



July 3, 2024

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

Project No.: 10853-263

Attention: Samuel Short

Subject: New Air Quality Standard Permit for Permanent Rock Crushers
Asphalt Inc., LLC – CN604722728
Burnet Crushing Plant – RN NEW
Burnet, Burnet County, Texas

Mr. Short,

On behalf of Asphalt Inc., LLC, we are submitting this Air Quality Standard Permit Application for the above-referenced facility to be located near Burnet, Burnet County, Texas. A Form PI-1S, checklists, tables, maps, emission calculations, and supporting documents are attached with this application. Asphalt Inc., LLC will satisfy the applicable requirements of the Standard Permit for Permanent Rock Crushers.

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

Respectfully Submitted,
WESTWARD ENVIRONMENTAL, INC.

A handwritten signature in black ink that reads "Max Pickus".

Max Pickus
Environmental Specialist

Distribution: Addressee
✓ TCEQ Region 11 (Public Notice)
Mr. Thomas Playfair – Asphalt Inc., LLC
WEI 10853-263 file

Attachments

Office P.O. Box 2205 Boerne, TX 78006

Main 830.249.8284 | Fax 830.249.0221

Texas Registered **Engineering** Firm # F-4524

Texas Registered **Geoscience** Firm # 50112



westwardenv.com

Asphalt Inc., LLC
New Air Quality Standard Permit Application
Burnet Crushing Plant
Burnet, Burnet County, Texas

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July 2024

Westward Environmental, Inc.

Project No.: 10853-263

www.westwardenv.com



TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

| | | |
|--|---|--|
| 1. Reason for Submission (If other is checked please describe in space provided.) | | |
| <input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.) | | |
| <input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form) | <input type="checkbox"/> Other | |
| 2. Customer Reference Number (if issued) | Follow this link to search for CN or RN numbers in Central Registry** | 3. Regulated Entity Reference Number (if issued) |
| CN 604722728 | | RN New |

SECTION II: Customer Information

| | | | |
|---|--|---|--|
| 4. General Customer Information | | 5. Effective Date for Customer Information Updates (mm/dd/yyyy) | |
| <input type="checkbox"/> New Customer | | <input type="checkbox"/> Update to Customer Information | |
| <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts) | | <input type="checkbox"/> Change in Regulated Entity Ownership | |
| <i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i> | | | |
| 6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) | | If new Customer, enter previous Customer below: | |
| Asphalt Inc., LLC | | | |
| 7. TX SOS/CPA Filing Number | 8. TX State Tax ID (11 digits) | 9. Federal Tax ID (9 digits) | 10. DUNS Number (if applicable) |
| 0801852095 | 32052007807 | | |
| 11. Type of Customer: | <input checked="" type="checkbox"/> Corporation | <input type="checkbox"/> Individual | Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited |
| Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other | <input type="checkbox"/> Sole Proprietorship | <input type="checkbox"/> Other: | |
| 12. Number of Employees | 13. Independently Owned and Operated? | | |
| <input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input checked="" type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| 14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following | | | |
| <input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: | | | |
| <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant | | | |
| 15. Mailing Address: | 11675 Jollyville Rd | | |
| | Suite 150 | | |
| | City | Austin | State TX ZIP 78759 ZIP + 4 |
| 16. Country Mailing Information (if outside USA) | | 17. E-Mail Address (if applicable) | |
| | | thomas@lspaving.com | |
| 18. Telephone Number | 19. Extension or Code | 20. Fax Number (if applicable) | |
| (512) 428-5778 | | | |

SECTION III: Regulated Entity Information

| | |
|---|--|
| 21. General Regulated Entity Information (If "New Regulated Entity" is selected, a new permit application is also required.) | |
| <input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information | |
| <i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i> | |
| 22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.) | |
| Burnet Crushing Plant | |

| | | | | | | | | |
|---|--------------|--------|-------|----|-----|-------|---------|--|
| 23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i> | 3221 FM 3509 | | | | | | | |
| | City | Burnet | State | TX | ZIP | 78611 | ZIP + 4 | |
| 24. County | Burnet | | | | | | | |

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

| | | | | | | | | |
|--|-----------------------------------|---------|--|-------------------------------|---|-------|---------|--|
| 25. Description to Physical Location: | | | | | | | | |
| 26. Nearest City | State | | | | Nearest ZIP Code | | | |
| Burnet | TX | | | | 78611 | | | |
| <i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i> | | | | | | | | |
| 27. Latitude (N) In Decimal: | 30.7227 | | | 28. Longitude (W) In Decimal: | -98.3169 | | | |
| Degrees | Minutes | Seconds | Degrees | Minutes | Seconds | | | |
| 30 | 43 | 22.00 | 98 | 19 | 1.00 | | | |
| 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? <i>(Do not repeat the SIC or NAICS description.)</i> | | | | | | | | |
| Construction Materials | | | | | | | | |
| 34. Mailing Address: | 11675 Jollyville Road | | | | | | | |
| | Suite 150 | | | | | | | |
| | City | Austin | State | TX | ZIP | 78759 | ZIP + 4 | |
| 35. E-Mail Address: | thomas@lspaving.com | | | | | | | |
| 36. Telephone Number | 37. Extension or Code | | 38. Fax Number <i>(if applicable)</i> | | | | | |
| (512) 428-5778 | | | | | | | | |

