



Texas Commission on Environment Quality

Table 17
Rock Crushers

Please Complete the Following					
Maximum operating schedule:	10	hours/day	5	days/week	52 weeks/year
Does the facility operate at night?					☐ YES ☒ NO
Maximum Plant Production Rates:					
☒ Primary Crusher	Type: Model:48445, S/N: 3054	200	tons/hour	520,000	tons/year
☒ Secondary Crusher(s)	Type: S/N:TRX1350PLOKRH195	100	tons/hour	260,000	tons/year
☐ Tertiary Crusher(s)	Type:		tons/hour		tons/year
The Following Pieces of Equipment will be Controlled as Shown:					
Feed Hoppers:	☐ None	☒ Water Spray	☐ Suction to Baghouse	☐ Other:_____	
All Belt Transfer Points:	☐ None	☒ Water Spray	☐ Suction to Baghouse	☐ Other:_____	
Inlet of all Crushers:	☐ None	☒ Water Spray	☐ Suction to Baghouse	☐ Other:_____	
Outlet of all Crushers:	☐ None	☒ Water Spray	☐ Suction to Baghouse	☐ Other:_____	
All Shaker Screens:	☐ None	☒ Water Spray	☐ Suction to Baghouse	☐ Other:_____	
If Water Sprays are used, Provide the Following Data:					
Water Flow Rate (gpm): 4					
Water Pressure at the Nozzle (psi): 5					
Number of Nozzles at each location: 4					
<i>If baghouse is used, attach a Table 11 "Fabric Filters."</i>					
Average material moisture content (%): 5					
Maximum acreage covered by stockpiles (acres): 3					
Stockpiles have the following controls:		☐ None	☒ Water	☐ Chemical	
In-plant roads will be:		☐ Paved and Vacuumed	☐ Paved and Swept	☐ Oiled	
☒ Sprinkled with Water and/or Chemicals		☐ Other:_____			

PRINT FORM

RESET FORM



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: ☒ Rock Crusher ☐ 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.)	☐ YES ☐ NO ☒ 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?	☐ YES ☐ NO ☒ 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?	☐ YES ☐ NO ☒ N/A
(1)(D)(ii) Will this plant operate onsite for one period of 180 calendar days or less?	☐ YES ☐ NO ☒ N/A
(1)(D)(iii) Will all applicable conditions stated in commission rules, including operating conditions be met?	☐ YES ☐ NO ☒ N/A
(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?	☐ YES ☐ NO ☒ 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?	☐ YES ☒ NO ☐ N/A



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

Please Check The Type of Facility:		☒ Rock Crusher ☐ Concrete Crusher
CONDITION NUMBER AND DESCRIPTION (continued)		
(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?	☐ YES ☒ NO ☐ N/A
	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?	☐ YES ☒ NO ☐ N/A
(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?	☒ YES ☐ NO ☐ N/A
	Is the company's compliance history rating poor?	☐ YES ☒ NO ☐ N/A
(1)(H)	Has construction and/or operation begun on the facility?	☒ YES ☐ NO ☐ N/A
	Is there a non operational crusher stored onsite?	☐ YES ☒ NO ☐ N/A
(1)(I)	In accordance with 30 TAC § 116.614, Standard Permit Fees, was a \$900 fee sent to TCEQ Revenue Section?	☒ YES ☐ NO ☐ N/A
(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?	☒ YES ☐ NO ☐ N/A
(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?	☒ YES ☐ NO ☐ N/A
(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?	☐ YES ☐ NO ☒ N/A
(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?	☒ YES ☐ NO ☐ N/A
	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?	☒ YES ☐ NO ☐ N/A



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

Please Check The Type of Facility: ☒ Rock Crusher ☐ Concrete Crusher	
CONDITION NUMBER AND DESCRIPTION (continued)	
(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?	☒ YES ☐ NO ☐ N/A
(1)(P) Have maintenance emissions been authorized? (Maintenance emissions are not included in this permit and must be approved under separate authorization.)	☒ YES ☐ NO ☐ 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.)	☒ YES ☐ NO ☐ N/A
Will start-up and shutdown emissions exceed those expected during production operations?	☐ YES ☒ NO ☐ 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?	☐ YES ☒ NO ☐ 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?	☒ YES ☐ NO ☐ N/A
OPERATIONAL REQUIREMENTS	
(3)(A) Will the primary crusher throughput exceed 200 tons per hour?	☐ YES ☒ NO ☐ 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?	☐ YES ☒ NO ☐ 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).	☒ YES ☐ NO ☐ N/A



