F

APPENDIX F – DISPOSAL WELL APPLICATIONS

Submission of disposal well application, Form UIC-2 COM SWD, Form UIC-2 SFI COM, or Form UIC-43; if applicable (Section 519.C.6)

Disposal Well Applications

- Form UIC-2 COM SWD for the Brickyard Trucking SWD No. 001, New Well, is included in this section.
- Form UIC-2 COM SWD for the Brickyard Trucking SWD No. 002, New Well, is included in this section.
- Form UIC-2 COM SWD for the Brickyard Trucking SWD No. 003, New Well, is included in this section.

Strike and dip geologic cross-sections at a minimum of a two mile radius (Section 519.C.6)

- Strike and dip geologic cross-sections at a minimum of a two-mile radius included in this section.

Please Note: Appendix F is being submitted to the Injection and Mining Division on September 19, 2024.

Raines
& Associates, LLC

Memorandum

Date: 9/18/2024
To: Mr. Stephen Olivier – LDNR / Office of Conservation, Environmental Division
From: Robert B. Raines, Jr., Professional Geoscientist - Raines & Associates, LLC
Subject: Brickyard Trucking, LLC (B1119)
Commercial E & P Waste Facility Application
Brickyard Trucking SWD Nos. 001, 002, and 003
Located Approximately Two (2) Miles North of Jamestown, Louisiana
East Side of LA Highway 792, Section 17, T16N, R8W
Jamestown Field (4738) / Bienville Parish, Louisiana

The Appendix F – UIC 2 COMM SWD APPLIICATION has been submitted to the Injection & Mining Division of the Louisiana Department of Natural Resources Office of Conservation for Technical Review.

Robert B. Raines, Jr.
Professional Geoscientist

9/18/2024
Date

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
PAGE 65 OF 699 PAGES

Office of Conservation
SEP 20 2024
Environmental Division

DEPARTMENT OF ENERGY AND NATURAL RESOURCES

February 10, 2025

Scott Wooten
Brickyard Trucking, LLC (B1119)
415 Texas Street Suite 400
Shreveport, LA 71101

Re: Application No. 45567, 45568, and 45569 / Class II Commercial SWD Wells
Brickyard Trucking SWD Well No. 001, No. 002, and No. 003
Jamestown Field, Bienville Parish

Dear Mr. Wooten:

This Office has completed the technical review of the referenced applications and deemed them to be administratively complete. You must provide the Office of Conservation/Environmental Division one original and one copy of the documentation as approved by the Injection & Mining Division and as required in Section F of the Office of Conservation/Environmental Division document, *Commercial Facility & Transfer Station Permit Application Checklist.* Please include a copy of this letter with that submittal.

Please be advised, injection will only be permitted in distinct intervals exhibiting sufficient porosity and permeability to support radial flow of injected fluids as demonstrated by the open-hole logs.

Should you have any questions concerning this matter, please contact the Injection and Mining Division at (225) 342-5515 between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday.

Sincerely,

Steven M. Giambrone
Office of Conservation

Matthew J. Aranyosi, Engineering Manager
Injection and Mining Division

SMG:MJA:djl

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COPY

045567
045568
045569

OFFICE OF CONSERVATION

INJECTION & MINING DIVISION (Appendix F)

COPY

BRICKYARD TRUCKING, LLC (B1119)
COMMERCIAL DISPOSAL FACILITY
BRICKYARD TRUCKING SWD NOS. 001, 002 & 003
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
BIENVILLE PARISH, LOUISIANA
APPLICATION NO. _____

SEPTEMBER 2024

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101

PREPARED BY:

Raines & Associates, LLC

RAINES & ASSOCIATES, LLC
415 BRAEMAR ROAD
SHREVEPORT, LA 71106
(318) 218-7945

045567

STATE OF LOUISIANA
DEPARTMENT OF ENERGY AND NATURAL RESOURCES
Office of Conservation
P. O. Box 44277
Baton Rouge, LA 70804-4277