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"/> Wastewater | <input type="checkbox"/> Wastewater Agriculture | <input type="checkbox"/> Water Rights | <input type="checkbox"/> Other: |

SECTION IV: Preparer Information

| | | | |
|----------------------|---------------|----------------|--------------------------|
| 40. Name: | Max Pickus | 41. Title: | Environmental Specialist |
| 42. Telephone Number | 43. Ext./Code | 44. Fax Number | 45. E-Mail Address |
| 830-249-8284 | | 830-249-0221 | mpickus@westwardenv.com |

SECTION V: Authorized Signature

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

| | | | |
|--------------------------|-------------------|------------|----------------|
| Company: | Asphalt Inc., LLC | Job Title: | Manager |
| Name <i>(In Print)</i> : | Thomas Playfair | Phone: | (512) 428-5778 |
| Signature: | STEERS | Date: | |

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

| |
|---|
| I. Registrant Information |
| A. Company or Other Legal Customer Name: |
| Asphalt Inc., LLC |
| B. Company Official Contact Information (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) |
| Name: Thomas Playfair |
| Title: Manager |
| Mailing Address: 11675 Jollyville Road, Suite 150 |
| City: Austin |
| State: TX |
| ZIP Code: 78759 |
| Telephone No.: (512) 428-5778 |
| Fax No.: |
| Email Address: thomas@lspaving.com |
| <i>All permit correspondence will be sent via email.</i> |
| C. Technical Contact Information (Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) |
| Name: Max Pickus |
| Title: Environmental Specialist |
| Company Name: Westward Environmental, Inc. |
| Mailing Address: P.O. Box 2205 |
| City: Boerne |
| State: TX |
| ZIP Code: 78006 |
| Telephone No.: 830-249-8284 |
| Fax No.: 830-249-0221 |
| Email Address: mpickus@westwardenv.com |
| II. Facility and Site Information |
| A. Name and Type of Facility |
| Facility Name: Burnet 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

| | |
|---|---|
| II. Facility and Site Information (continued) | |
| For portable units, please provide the serial number of the equipment being authorized below. | |
| Serial No(s): Currently Unavailable | |
| B. Facility Location Information | |
| Street Address: 3221 FM 3509 | |
| If there is no street address, provide written driving directions to the site and provide the closest city or town, county, and ZIP code for the site (attach description if additional space is needed). | |
| | |
| | |
| City: Burnet | |
| County: Burnet | |
| ZIP Code: 78611 | |
| C. Core Data Form (required for Standard Permits 6006, 6007, and 6013). | |
| Is the Core Data Form (TCEQ Form 10400) attached? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Customer Reference Number (CN): | |
| Regulated Entity Number (RN): | |
| D. TCEQ Account Identification Number (if known): | |
| E. Type of Action | |
| <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: | |
| F. Standard Permit Claimed: 6013 | |
| G. Previous Standard Exemption or PBR Registration Number: | |
| Is this authorization for a change to an existing facility previously authorized under a standard exemption or PBR? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If "Yes," enter previous standard exemption number(s) and PBR registration number(s) and associated effective date in the spaces provided below. | |
| | |
| | |

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

| | |
|---|---|
| II. Facility and Site Information (continued) | |
| H. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit | |
| Are there any other facilities at this site that are authorized by an Air Standard Exemption, PBR, or Standard Permit? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If "Yes," enter standard exemption number(s), PBR registration number(s), and Standard Permit registration number(s), and associated effective date in the spaces provided below. | |
| Standard Exemption, PBR Registration, and Standard Permit Registration Number(s) and Effective Date(s) | |
| | |
| | |
| | |
| I. Other Air Preconstruction Permits | |
| Are there any other air preconstruction permits at this site? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If "Yes," enter permit number(s) in the spaces provided below. | |
| | |
| | |
| J. Affected Air Preconstruction Permits | |
| Does the standard permit directly affect any permitted facility? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If "Yes," enter permit number(s) in the spaces provided below. | |
| | |
| | |
| K. Federal Operating Permit (FOP) Requirements | |
| Is this facility located at a site that is required to obtain a FOP pursuant to 30 TAC Chapter 122? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> To Be Determined |
| Check the requirements of 30 TAC Chapter 122 that will be triggered if this standard permit is approved (check all that apply). | |
| <input type="checkbox"/> Initial Application for 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. (check all that apply) | |
| <input type="checkbox"/> SOP <input type="checkbox"/> GOP <input type="checkbox"/> GOP application/revision (submitted or under APD review) <input checked="" type="checkbox"/> N/A | |
| <input type="checkbox"/> SOP application/revision (submitted or under APD review) | |

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

| | |
|---|--|
| III. Fee Information (go to www.tceq.texas.gov/epay to pay online) | |
| A. | Fee Amount: \$900 |
| B. | Voucher number from ePay: |
| IV. Public Notice (if applicable) | |
| A. | Responsible Person (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) |
| Name: Debbi Mathews | |
| Title: Public Notice Coordinator | |
| Company: Westward Environmental, Inc. | |
| Mailing Address: P.O. Box 2205 | |
| City: Boerne | |
| State: TX | |
| ZIP Code: 78006 | |
| Telephone No.: (830) 249-8284 | |
| Fax No.: (830) 249-0221 | |
| Email Address: dmathews@westwardenv.com | |
| B. | Technical Contact (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other:) |
| Name: Melissa Fitts | |
| Title: Senior Vice President | |
| Company: Westward Environmental, Inc. | |
| Mailing Address: P.O. Box 2205 | |
| City: Boerne | |
| State: TX | |
| ZIP Code: 78006 | |
| Telephone No.: (830) 249-8284 | |
| Fax No.: (830) 249-0221 | |
| Email Address: mfitts@westwardenv.com | |
| C. Bilingual Notice | |
| Is a bilingual program required by the Texas Education Code in the School District? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| Are the children who attend either the elementary school or the middle school closest to your facility eligible to be enrolled in a bilingual program provided by the district? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |

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

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

Form PI-1S
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): ASAP

Projected Start of Operation (provide date): ASAP

Length of Time at the Site: Permanent (>180 Days)

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.