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

Please Check The Type of Facility: ☒ Rock Crusher ☐ 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? ☐ YES ☐ NO ☒ N/A 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? ☐ YES ☐ NO ☒ 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? ☒ YES ☐ NO ☐ 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.) ☐ YES ☒ NO ☐ 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? ☐ YES ☒ NO ☐ 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? ☐ YES ☒ NO ☐ N/A
(3)(I)	Will all crushers be equipped with runtime meters and will the runtime meters be operating during crushing operations? ☒ YES ☐ NO ☐ 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? ☒ YES ☐ NO ☐ 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? ☐ YES ☒ NO ☐ N/A Will opacity of emissions from any crusher exceed 15 percent, averaged over a six-minute period as determined using EPA Test Method 9? ☐ YES ☒ NO ☐ 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? ☐ YES ☒ NO ☐ N/A



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

Please Check The Type of Facility:

☒ Rock Crusher ☐ Concrete Crusher

OPERATIONAL REQUIREMENTS (continued)

(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?	☐ YES ☒ NO ☐ N/A
(3)(M)(ii)	Dust-suppressant chemicals?	☐ YES ☒ NO ☐ N/A
(3)(M)(iii)	Water?	☒ YES ☐ NO ☐ N/A
(3)(M)(iv)	Paved with a cohesive hard surface that is maintained intact and cleaned?	☐ YES ☒ NO ☐ N/A
(3)(N)	Will all stockpiles be sprinkled with water, dust-suppressant chemicals, or covered, as necessary, to minimize dust emissions?	☒ YES ☐ NO ☐ N/A
(3)(O)	Will raw material and product stockpile heights exceed 45 ft?	☐ YES ☒ NO ☐ 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?	☒ YES ☐ NO ☐ 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?	☒ YES ☐ NO ☐ N/A

PROCESS FLOW DESCRIPTION

The aggregate raw material is fed into Hopper 1 (EPN 1) by an excavator. Scalped/Dirt material passing through (EPN 2) Hopper 1 is stockpiled. The majority of the material is fed into Crusher 1 (EPN 3). The conveyor beneath Crusher 1 then transfers material (EPN 4) to Screen 1 (EPN 5); smaller material passing through Screen 1 (EPN 6) is stockpiled. Sized material from the other two decks of Screen 1 is conveyed to their respective stockpiles (EPNs 7-8). Oversized material from Screen 1 is conveyed (EPN 9) to Crusher 2 (EPN 10). Material is then conveyed (EPN 11) from Crusher 2 back to Crusher 1 to recycle the process.

The plant will be powered electrically, and no engines causing emissions will be used.

Stockpile emissions (EPN STK) are calculated based on 3 acres.

ZD Sand LLC will utilize a belt scale to regulate maximum throughput at less than 200 TPH.