BRICKYARD TRUCKING, LLC
415 TEXAS ST., STE 400

SHREVEPORT LA 71101

Invoice Date 09/19/2024

When remitting, please refer to:
Invoice Number 1294400
Security Code 61121

PAYABLE UPON RECEIPT

Description	Qty	Unit Cost	Line Total
UIC-PROCESSING OF COMMERCIAL WELLS	1	631.00	631.00

Total Invoice Amount	$	631.00
Less Deposit/Payments	$	.00
Total Amount Due	**$**	**631.00**

CHK # 1018
$631.00 - 8/1/2024

UIC-2 Commercial Application

Please make checks payable to:
OFFICE OF CONSERVATION-IMD
and mail to:
DEPARTMENT OF ENERGY AND NATURAL RESOURCES
OFFICE OF CONSERVATION-IMD
P. O. Box 44277
Baton Rouge, LA 70804-4277

**** CREDIT CARD PAYMENTS ARE ALSO ACCEPTED ****
****MAKE PAYMENTS ONLINE using VISA, MASTERCARD, AMERICAN EXPRESS or DISCOVER****
Navigate to www.SONRIS.com
and click on the Invoice Payment link

RETURN ONE COPY WITH REMITTANCE

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DOCKET NO. Env 2025-01
PAGE 517 OF 699 PAGES

045568

STATE OF LOUISIANA
DEPARTMENT OF ENERGY AND NATURAL RESOURCES
Office of Conservation
P. O. Box 44277
Baton Rouge, LA 70804-4277

BRICKYARD TRUCKING, LLC
415 TEXAS ST., STE 400

SHREVEPORT LA 71101

Invoice Date 09/19/2024

When remitting, please refer to:
Invoice Number 1294403
Security Code 61121

PAYABLE UPON RECEIPT

Description	Qty	Unit Cost	Line Total
UIC-PROCESSING OF COMMERCIAL WELLS	1	314.00	314.00

Total Invoice Amount	$	314.00
Less Deposit/Payments	$	.00
Total Amount Due	**$**	**314.00**

CHK # 1020
$314.00- 8/1/2024

UIC-2 Commercial Application - Additional wells

Please make checks payable to:
OFFICE OF CONSERVATION-IMD
and mail to:
DEPARTMENT OF ENERGY AND NATURAL RESOURCES
OFFICE OF CONSERVATION-IMD
P. O. Box 44277
Baton Rouge, LA 70804-4277

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045569

STATE OF LOUISIANA
DEPARTMENT OF ENERGY AND NATURAL RESOURCES
Office of Conservation
P. O. Box 44277
Baton Rouge, LA 70804-4277

BRICKYARD TRUCKING, LLC
415 TEXAS ST., STE 400

SHREVEPORT LA 71101

Invoice Date 09/19/2024

When remitting, please refer to:
Invoice Number 1294402
Security Code 61121

PAYABLE UPON RECEIPT

Description	Qty	Unit Cost	Line Total
UIC-PROCESSING OF COMMERCIAL WELLS	1	314.00	314.00

Total Invoice Amount	$	314.00
Less Deposit/Payments	$	.00
Total Amount Due	**$**	**314.00**

CHK# 1019
$314.00 - 8/1/2024

UIC-2 Commercial application - additional wells

Please make checks payable to:
OFFICE OF CONSERVATION-IMD
and mail to:
DEPARTMENT OF ENERGY AND NATURAL RESOURCES
OFFICE OF CONSERVATION-IMD
P. O. Box 44277
Baton Rouge, LA 70804-4277

**** CREDIT CARD PAYMENTS ARE ALSO ACCEPTED ****
****MAKE PAYMENTS ONLINE using VISA, MASTERCARD, AMERICAN EXPRESS or DISCOVER****
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STATE EXHIBIT NO. 1
DOCKET NO. ENV 2025-01
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DEPARTMENT OF ENERGY AND NATURAL RESOURCES

February 10, 2025

Scott Wooten
Brickyard Trucking, LLC (B1119)
415 Texas Street Suite 400
Shreveport, LA 71101

Re: Application No. 45567, 45568, and 45569 / Class II Commercial SWD Wells
Brickyard Trucking SWD Well No. 001, No. 002, and No. 003
Jamestown Field, Bienville Parish

Dear Mr. Wooten:

This Office has completed the technical review of the referenced applications and deemed them to be administratively complete. You must provide the Office of Conservation/Environmental Division one original and one copy of the documentation as approved by the Injection & Mining Division and as required in Section F of the Office of Conservation/Environmental Division document, *Commercial Facility & Transfer Station Permit Application Checklist*. Please include a copy of this letter with that submittal.