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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): Thomas Playfair

Signature (original signature required): STEERS

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/.

Asphalt Inc., LLC
Air Quality Standard Permit for Permanent Crushers
Burnet Crushing Plant
Burnet, Burnet County, Texas

Project Description

Pursuant to a new Air Quality Standard Permit for Permanent Rock Crushers, Asphalt Inc., LLC proposes to permanently authorize a Crushing Plant near Burnet, Burnet County, Texas.

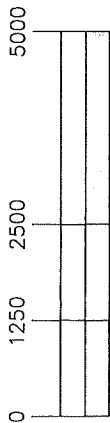
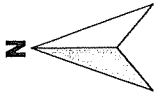
The facility will be located on-site permanently (for more than 180 days) with maximum production rates of 200 tons per hour (TPH) and 528,000 tons per year (TPY). All crushers, associated facilities, and associated sources (excluding stockpiles) will not operate at the subject site for more than 2,640 hours in any rolling 12-month period, and they will not operate from one hour after official sunset to one hour before official sunrise.

The facility may move around on-site but will be located at a distance greater than 200 feet from the nearest property line at all times and greater than 440 yards from any building in use as a single or multi-family residence, school, or place of worship at the time this application was filed. All associated sources, including roads (except incidental traffic and the entrance/exit), work areas, and stockpiles, will be located at least 100 feet from the property line.

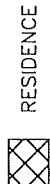
Any emissions from startup or shutdown are not expected to be any worse over a full hour than emissions during normal operation, and thus should be included in this permit. Any planned maintenance activities for this facility will be considered de minimis (30 TAC 116.119) or authorized under a separate PBR (30 TAC 106) as necessary.

Asphalt Inc., LLC will utilize BACT at the facility. Permanently mounted spray bars shall be installed at the inlet/outlet of all crushers, at all shaker screens, and at all material transfer points and used as necessary to maintain compliance with TCEQ rules and regulations. Dust emissions from in-plant roads and active work areas that are associated with the operation of this facility shall be minimized by watering. All stockpiles shall be sprinkled with water as necessary to minimize dust emissions.

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



SCALE: 1" = 2500'



RESIDENCE

3509

3509

3509

3000-FOOT OFFSET FROM APPROX PROPERTY LINE

APPROX PROPERTY LINE

440-YARD OFFSET FROM APPROX PROPERTY LINE

IMAGE:

BING ROAD MAPS

| | |
|-------------|------------|
| ISSUE DATE: | 07/03/2024 |
| DRAWN BY: | MP |
| CHECKED BY: | MF |
| SCALE: 1" = | 2500' |
| JOB NO.: | 10853-263 |

AREA MAP

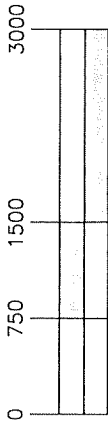
PERMANENT SP CRUSHER
 ASPHALT INC., LLC
 BURNET, BURNET COUNTY, TEXAS

| REV. | DESCRIPTION | BY | DATE |
|------|-------------|----|------|
| | | | |

SHEET NO.:

WESTWARD

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



SCALE: 1" = 1500'

FM 3509

WILLIAMS RD

200-FOOT OFFSET FROM APPROX PROPERTY LINE

APPROXIMATE PROPERTY LINE

PROPOSED LOCATION OF CRUSHING PLANT

440-YARD OFFSET FROM CRUSHING PLANT



IMAGE:

BING AERIAL

ISSUE DATE: 07/03/2024

DRAWN BY: MP

CHECKED BY: MF

SCALE: 1" = 1500'

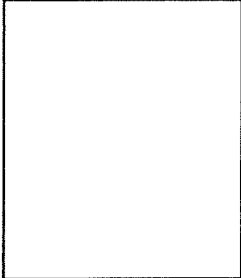
JOB NO.: 10853-263

SHEET NO.:

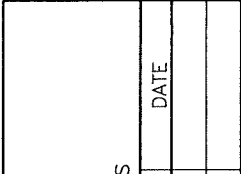
PLOT PLAN

PERMANENT SP CRUSHER
ASPHALT INC., LLC
BURNET, BURNET COUNTY, TEXAS

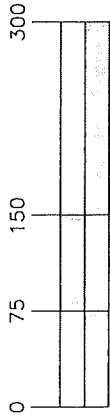
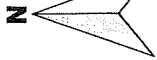
REV. DESCRIPTION BY DATE