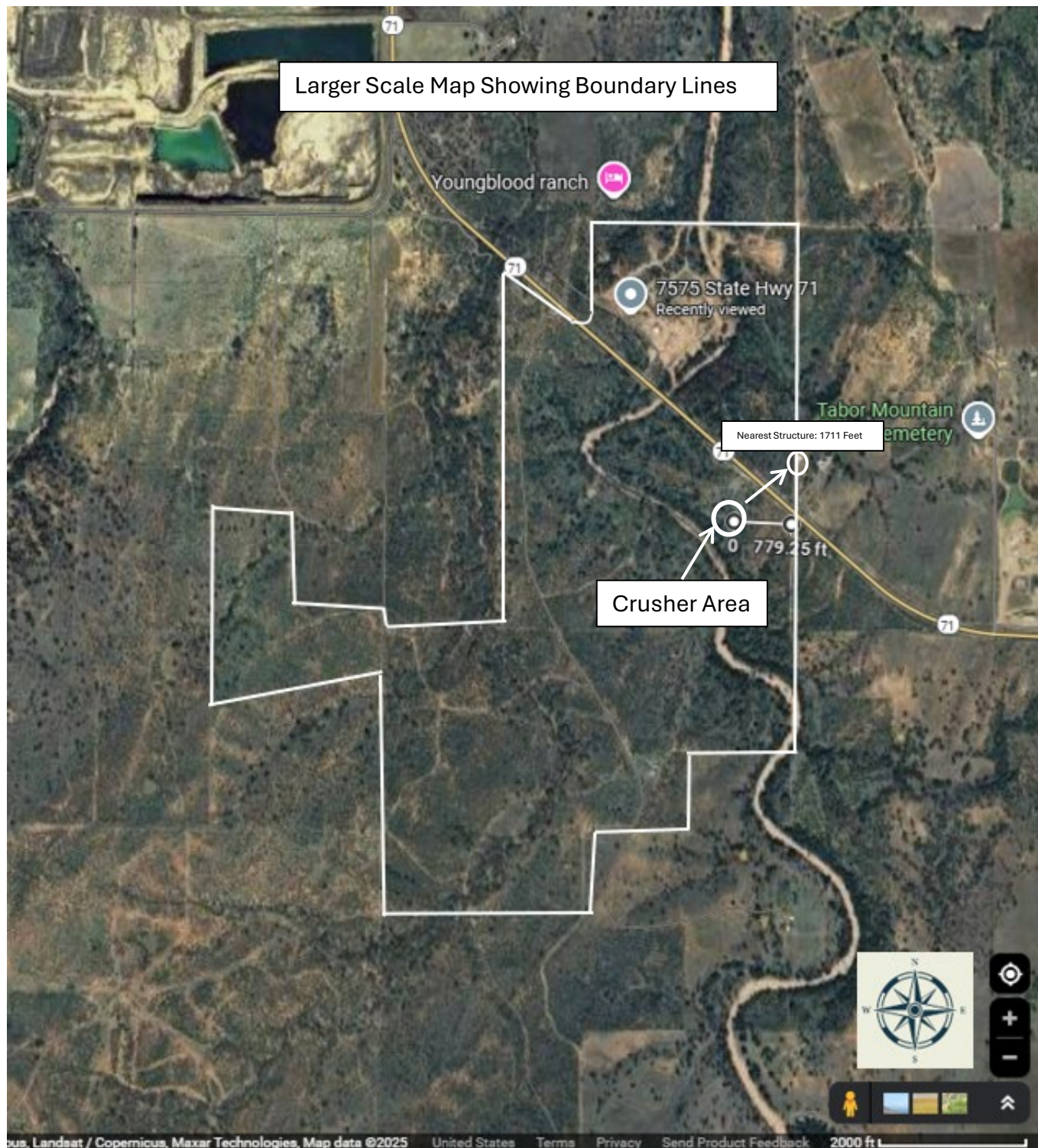
Please refer to the attached flow diagram in order to follow the process description detailed above.



Benchmark #1: Entrance to property (30.977167, -99.137550)

Benchmark #2: Property Corner East (30.975641, -99.135213)

EPN	Name	Current Authorization	Future Authorization
EPN#1	Transfer Point 1	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher
EPN#2	Transfer Point 2	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher
EPN#3	Transfer Point 3	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher
EPN#4	Transfer Point 4	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher
EPN#5	Transfer Point 5	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher
EPN#6	Transfer Point 6	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher
EPN#7	Transfer Point 7	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher
EPN#8	Transfer Point 8	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher
EPN#9	Transfer Point 9	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher
EPN#10	Transfer Point 10	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher
EPN#11	Transfer Point 11	Standard Permit for Temporary Concrete Crusher	Standard Permit for Permanent Concrete Crusher



Form PI-1S
Registrations for Air Standard Permit
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I. Registrant Information
A. Company or Other Legal Customer Name: ZD Sand LLC
B. Company Official Contact Information: ☒ Mr. ☐ Mrs. ☐ Ms. ☐ Other: _____
Name: Wesley Andrews
Title: Owner Operator
Mailing Address: 7575 State Highway 71
City: Voca
State: Texas
ZIP Code: 76887
Telephone Number: 512 222 6327
Fax Number: N/A
Email Address: cj@zdsand.com
<i>All permit correspondence will be sent via email.</i>
C. Technical Contact Information ☒ Mr. ☒ Mrs. ☐ Ms. ☐ Other: _____
Name: Cierra Jordan
Title: Operations Manager
Company Name: ZD Sand LLC
Mailing Address: 7575 State Hwy 71
City: Voca,
State: Texas
ZIP Code: 76887