Please be advised, injection will only be permitted in distinct intervals exhibiting sufficient porosity and permeability to support radial flow of injected fluids as demonstrated by the open-hole logs.

Should you have any questions concerning this matter, please contact the Injection and Mining Division at (225) 342-5515 between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday.

Sincerely,

Steven M. Giambrone
Office of Conservation

Matthew J. Aranyosi, Engineering Manager
Injection and Mining Division

SMG:MJA:djl

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STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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Raines
& Associates, LLC

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

September 18, 2024

Mr. Stephen Lee
Louisiana Department of Energy and Natural Resources
Office of Conservation
Injection & Mining Division
P. O. Box 94275
Baton Rouge, LA 70804

RE: Brickyard Trucking, LLC (B1119)
Commercial SWD Applications (UIC-2-COM SWD) - New Drill
Brickyard Trucking SWD Nos. 001, 002, and 003
Jamestown Field (4738) / Bienville Parish, Louisiana

Dear Mr. Lee:

Raines & Associates, LLC, on behalf of Brickyard Trucking, LLC, has enclosed an Original and one (1) copy of Commercial Saltwater Disposal Applications (UIC-2-COM SWD), for each of proposed wells, Brickyard Trucking SWD Nos. 001, 002, and 003 (Appendix F). All required fees, public notices and attachments are included. This submittal is made in a separate binder that includes the three (3) well applications and the associated Cross Sections. A separate submittal will be made to the Environmental Division of the Office of Conservation which includes the remainder of Appendices.

Thank you for your assistance in processing these applications. If you need any additional information, please feel free to contact me at (318) 218-7945 or by email at bobbyrainesjr@gmail.com.

Sincerely,

Robert B. Raines, Jr. PG (LA PG 433)
Professional Geoscientist

STATE EXHIBIT NO. 1
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Enclosures

OFFICE OF CONSERVATION

INJECTION & MINING DIVISION (Appendix F)

COPY

BRICKYARD TRUCKING, LLC (B1119)
COMMERCIAL DISPOSAL FACILITY
BRICKYARD TRUCKING SWD NOS. 001, 002 & 003
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
BIENVILLE PARISH, LOUISIANA
APPLICATION NO. _____

SEPTEMBER 2024

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101

PREPARED BY:

Raines & Associates, LLC

RAINES & ASSOCIATES, LLC
415 BRAEMAR ROAD
SHREVEPORT, LA 71106
(318) 218-7945

APPENDIX A – FILING FEES

A non-refundable filing fee in the amount(s) required by LAC 43: XIX.701 et seq (Section 519.C.1)

Attached is a check in the amount of $631.00 for Brickyard Trucking SWD No. 001, New Well. Additional checks are attached in the amount of $314.00 per well for the Brickyard Trucking SWD No. 002 and the Brickyard Trucking SWD No. 003.

B1 BANK

1018

84-542/654
02

CHECK ARMOR

BRICKYARD TRUCKING LLC
415 TEXAS ST STE 400
SHREVEPORT, LA 71101
318-381-2004

8/1/2024

PAY TO THE ORDER OF LDENR - Office of Conservation $ **631.00

Six Hundred Thirty-One and 00/100********** DOLLARS

Department of Energy & Natural Resources
Office of Conservation
PO Box 44277
Baton Rouge, LA 70804-4277

MEMO Brickyard Trucking SWD No. 001

AUTHORIZED SIGNATURE

⑈001018⑈ ⑆065405420⑆ 0800304385 65⑈

BRICKYARD TRUCKING LLC 1018

LDENR - Office of Conservation		8/1/2024	
	Brickyard Trucking SWD No. 001		631.00