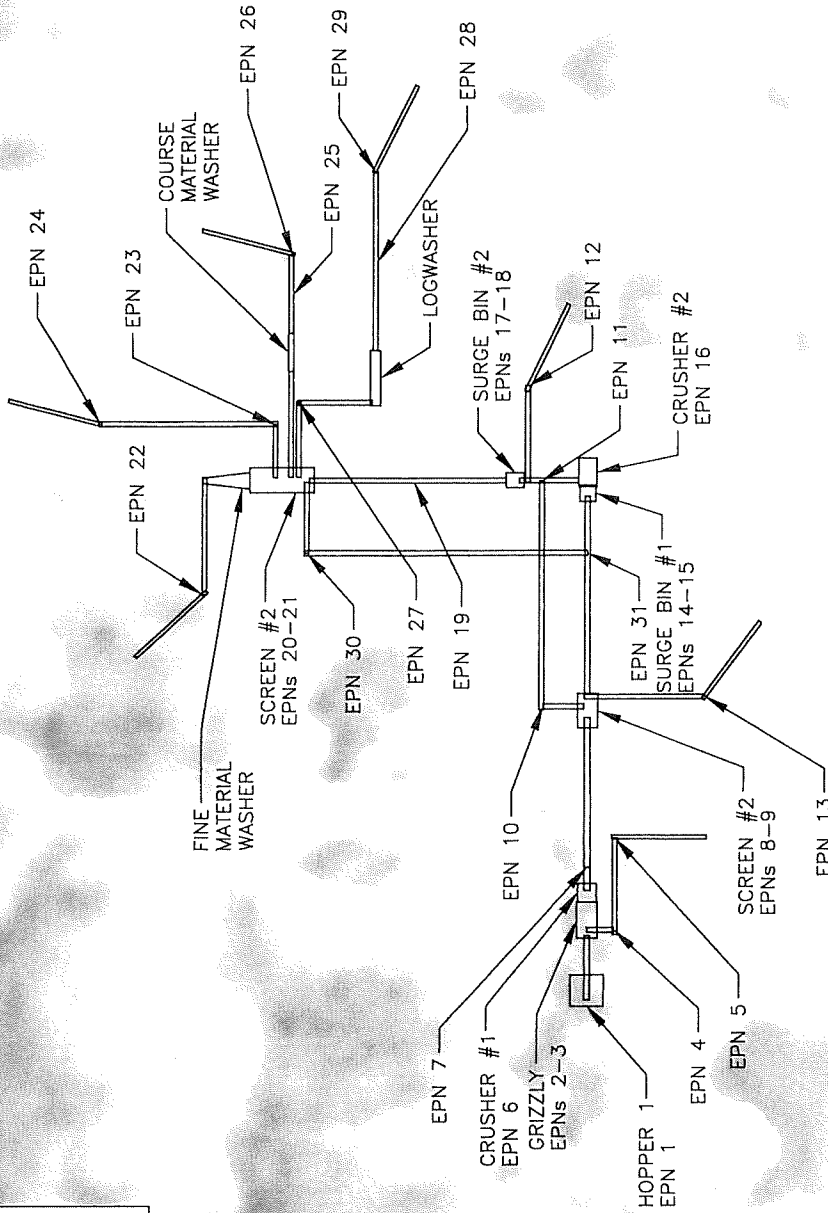
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WESTWARD
Environmental Engineering, Natural Resources.
P.O. Box 2205 Boerne, Texas 78006
(830) 249-8284 Fax: (830) 249-0221
TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112



SCALE: 1" = 150'



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PLOT PLAN DETAIL

PERMANENT SP CRUSHER
ASPHALT INC., LLC
BURNET, BURNET COUNTY, TEXAS

| REV. | DESCRIPTION | BY | DATE |
|------|-------------|----|------|
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|-------------|-------------|
| IMAGE: | BING AERIAL |
| ISSUE DATE: | 07/03/2024 |
| DRAWN BY: | MP |
| CHECKED BY: | MF |
| SCALE: 1" = | 150' |
| JOB NO.: | 10853-263 |

Asphalt Inc., LLC
Air Quality Standard Permit for Permanent Crushers
Burnet Crushing Plant
Burnet, Burnet County, Texas