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I. Registrant Information (continued)
C. Technical Contact Information (continued)
Telephone Number: 512 222 6327
Fax Number: N/A
Email Address: cj@zdsand.com
II. Facility and Site Information
A. Name and Type of Facility
Facility Name: 2D Sand LLC
Type of Facility:
☒ Permanent
☐ Temporary
For portable units, please provide the serial number of the equipment being authorized below.
Serial No(s): Core: TRX1350PLOKRH1955, Screen: TRX820HSCCRSH2040
B. Facility Location Information
Street Address: 7575 State Highway 71
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: Voca, Texas
County: McCulloch
ZIP Code: 76887
C. Core Data Form (required for Standard Permits 6006, 6007, and 6013).
Is the Core Data Form (TCEQ Form 10400) attached?
☒ Yes ☐ No
Customer Reference Number (CN): CN606091023
Regulated Entity Number (RN): RN111626214
D. TCEQ Account Identification Number (if known): ER092720

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II. Facility and Site Information (continued)

E. Type of Action

- ☐ Initial Application
☒ Change to Registration
☐ Renewal
☐ Renewal Certification

For Change to Registration, Renewal, or Renewal Certification actions provide the following:

Registration Number: 180822

Expiration Date:

F. Standard Permit Claimed:

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?

- ☐ Yes ☒ No

If "Yes," enter previous standard exemption number(s) and PBR registration number(s) and associated effective date in the spaces provided below.

Standard Exemption Number(s):

PBR Registration Number(s):

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?

- ☐ Yes ☒ No

If "Yes," enter standard exemption number(s), PBR registration number(s), Standard Permit Registration Number(s), and associated effective date in the spaces provided below.

Standard Exemption Number(s):

PBR Registration Number(s):

Standard Permit Registration Number(s):

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II. Facility and Site Information <i>(continued)</i>
I. Other Air Preconstruction Permits Are there any other air preconstruction permits at this site? ☐ Yes ☒ 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? ☐ Yes ☒ 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? ☐ Yes ☒ No ☐ To Be Determined
Check the requirements of 30 TAC Chapter 122 that will be triggered if this standard permit is approved <i>(check all that apply)</i> . ☐ Initial Application for a FOP ☐ Significant Revision for a SOP ☐ Minor Revision for a SOP ☐ Operational Flexibility/Off Permit Notification for a SOP ☐ Revision for a GOP ☐ To be Determined ☒ None
Identify the type(s) of FOP issued and/or FOP application(s) submitted/pending for the site. <i>(check all that apply)</i> ☐ SOP ☐ SOP application/revision (submitted or under APD review) ☐ GOP ☐ GOP application/revision (submitted or under APD review) ☒ N/A

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III.	Fee Information (go to www.tceq.texas.gov/epay to pay online)
A.	Fee Amount:
B.	Voucher number from ePay:
IV.	Public Notice (if applicable)
A.	Responsible Person
	☒ Mr.
	☐ Mrs.
	☐ Ms.
	☐ Other: _____
Name: <u>Wesley Andrews</u>	
Title: <u>Owner/Operator</u>	
Company: <u>2D Sand LLC</u>	
Mailing Address: <u>7575 State Highway 71</u>	
City: <u>Voca</u>	
State: <u>Texas</u>	
ZIP Code: <u>76887</u>	
Telephone No.: <u>512 222 6327</u>	
Fax No.: <u>N/A</u>	
Email Address: <u>cj@2dsand.com</u>	
B.	Technical Contact
	☒ Mr.
	☐ Mrs.
	☐ Ms.
	☐ Other: _____
Name: <u>Jason Tharp, Cierra Jordan</u>	
Title: <u>Plant Manager, Operations Manager</u>	
Company: <u>2D Sand LLC</u>	
Mailing Address: <u>7575 State Highway 71</u>	
City: <u>Voca</u>	
State: <u>Texas</u>	
ZIP Code: <u>76887</u>	