B1 Bank - 8565	Brickyard Trucking SWD No. 001	631.00

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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B1 BANK

1019

84-542/654
02

CHECK ARMOR FRAUD PROTECTION

BRICKYARD TRUCKING LLC
415 TEXAS ST STE 400
SHREVEPORT, LA 71101
318-381-2004

8/1/2024

PAY TO THE ORDER OF LDENR - Office of Conservation $ **314.00

Three Hundred Fourteen and 00/100********** DOLLARS

Department of Energy & Natural Resources
Office of Conservation
PO Box 44277
Baton Rouge, LA 70804-4277

MEMO Brickyard Trucking SWD No. 002

AUTHORIZED SIGNATURE

⑈001019⑈ ⑆065405420⑆ 0800304385651⑈

BRICKYARD TRUCKING LLC 1019

LDENR - Office of Conservation		8/1/2024	
	Brickyard Trucking SWD No. 002		314.00

B1 Bank - 8565	Brickyard Trucking SWD No. 002	314.00

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

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DOCKET NO. Env 2025-01
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B1 BANK

1020

BRICKYARD TRUCKING LLC
415 TEXAS ST STE 400
SHREVEPORT, LA 71101
318-381-2004

84-542/654
02
CHECK ARMOR

8/1/2024

PAY TO THE ORDER OF LDENR - Office of Conservation $ **314.00

Three Hundred Fourteen and 00/100********** DOLLARS

Department of Energy & Natural Resources
Office of Conservation
PO Box 44277
Baton Rouge, LA 70804-4277

MEMO Brickyard Trucking SWD No. 003

AUTHORIZED SIGNATURE

⑈001020⑈ ⑆065405420⑆ 0800304385 65⑈

BRICKYARD TRUCKING LLC 1020

LDENR - Office of Conservation 8/1/2024

Brickyard Trucking SWD No. 003 314.00

B1 Bank - 8565 Brickyard Trucking SWD No. 003 314.00

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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APPENDIX F – DISPOSAL WELL APPLICATIONS

Submission of disposal well application, Form UIC-2 COM SWD, Form UIC-2 SFI COM, or Form UIC-43; if applicable (Section 519.C.6)

Disposal Well Applications

- Form UIC-2 COM SWD for the Brickyard Trucking SWD No. 001, New Well, is included in this section.
- Form UIC-2 COM SWD for the Brickyard Trucking SWD No. 002, New Well, is included in this section.
- Form UIC-2 COM SWD for the Brickyard Trucking SWD No. 003, New Well, is included in this section.

Strike and dip geologic cross-sections at a minimum of a two mile radius (Section 519.C.6)

- Strike and dip geologic cross-sections at a minimum of a two-mile radius included in this section.

045567

COMMERCIAL SALTWATER DISPOSAL WELL PERMIT APPLICATION

MAILING ADDRESS:
OFFICE OF CONSERVATION
INJECTION & MINING DIVISION
P.O. BOX 94275-CAPITOL STATION
BATON ROUGE, LA 70804-9275

PHYSICAL ADDRESS:
OFFICE OF CONSERVATION
INJECTION & MINING DIVISION
617 N. THIRD ST., 8TH FLOOR
BATON ROUGE, LA 70802

UIC-2 COM SWD

PLEASE READ APPLICATION PROCEDURES

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

TYPE ONLY

1. APPLICATION TO:
☒ DRILL NEW COM SWD WELL ☐ RE-DRILL FOR COM SWD DISPOSAL (SN: _____)
☐ CONVERT TO COM SWD WELL ☐ RE-PERMIT COM SWD WELL

2. CONSERVATION ORDER NO. _____

3. OPERATOR NAME: Brickyard Trucking, LLC
ADDRESS: 415 Texas Street, Suite 400
CITY, STATE, ZIP: Shreveport, LA 71101
EMAIL: scott.wooten@saltlickllc.com