Process Description

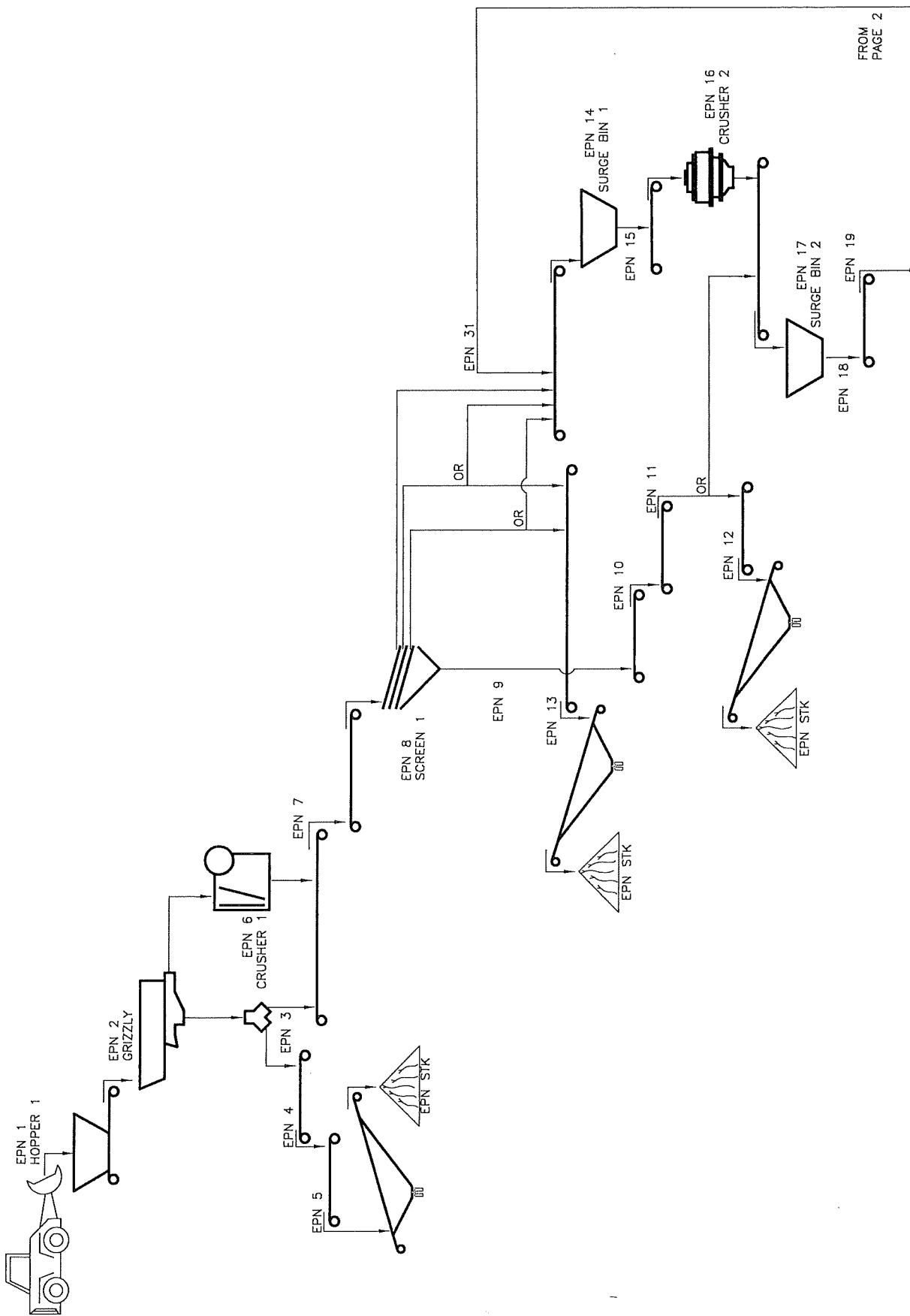
Aggregate material is transported to the Hopper 1 (EPN 1) by a front-end loader or haul truck and is conveyed to the Grizzly (EPN 2). Smaller material is transferred (EPN 3) from the Grizzly to an underlying conveyor, where it is either conveyed to a stacker and stockpiled (EPNs 4-5) or is rejoined with material on a conveyor from Crusher #1 (EPN 6). Material from the conveyor and crusher is transferred (EPN 7) to the Screen 1 (EPN 8). Material passing through the Screen is dropped (EPN 9) and conveyed (EPNs 10-11) either to a stacker (EPN 12) to be stockpiled or to a conveyor feeding Surge Bin 2 (EPN 17). Material from the middle decks of the screen is either conveyed to a stacker (EPN 13) to be stockpiled or it joins material from the top deck of the screen to be conveyed to a Surge Bin 1 (EPN 14). Material from the Surge Bin 1 is dropped (EPN 15) and conveyed into the Crusher 2 (EPN 16). Crushed material is conveyed into the Surge Bin 2 (EPN 17). Material from the Surge Bin 2 is dropped (EPN 18) and conveyed (EPN 19) to Screen 2 (EPNs 20-21). Material out the bottom of the screen is sent to a Fine Material Washer. From the Fine Material Washer, the material is conveyed (EPN 22) to a stacker to be stockpiled. Material off the bottom deck of the screen is conveyed (EPNs 23-24) to a stacker to be stockpiled. Material off the third deck of the screen is either sent to the Course Material Washer and then conveyed (EPNs 25-26) to a stacker to be stockpiled or is conveyed (EPN 27) to the Log Washer and then conveyed (EPNs 28-29) to be stockpiled. Material off the second deck of the screen either joins the material transferred to the Log Washer or is conveyed (EPNs 30-31) back to be recycled into Crusher 2. Material off the top deck of the screen joins the material being recycled into Crusher 2.

Stockpile emissions (STK) are calculated based on ten acres.

Asphalt Inc., LLC will utilize a belt scale to regulate maximum throughput at less than 200 TPH.

This facility will be powered by electric line power.

Please refer to the attached flow diagram in order to follow the process description detailed above.




WESTWARD

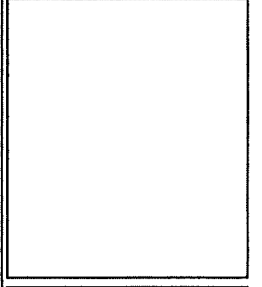
Environmental Engineering. Natural Resources.