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IV. Public Notice (if applicable)	
B. Technical Contact	
Telephone Number:	512 222 6327
Fax Number:	N/A
Email Address:	jte@zdsand.com, cj@zdsand.com
C. Bilingual Notice	
Is a bilingual program required by the Texas Education Code in the School District?	
☒ Yes ☐ 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?	
☒ Yes ☐ No	
If "Yes," list which language(s) are required by the bilingual program below?	
Language(s):	Spanish / English
Language(s):	
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?	
☒ Yes ☐ No	
Is the site a major source under 30 TAC Chapter 122, Federal Operating Permit Program?	
☐ Yes ☒ No	
Are the site emissions of any individual regulated air contaminant equal to or greater than 50 tpy?	
☐ Yes ☒ No	
Are the site emissions of all regulated air contaminant combined equal to or greater than 75 tpy?	
☐ Yes ☒ No	

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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? ☐ Yes ☒ 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)? ☐ Yes ☒ No
C.	Does the company and/or site have an unsatisfactory compliance history? ☐ Yes ☒ No
D.	Are there any applications currently under review for this standard permit registration? ☐ Yes ☒ No
E.	Are scheduled maintenance, startup, or shutdown emissions required to be included in the standard permit registration at this time? ☐ Yes ☒ No
F.	Are any of the following actions being requested at the time of renewal: ☐ Yes ☒ No
1.	Are there any facilities that have been permanently shut down that are proposed to be removed from the standard permit registration? ☐ Yes ☒ No
2.	Do changes need to be made to the standard permit registration in order to remain in compliance? ☐ Yes ☒ 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? ☐ Yes ☒ No
4.	Are there any changes to the current emission rates table being proposed? ☐ Yes ☒ No
<i>Note: If answers to all of the questions in Section V. Renewal Certification Option are "No," use the certification option and skip to Section VII. of this form. If the answers to any of the questions in Section V. Renewal Certification Option are "Yes," the certification option cannot be used.</i>	
<i>*If notice is applicable and comments are received in response to the public notice, the application does not qualify for the renewal certification option.</i>	

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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 §§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): *Upon Approval/Conversion from temp to permanent*

Projected Start of Operation (provide date): *Upon approval/Conversion from temp to permanent*

Length of Time at the Site: *10 years (length of permit)*

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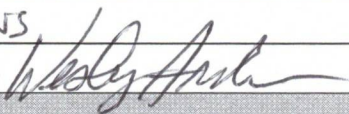
VII. Delinquent Fees and Penalties

This form **will not be processed** until all delinquent fees and/or penalties owed to TCEQ or the Office of the Attorney General on behalf of 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

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 (THSC), 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.