4. OPERATOR CODE: B1119

5. PHONE: (318) 377-5755 **FAX:** (318) 625-0531

WELL INFORMATION

6. PROPOSED WELL NAME AND NUMBER: Brickyard Trucking SWD No. 001

7. SERIAL NO. (CONVERSION & RE-PERMIT ONLY)

8. FIELD:	9. PARISH:	10. SEC.	TWP.	RNG.
Jamestown (4738)	Bienville (07)	017	16N	08W

11. LEGAL LOCATION DESCRIPTION (FROM LOCATION PLAT):
located 2,004 feet from the South line and 2,077 feet from the West line of Section 17, T16N-R8W, Bienville Parish, Louisiana

12. LOCATION COORDINATES:

GEOGRAPHIC COORDINATE SYSTEM (NAD27)
LATITUDE: 32 DEG 22 MIN 18.60 SEC
LONGITUDE: 93 DEG 12 MIN 48.10 SEC

STATE PLANE COORDINATES (LAMBERT, NAD 27)
☑ NORTH ZONE ☐ SOUTH ZONE
X: 1,779,752.76 Y: 620,984.10

WELL CONSTRUCTION INFORMATION

13. CASING SIZE (IN.)	HOLE SIZE (IN.)	CASING WEIGHT	DEPTH SET TOP (FT.)	DEPTH SET BOTTOM (FT.)	SACKS CEMENT	TYPE CEMENT	TOP OF CEMENT
10 3/4	13 1/2	40.5	0	1200'	295/265	LITE/A	Surface
7	8 3/4	26	0	6900'	400/830	LITE/H	Surface

14. TUBING: ☒ STEEL ☐ OTHER (IDENTIFY) _____ SIZE: 4 1/2 DEPTH (FT.): 6360'

15. PACKER: ☒ TENSIONAL ☐ PERMANENT ☐ COMPRESSIONAL MAKE: Baker MODEL: AD-1 DEPTH SET (FT.): 6363'

16. PLUGGED-BACK DEPTH (FT.):	17. DRILLED-OUT DEPTH (FT.):	18. TOTAL DEPTH OF WELL (FT.):
6800'	6900'	6900'

PROPOSED INJECTION INTERVAL INFORMATION

19. DEPTH OF PROPOSED INJECTION ZONE (MD IN FT.):
TOP: 1625' BOTTOM: 6650'

20. INJECTION FORMATION NAME(S):
Nacatoch, Tokio, Tuscaloosa, Glen Rose, Mooringsport, Rodessa, James, Pettit

21. INJECTION THROUGH:
☒ PERFORATIONS ☐ OPEN HOLE ☐ SCREEN

22. PROPOSED PERFORATED OR OPEN HOLE INTERVAL (MD IN FT.):
TOP: 6480' BOTTOM: 6490'

PRESSURE CALCULATION DATA

23. INJECTION RATE (BARRELS/MINUTE):
NORMAL: 4 BPM MAXIMUM: 8 BPM

24. INJECTION FLUID EXPECTED TEMPERATURE (°F):
SUMMER: 85 °F WINTER: 80 °F

25. INJECTION FORMATION PROPERTIES: ☒ ESTIMATED ☐ MEASURED ☐ IF MEASURED, LIST SOURCE: _____
PERMEABILITY: 500 MILLIDARCYS (MD) POROSITY: 15 PERCENT (%)

26. CALCULATE THE MASIP BASED ON THE FRACTURE GRADIENT OF THE:
☒ INJECTION FORMATION (SEE ATTACHMENT 7) ☐ CONFINING FORMATION (SEE ATTACHMENT 7)

OTHER INFORMATION

27. DESCRIBE CONTINGENCY PLANS FOR SALTWATER DISPOSAL WHEN WELL IS DOWN:

Contingency plans for water disposal when the well/facility is not in operation, is to truck or pipeline the water to another facility owned by Brickyard Trucking, LLC.