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TBPE REG. NO.: F-4524

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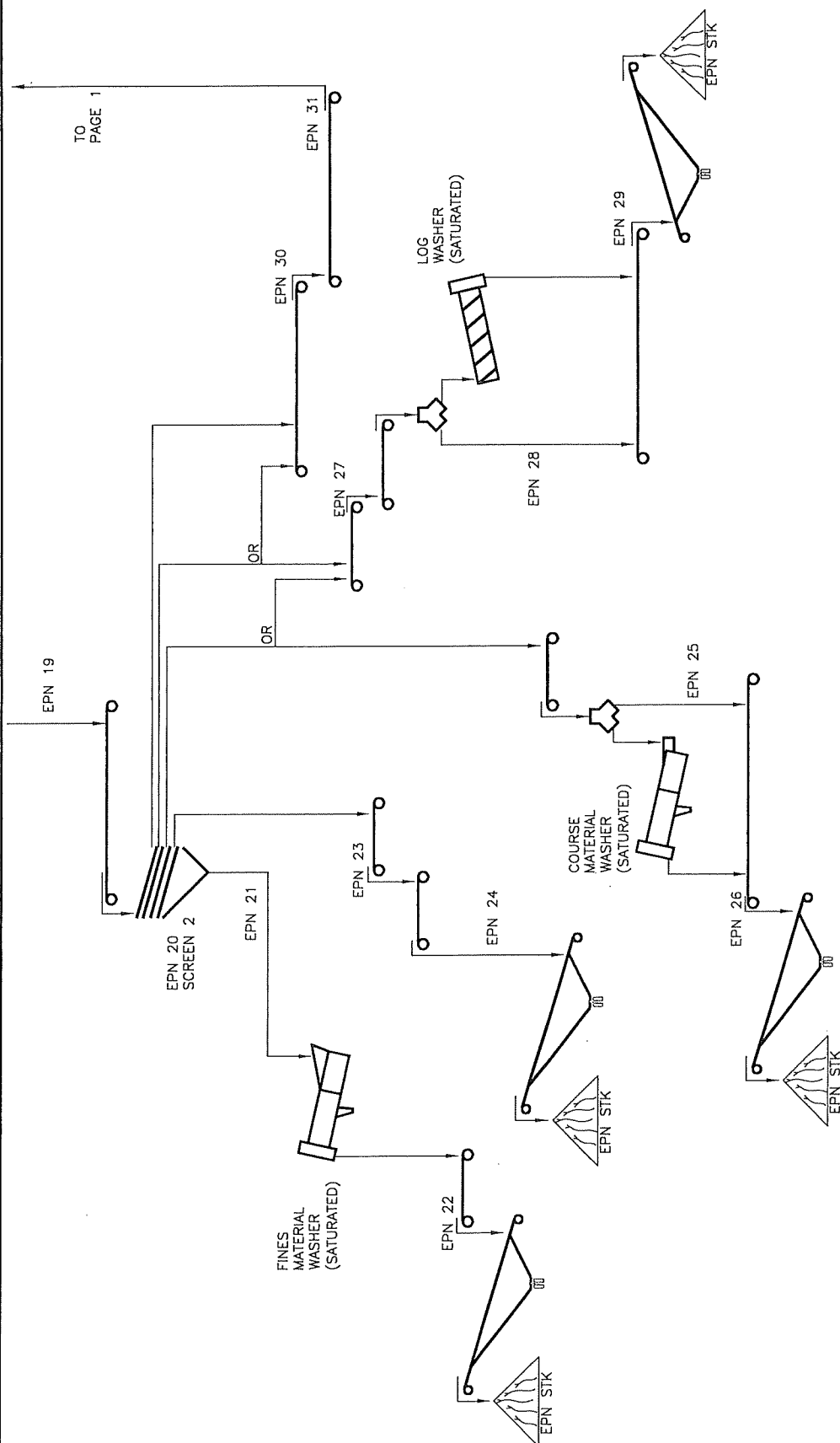
FLOW DIAGRAM - P1

PERMANENT SP CRUSHER
ASPHALT INC., LLC
BURNET, BURNET COUNTY, TEXAS

| REV. | DESCRIPTION | BY | DATE |
|------|-------------|----|------|
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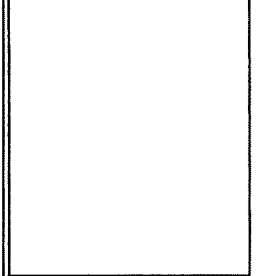
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|---------------|---------------------------|-----------------|-------------------|--------------------|
| IMAGE: N/A | ISSUE DATE: 07/03/2024 | DRAWN BY: MP | CHECKED BY: MF | SCALE: 1" = NTS |
| JOB #: | | | | 10853-263 |

| | |
|----------|----------|
| SHEET #: | 1 |
| OF 2 | |



TO
PAGE 1

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TBPE REG. NO.: F-4524
TBPG REG. NO.: 50112



FLOW DIAGRAM - P2
PERMANENT SP CRUSHER
ASPHALT INC., LLC
BURNET, BURNET COUNTY, TEXAS

| REV. | DESCRIPTION | BY | DATE |
|------|-------------|----|------|
| | | | |
| | | | |

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| IMAGE: | N/A |
| ISSUE DATE: | 07/03/2024 |
| DRAWN BY: | MP |
| CHECKED BY: | MF |
| SCALE: | 1" = NTS |
| JOB #: | 10853-263 |



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).

