)  
E-mail

5415 MCKINNEY FALLS PKWY  
  
AUSTIN  
TX  
78744  
8402412955  
  
tleoni@wpmcivil.com

## Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name

Trinity Consultants Inc

Prefix

MR

First

Jay

Middle

Last

Lindholm

Suffix

Credentials

Title

Project Manager

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

9737 GREAT HILLS TRL STE 340

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

City

AUSTIN

State

TX

ZIP

78759

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

5125678280

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

jay.lindholm@trinityconsultants.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:

PERMANENT ROCK AND CONCRETE CRUSHERS

3.1. Select the rule associated to the unit specified.

6013

## Standard Permit Attachments

1) Please attach all required documents including PI-1S, Table 17, Process Description, Process Flow Diagram, Standard Permit Checklist, Rock Crusher Checklist, and the Site Map.

[File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=234606>Standard Permit Application Applewhite Waco Concrete Crushing Plant.pdf</a>
Hash	54E2605DDBB4DC4260A822815FA7583EE8CA550B315E69C3A465619D58F2D01A
MIME-Type	application/pdf
Confidential	No

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

## Expedite

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?	No
---	----

## 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 William Leoni III, the owner of the STEERS account ER099749.
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: William Leoni III OWNER OPERATOR

Account Number:	ER099749
Signature IP Address:	12.55.191.54
Signature Date:	2025-01-15
Signature Hash:	CD1D5E6F9D028C3769D03FE917BDAC200913B82B90ADC44F352527BF82DE50B3

Form Hash Code at  
time of Signature:

6F64FB2A88744092252457494FBBB01C049C8AAC505075859DB1B49606E7D032

## Fee Payment

Transaction by:

The application fee payment transaction was made by ER099749/William Leoni III

Paid by:

The application fee was paid by WILLIAM LEONI

Fee Amount:

\$900.00

Paid Date:

The application fee was paid on 2025-01-15

Transaction/Voucher number:

The transaction number is 582EA000644476 and the voucher number is 741737

## Submission

Reference Number:

The application reference number is 679308

Submitted by:

The application was submitted by ER099749/William Leoni III

Submitted Timestamp:

The application was submitted on 2025-01-15 at 10:40:33 CST

Submitted From:

The application was submitted from IP address 12.55.191.54

Confirmation Number:

The confirmation number is 619120

Steers Version:

The STEERS version is 6.85

## Additional Information

Application Creator: This account was created by Jay T Lindholm JR