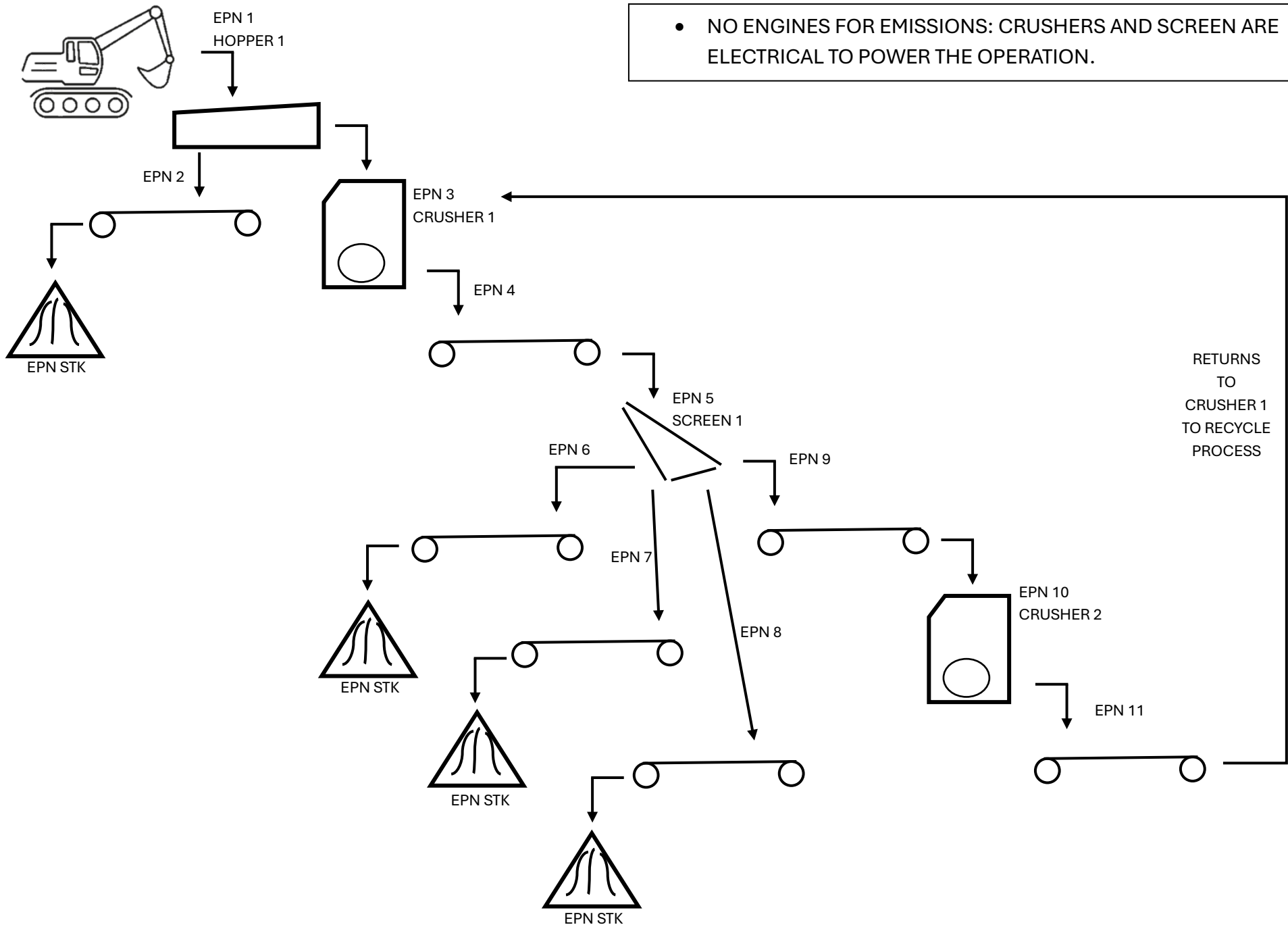
Name (printed): Wesley Andrews

Signature (original signature required): 

IX. Copies of the Registration

The Form 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/.

• NO ENGINES FOR EMISSIONS: CRUSHERS AND SCREEN ARE ELECTRICAL TO POWER THE OPERATION.



Texas Commission on Environmental Quality

Standard Permit for Existing Registration

180822

Site Information (Regulated Entity)

What is the name of the site to be authorized?	ZD SAND
Does the site have a physical address?	Yes
Physical Address	
Number and Street	7575 STATE HIGHWAY 71
City	VOCA
State	TX
ZIP	76887
County	MCCULLOCH
Latitude (N) (##.#####)	30.982659
Longitude (W) (-###.#####)	-99.1412
Primary SIC Code	1442
Secondary SIC Code	
Primary NAICS Code	212321
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN111626214
What is the name of the Regulated Entity (RE)?	ZD SAND
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	7575 STATE HIGHWAY 71
City	VOCA
State	TX
ZIP	76887
County	MCCULLOCH
Latitude (N) (##.#####)	30.983228
Longitude (W) (-###.#####)	-99.142279
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)?	CN606091023
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Zd Sand, LLC
Texas SOS Filing Number	804656485
Federal Tax ID	
State Franchise Tax ID	32085564196
State Sales Tax ID	
Local Tax ID	

DUNS Number	
Number of Employees	
Independently Owned and Operated?	
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	Zd Sand, LLC
Prefix	MR
First	WESLEY
Middle	
Last	ANDREWS
Suffix	
Credentials	
Title	OWNER
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7575 STATE HIGHWAY 71
Routing (such as Mail Code, Dept., or Attn:)	
City	VOCA
State	TX
ZIP	76887
Phone (###-###-####)	5122226327
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	WA@ZDSAND.COM