| | |
|---|--|
| Please Check The Type of Facility: <input checked="" type="checkbox"/> Rock Crusher <input type="checkbox"/> Concrete Crusher | |
| CONDITION NUMBER AND DESCRIPTION | |
| (1)(B) 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? (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.) | <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A |
| (1)(C)(ii) 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? | <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A |
| (1)(D) In lieu of meeting the distance requirements in (1)(B), will all the following occur: (1)(D)(i) 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? (1)(D)(ii) Will this plant operate onsite for one period of 180 calendar days or less? (1)(D)(iii) Will all applicable conditions stated in commission rules, including operating conditions be met? (1)(D)(iv) 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? | <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A |
| (1)(E) 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? | <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

| | |
|---|---|
| Please Check The Type of Facility: <input checked="" type="checkbox"/> Rock Crusher <input type="checkbox"/> Concrete Crusher | |
| CONDITION NUMBER AND DESCRIPTION <i>(continued)</i> | |
| <p>(1)(F) 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> 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><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p> |
| <p>(1)(G) 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> 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><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p> |
| <p>(1)(H) Has construction and/or operation begun on the facility?</p> <p> 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><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A</p> |
| <p>(1)(I) 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> |
| <p>(1)(J) 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> |
| <p>(1)(K) 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> |
| <p>(1)(L) 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> |
| <p>(1)(M) 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> 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><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

| | |
|--|--|
| Please Check The Type of Facility: <input checked="" type="checkbox"/> Rock Crusher <input type="checkbox"/> Concrete Crusher | |
| CONDITION NUMBER AND DESCRIPTION <i>(continued)</i> | |
| (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.) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| | 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.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| | Will start-up and shutdown emissions exceed those expected during production operations? <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 |
| PUBLIC NOTICE REQUIREMENTS - Detailed Public Notice Information will be Sent upon Determination of Technical Completeness | |
| (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 |
| OPERATIONAL REQUIREMENTS | |
| (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? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A (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). |



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

| | |
|---|--|
| Please Check The Type of Facility: <input checked="" type="checkbox"/> Rock Crusher <input type="checkbox"/> Concrete Crusher | |
| OPERATIONAL REQUIREMENTS (continued) | |
| (3)(D) 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? 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? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A |
| (3)(E) 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? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(F) 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? (Equipment that is not a source of emissions does not require authorization.) | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(G) Will any of the crushers, associated facilities, and/or associated sources (excluding stockpiles) exceed 2,640 operating hours in any rolling 12-month period? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(H) 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? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(I) Will all crushers be equipped with runtime meters and will the runtime meters be operating during crushing operations? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(J) 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? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(K) 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? Will opacity of emissions from any crusher exceed 15 percent, averaged over a six-minute period as determined using EPA Test Method 9? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(L) 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? | <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

| | | |
|--|---|--|
| Please Check The Type of Facility: | | <input checked="" type="checkbox"/> Rock Crusher <input type="checkbox"/> Concrete Crusher |
| OPERATIONAL REQUIREMENTS <i>(continued)</i> | | |
| (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? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(M)(ii) | Dust-suppressant chemicals? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(M)(iii) | Water? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(M)(iv) | Paved with a cohesive hard surface that is maintained intact and cleaned? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(N) | Will all stockpiles be sprinkled with water, dust-suppressant chemicals, or covered, as necessary, to minimize dust emissions? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(O) | Will raw material and product stockpile heights exceed 45 ft? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| (3)(P) | Will the crusher be equipped with a weigh hopper or scale belt that accurately determines the mass of material being crushed? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| (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? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |

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

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

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

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

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

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

Total Emissions

Emission Calculations Prepared By Westward Environmental, Inc.

The total emissions from the proposed rock crushing facility (including plant and annual stockpiles) are tabulated below.

| | <u>lb/hr</u> | <u>TPY</u> |
|-------|--------------|------------|
| PM | 1.92 | 9.76 |
| PM10 | 0.67 | 4.50 |
| PM2.5 | 0.11 | 0.70 |

Plant Emissions

Emission Calculations Prepared By Westward Environmental, Inc.

| EPN | Name | Quantity (TPH) | Quantity (TPY) | CE | Conveyor Length (ft) | EF - PM2.5 ^e | PM2.5 (lb/hr) | PM2.5 (TPY) | EF - PM10 ^a | PM10 (lb/hr) | PM10 (TPY) | EF - PM ^a | PM (lb/hr) | PM (TPY) |
|-----|-----------------------------|----------------|----------------|----|----------------------|-------------------------|---------------|-------------|------------------------|--------------|------------|----------------------|------------|----------|
| 1 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | N/A | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 2 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 3 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 4 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 5 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 6 | Primary Crushing (Jaw)- Wet | 200 | 528,000 | 0% | | ND | 0.00303 | 0.00400 | 0.0001 | 0.02000 | 0.02640 | 0.00021 | 0.0420 | 0.0554 |
| 7 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 8 | Screening (All)- Wet | 200 | 528,000 | 0% | | 0.00005 | 0.01000 | 0.01320 | 0.00074 | 0.14800 | 0.19536 | 0.0022 | 0.4400 | 0.5808 |
| 9 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 10 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 11 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 12 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 13 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 14 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 15 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 16 | Secondary Crushing- Wet | 200 | 528,000 | 0% | | 0.0001 | 0.02000 | 0.02640 | 0.00054 | 0.10800 | 0.14256 | 0.0012 | 0.2400 | 0.3168 |
| 17 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 18 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 19 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 20 | Screening (All)- Wet | 200 | 528,000 | 0% | | 0.00005 | 0.01000 | 0.01320 | 0.00074 | 0.14800 | 0.19536 | 0.0022 | 0.4400 | 0.5808 |
| 21 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 22 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 23 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 24 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 25 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 26 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |

| EPN | Name | Quantity (TPH) | Quantity (TPY) | CE | Conveyor Length (ft) | EF - PM2.5 ^a | PM2.5 (lb/hr) | PM2.5 (TPY) | EF - PM10 ^a | PM10 (lb/hr) | PM10 (TPY) | EF - PM ^a | PM (lb/hr) | PM (TPY) |
|-----|------------------------|----------------|----------------|----|----------------------|-------------------------|---------------|-------------|------------------------|--------------|-------------|----------------------|-------------|-------------|
| 27 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 28 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 29 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 30 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| 31 | Conveyor Transfer- Wet | 200 | 528,000 | 0% | | 0.000013 | 0.00260 | 0.00343 | 0.000046 | 0.00920 | 0.01214 | 0.00014 | 0.0280 | 0.0370 |
| | | | | | | Subtotals | 0.11 | 0.15 | Subtotals | 0.67 | 0.89 | Subtotals | 1.92 | 2.53 |

a. Emission factors (EF) used per EPA AP-42 Table 11.19.2-2 (August 2004), TCEQ Table 6 - Summary of Rock Crushing Emission Factors (February 2002), TCEQ Rock Crusher Emission Factors (March 2006). Controlled emission factors used based on moisture content of the material greater than 1.5%.

b. ND = No Data for EF for PM2.5, so emissions were calculated using ratio (15.14% of particle size multipliers (k-values) from EPA AP-42 Chapter 13.2.4 to convert PM10 (0.35) to PM2.5 (0.053)

Stockpiles
(EPN STK)

Emission Calculations Prepared By Westward Environmental, Inc.

Annual Plant Stockpile Emissions

| EPN | Total Active, A (acres) | Active Days | CF ^b | EF ^a - Active PM | Active PM (TPY) | Active PM10 (TPY) | Active PM2.5 (TPY) ^c |
|------|----------------------------|----------------|-----------------|--------------------------------|--------------------|----------------------|------------------------------------|
| STK1 | 10 | 365 | 0.30 | 13.2 | 7.227 | 3.614 | 0.5472 |

Active PM = A x Active Days x EF x CF /2000 = 7.23 Tons per year PM (active)
 Active PM10 = Active PM x 0.5 = 3.61 Tons per year PM10 (active)
 Active PM2.5 = Active PM10 x 0.15 = 0.55 Tons per year PM2.5 (active)

| EPN | Total Inactive, IA (acres) | Inactive Days | CF ^b | EF ^a - Inactive PM | Inactive PM (TPY) | Inactive PM10 (TPY) | Inactive PM2.5 (TPY) ^c |
|------|-------------------------------|------------------|-----------------|----------------------------------|----------------------|------------------------|--------------------------------------|
| STK2 | 0 | 365 | 0.30 | 3.5 | 0.00 | 0.00 | 0.00 |

Inactive PM = IA x Inactive Days x EF x CF /2000 = 0.00 Tons per year PM (inactive)
 Inactive PM10 = Inactive PM x 0.5 = 0.00 Tons per year PM10 (inactive)
 Inactive PM2.5 = Inactive PM10 x 0.15 = 0.00 Tons per year PM2.5 (inactive)

| EPN | Total Area, A (acres) | Total PM (TPY) | Total PM10 (TPY) | Total PM2.5 (TPY) |
|-------------------|--------------------------|-------------------|---------------------|----------------------|
| STK = STK1 + STK2 | 10 | 7.23 | 3.61 | 0.55 |

- a. Emission factors, EF, utilized from TCEQ Guidance for Rock Crushing Plants. Active stockpiles includes pile formation (loading onto), digging into piles (loading out of), traffic in pile area, & wind erosion of piles.
 - b. Control Factor, CF = 1 - CE, of 30% or 0.30 (70% control efficiency, CE) used due to water controls.
 - c. PM2.5 emissions are calculated using estimated ratio of aerodynamic particle size multiplier (k-values) from EPA AP-42 Chapter 13.2.4 using the drop point Equation (1) to convert PM10 to PM2.5 (0.15143).
- Roads and stockpiles will be watered as necessary to control emissions.



Texas Commission on Environment Quality

Table 17
Rock Crushers

| | | | | |
|---|--|---|---|---------------------------------------|
| Please Complete the Following | | | | |
| Maximum operating schedule: | <input checked="" type="checkbox"/> < 12 hours/day | <input type="checkbox"/> < 7 days/week | <input type="checkbox"/> < 52 weeks/year | |
| Does the facility operate at night? | | | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| Maximum Plant Production Rates: | | | | |
| <input checked="" type="checkbox"/> Primary Crusher | Type: Jaw | 200 tons/hour | 528,000 tons/year | |
| <input checked="" type="checkbox"/> Secondary Crusher(s) | Type: Cone | 200 tons/hour | 528,000 tons/year | |
| <input type="checkbox"/> Tertiary Crusher(s) | Type: | tons/hour | tons/year | |
| The Following Pieces of Equipment will be Controlled as Shown: | | | | |
| 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: _____ |
| If Water Sprays are used, Provide the Following Data: | | | | |
| Water Flow Rate (gpm): 1-3 | | | | |
| Water Pressure at the Nozzle (psi): 30 | | | | |
| Number of Nozzles at each location: 1-5 | | | | |
| <i>If baghouse is used, attach a Table 11 "Fabric Filters."</i> | | | | |
| Average material moisture content (%): >1.5% | | | | |
| Maximum acreage covered by stockpiles (acres): 10 | | | | |
| 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: _____ | | | | |

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.