28. IS THE PROPOSED WELL LOCATED ON INDIAN LANDS UNDER THE JURISDICTION OR PROTECTION OF THE FEDERAL GOVERNMENT? ☐ YES ☒ NO

29. IS THE PROPOSED WELL LOCATED ON STATE WATER BOTTOMS OR OTHER LANDS OWNED BY OR UNDER JURISDICTION OF THE STATE? ☐ YES ☒ NO

AUTHORIZED AGENT

30. AGENT OR CONTACT AUTHORIZED TO ACT FOR THE OPERATOR DURING PROCESSING OF THIS APPLICATION.

THE SIGNATURE BY THE OPERATOR CERTIFYING THIS APPLICATION WILL AUTHORIZE THIS AGENT OR CONTACT TO SUBMIT ADDITIONAL INFORMATION AS REQUESTED AND TO GIVE ORAL STATEMENTS IN SUPPORT OF THIS APPLICATION.

NAME: Scott Wooten
COMPANY: Brickyard Trucking, LLC
ADDRESS: 415 Texas Street, Suite 400, Shreveport, LA 71101
PHONE: (318) 377-5755
EMAIL: scott.wooten@saltlickllc.com

WRITTEN CORRESPONDENCE SHOULD BE SENT TO (CHOOSE ONE): ☐ OPERATOR ■ AUTHORIZED AGENT

CERTIFICATION BY OPERATOR

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my personal knowledge or inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

31. NAME (PRINT)	32. TITLE (PRINT)
Scott Wooten	Manager
33. SIGNATURE	**34. DATE**
[signature]	9/17/2024

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
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PAGE 529 OF 699 PAGES

COMMERCIAL SALTWATER DISPOSAL WELL PERMIT
APPLICATION PROCEDURES FOR
FORM UIC-2 COM SWD

PERMITTING PROCESS

- Upon receipt of the original submittal, an Initial Application Review letter will be sent out by the Injection and Mining Division (IMD) noting missing or incorrect information.

- Additional revisions to the application may be requested as the application progresses through the technical review process. Please include the 'Application No.' assigned by IMD on the upper right corner of each page of the revisions. The 'Application No.' can be found on your receipt letter, which you should receive within two weeks of receipt of your Application by IMD.

- The permitting process is a two-step procedure:

1st Step: After the Application is reviewed and found to be complete and to meet the requirements of Statewide Order 29-B, an "Approval to Construct" letter will be issued. This will allow the well to be drilled and completed or to be converted as described in the Application, but **NOT TO INJECT**. A list describing the "Reporting Requirements" will be included with the "Approval to Construct" letter. The "Reporting Requirements" will tell you what you need to file with the Injection & Mining Division (IMD) after completion of the well and before issuance of the final well PERMIT TO INJECT.

2nd Step: The Well History, mechanical integrity test results (witnessed by a IMD inspector), and logs are reviewed. If found adequate, a final "Permit" letter to inject fluids will be issued. If not adequate, the IMD will tell you what remedial action, if any, can be taken to obtain a "PERMIT TO INJECT".

PUBLIC NOTICE

- **For a proposed COM SWD WELL at a NEW FACILITY:**

  Refer to LAC 43:XIX.519.B for public notice guidance for proposed Commercial SWD Wells at a New Commercial Facility.

- **For a proposed COM SWD WELL at an EXISTING FACILITY:**

  Refer to LAC 43:XIX.529.B for public notice guidance for proposed Commercial SWD Wells at an Existing Commercial Facility.

APPLICATION GUIDELINES

- These procedures are intended to provide applicants with a checklist to ensure all information is provided. Depending on the given well, additional items may be required.

- This list applies to new wells to be drilled and those to be converted, re-drilled or re-permitted for injection.

- Supporting documentation is required in the form of attachments. Label each of the attachments by number in the lower right-hand corner; example: "Attachment 2A".

- Any Orders pertaining to the permitting of this well should also be attached.

- Items 30 through 33 of the Form UIC-2 COM SWD Application should be certified with an original signature from an associate of the operating company. The associate may be an officer; manager; general partner; proprietor; operator of the well, field or facility; or any direct employee of the operating company employed in a decision-making role. This Division will not accept a signature from an agent or consultant of the operating company to certify the application.