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	ZD SAND LLC
Prefix	MR
First	Cierra
Middle	
Last	Jordan
Suffix	
Credentials	
Title	Operations Manager
Enter new address or copy one from list:	RE Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7575 STATE HIGHWAY 71
Routing (such as Mail Code, Dept., or Attn:)	
City	VOCA
State	TX
ZIP	76887
Phone (###-###-####)	5122226327

Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	cj@zdsand.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	Responsible Official Contact
Organization Name	ZD SAND LLC
Prefix	MR
First	Cierra
Middle	
Last	Jordan
Suffix	
Credentials	
Title	Operations Manager
Enter new address or copy one from list:	RE Physical Address
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	7575 STATE HIGHWAY 71
Routing (such as Mail Code, Dept., or Attn:)	
City	VOCA
State	TX
ZIP	76887
Phone (###-###-####)	5122226327
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	cj@zdsand.com

Standard Permit General Information- Existing Reg Sites

1) Is this project for a change of representations or a renewal of the standard permit?	Change of Representations
1.1) Is the registration being revised to represent the addition of a new facility?	Yes
2) Will the revised/renewed facility meet all of the requirements of the standard permit?	Yes

Standard Permit Rule Amendment Information- Existing Sites

1) Type of unit that is being registered	PERMANENT ROCK AND CONCRETE CRUSHERS
1.1) Will this project add a new facility not previously represented?	Yes

Standard Permit Attachments

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	20260619 - PI-1S Update.pdf
Hash	3E64194BB8140C427D088F28BD4C1A11F9CC4057A9440D5558A9F62C24DA307C
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	20260619 - Table 17 Update.pdf
Hash	AD63A0DF65FA8EB68646936EAD38E141F2C256B9CD2779B2324203339F99F5C1
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	Process Description - NEW FINAL.pdf
Hash	36261742297D2074965746510B63388E3D2C79303BE50FBC754D931A040C5625
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	Flow Diagram - NEW FINAL.pdf
Hash	01AC60F9B5B1C5F222CEEB61D572F60C640DB54C164D67BBDFA9CF4CC93BDF49
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	Standard Checklist - NEW FINAL.pdf
Hash	2B4EE658AF8DC618A58F8969AA40875C2815597C2F5A88932420D0157EE26F64
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	AREA MAP - NEW FINAL.pdf
Hash	C3BFA44A823ED839C4862438666A7EA911E6BBB3B1604914B6BF69A042102238
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	Plot Plan - NEW FINAL.pdf
Hash	CE6D572C888FA5C228001F5A425D56950D3BD27FC4058933B4BFAB72E2D54094
MIME-Type	application/pdf
Confidential	No

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

Expedite

Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?	No
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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 Wesley R Andrews, the owner of the STEERS account ER092720.
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 for Existing Registration 180822.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Wesley R Andrews OWNER OPERATOR

Customer Number:	CN606091023
Legal Name:	Zd Sand, LLC
Account Number:	ER092720
Signature IP Address:	74.84.20.109
Signature Date:	2026-07-20
Signature Hash:	EB55A649C00398F4811CD9D5B3B4823129BE4C8796A18E1B32421222D74A70E9
Form Hash Code at time of Signature:	3AA96AD378B573B46AB41B5A9111EA91F1B39B8C5F40F4448186674C0EC9B797

Fee Payment

Transaction by:	The application fee payment transaction was made by ER092720/Wesley R Andrews
Paid by:	The application fee was paid by WESLEY ANDREWS
Fee Amount:	\$900.00
Paid Date:	The application fee was paid on 2026-07-20
Transaction/Voucher number:	The transaction number is 582EA000744821 and the voucher number is 840610

Submission

Reference Number:	The application reference number is 942706
Submitted by:	The application was submitted by ER092720/Wesley R Andrews
Submitted Timestamp:	The application was submitted on 2026-07-20 at 11:43:57 CDT
Submitted From:	The application was submitted from IP address 74.84.20.109
Confirmation Number:	The confirmation number is 784087

Steers Version:

The STEERS version is 6.94

Permit Number:

The permit number is 180822

Additional Information

Application Creator: This account was created by Wesley R Andrews