- If the surface casing is not set 100 feet below the base of the Underground Source of Drinking Water (USDW), please contact a Geologist with this Division for guidelines pertaining to surface casing variances.

SUBMIT THE APPLICATION IN THE FOLLOWING ORDER:

- **Application for Permit or to Amend Permit to Drill for Minerals**
  - **For a NEW DRILL or RE-DRILL**, two copies of completed form MD-10-R (Yellow Card)
  - **For a CONVERSION or RE-PERMIT**, two copies of completed form MD-10-R-A (Pink Card)
  - Both cards must have original signatures. The information provided must match items 3 to 11 on the Form UIC-2 COM SWD Application.

- **Filing Fee**

  Check made payable to "Office of Conservation". Please refer to LAC 43:XIX.Chapter 7 for the current fee schedule or contact the IMD at (225) 342-5515.

- **Nonrefundable Hearing Fee**
  - **For a NEW DRILL or CONVERSION at a NEW FACILITY,** make check payable to "Office of Conservation". Please refer to LAC 43:XIX.Chapter 7 for the current fee schedule or contact the IMD at (225) 342-5515.
  - **For a NEW DRILL or CONVERSION at an EXISTING FACILITY,** not applicable unless a hearing is requested, and is subsequently approved by the Commissioner of Conservation.

- **APPLICATION** – Commercial Saltwater Disposal Well Permit Application
  - Form UIC-2 COM SWD with an original signature from an officer with the operating company authorized to certify the application.
  - All items must be answered or noted "N/A"--not applicable.

- **ATTACHMENT 1** -- Location Plat
  - **For a NEW DRILL, RE-DRILL, or RE-PERMIT**, include an original certified drilling location plat, labeled "Attachment 1." This plat may be combined with Attachment 2, as long as it is a certified plat. The IMD requires that the Location Plat contains geographic coordinates in GCS- Latitude, Longitude (NAD27 and NAD 83) and State Plane- X,Y (Lambert, NAD27 and NAD83) for the proposed COM SWD well. The location plat must reflect, at a minimum, a Class D Survey as defined by the Professional and Occupational Standards for Professional Engineers and Land Surveyors in LAC 46:LXI.2905.A.4. A Class D Survey requires a degree of accuracy to the nearest foot.
  - **For a CONVERSION**, include the drilling location plat, labeled "Attachment 1." It may be a photocopy if the correct State Plane- X,Y (Lambert, NAD27) coordinates are available in the DNR database (SONRIS). If State Plane- X,Y coordinates are missing or are incorrect in SONRIS, an original certified location plat must be submitted. This plat may be combined with Attachment 2 and must meet the same requirements as those defined for a new drill, re-drilled, or re-permitted wells.

- **ATTACHMENT 2** -- Area of Review

  2A. Area of Review (AOR) Map (Attachment 2A)

  The AOR map must identify, within a one-quarter-mile (1320-ft.) radius of the proposed injection well, the locations for the following:

  - The proposed injection well
  - All producing wells
  - All injection wells
  - All shut-in wells
  - All plugged and abandoned wells

- All dry holes
- All source water wells (for enhanced recovery)
- All freshwater wells
- Include a legend to identify each well and to otherwise clarify the AOR map. Except for freshwater wells, only information on file with the Office of Conservation and pertinent information known to the applicant is required to be included on this map.

2B. AOR Well List (Attachment 2B)

The AOR Well List must identify all wells in the AOR except for the freshwater wells. A diligent search must be attempted to locate all wells within the AOR of the proposed injection well. The search must include:

- Conducting a foot-search of the AOR to identify any wells in the field;
- Searching SONRIS for wells in the DNR database; **AND**
- Researching field maps and company files.

The search should identify the following types of wells: all producing wells, all injection wells, all shut-in wells, all plugged and abandoned wells, all dry holes, and all source water wells (for enhanced recovery).

Applicants must complete the Area of Review Well List that is included in this application package. IMD will not accept printouts of the SONRIS database search in lieu of the Area of Review List. If no wells are found within the AOR, then type "No Wells Found" on "Attachment 2B".

2C. Freshwater Well List (Attachment 2C)

The Freshwater Well List must identify all the freshwater wells within the AOR. A diligent search must be attempted to locate all freshwater wells within the AOR of the proposed injection well. The search must include:

- Conducting a foot-search of the AOR to identify any freshwater wells in the field;
- Searching the Department of Transportation and Development's (DOTD) database of Registered Water Wells in the state of Louisiana (http://www.dotd.state.la.us/intermodal/wells/disclaimer.asp). A printout of the DOTD database search must be include with the application package; **AND**
- Researching company files for Rig Supply wells.

Applicants must complete the Freshwater Well List that is included in the Form UIC-2 SWD Application package. IMD will not accept printouts of the DOTD database search in lieu of the Freshwater Well List. All wells listed on the Freshwater Well List must be plotted on the Area of Review Map and/or the Location Plat.

2D. Include a printout of the DOTD database search of the AOR and label the list "Attachment 2D."

2E. Laboratory Analyses (Attachment 2E)

Include a laboratory analysis of a water sample from EACH freshwater well listed on "Attachment 2C." Identify each sample using the DOTD Well ID of the well that was sampled. If the well is not registered with the DOTD database, identify the sample using the well name that used to identify the well on the Freshwater Well List (Attachment 2C). The laboratory analysis must be a **signed original** from a LDEQ LELAP accredited laboratory. A PDF list of Accredited Laboratories can be found on the LDEQ website, http://www.deq.louisiana.gov, under ***Divisions >> Laboratory Services >> Laboratory Accreditation***. The analysis sheet(s) must identify the freshwater well sampled, and, at a minimum, include measurement of:

- Chloride (mg/l)
- Total Dissolved Solids (mg/l)

Provide an explanation if samples are not obtainable.

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- **ATTACHMENT 3** -- Facility Diagram

The diagram should be to scale (or reasonably close) and labeled, "Attachment 3." A surface facility diagram that shows the following, where applicable:

- Proposed well
- Storage tanks
- Containment levees
- Flow lines entering and leaving the facility
- Filters
- Treatment system/equipment
- Other Class II wells
- Access roads
- Buildings
- Unloading areas
- Barges
- Containers (including design capacities)
- All other equipment and operational features of the storage, treatment and/or disposal system

- **ATTACHMENT 4** -- Well Schematic Diagram

For a NEW DRILL, two attachments are required:

- A schematic diagram of the proposed well, labeled "Attachment 4A".
- A work prognosis describing the sequence of work to be performed, labeled "Attachment 4B".

For a CONVERSION, RE-DRILL, or RE-PERMIT, three attachments are required:

- A schematic diagram of the well as it currently exists (before conversion to injection), labeled "Attachment 4A".
- A schematic diagram of the well as it is proposed to be completed, labeled "Attachment 4B".
- A work prognosis describing the sequence of work to be performed, labeled "Attachment 4C".

If a cement bond log (CBL) has been run prior to submission of the application, please submit a copy with the application.

The schematic diagram(s) must match items 13 to 22 on the Form UIC-2 COM SWD Application and show the following:

Surface equipment:

- Well head
- Pressure gauges
- Flow line diameters at wellhead
- Monitoring equipment, if used

Subsurface equipment:

- All casing strings:
  - Diameter
  - Weight (per foot)
  - Depth set (top and bottom).

  Surface casing must extend at least 100 feet below the USDW.

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- Hole (drill bit) diameters
- Cement specifications:
  - Type of class
  - Number of sacks
  - Tops of cement (indicate whether calculated, logged, or to be logged)
- Proposed cement squeeze(s), if any:
  - Type or class
  - Number of sacks
  - Calculated top of cement (to be logged)
- Injection tubing:
  - Diameter
  - Type or material
  - Depth
- Packer:
  - Type
  - Depth

    The packer must be set at or below the cement in the wellbore that is bonded to the first isolation shale formation immediately above the top of the proposed injection zone. But in no case, should the packer be set higher than 150 feet above the top of the proposed injection zone. Proof of isolation (bonded cement) must be provided by a cement bond log (CBL).
- Proposed injection zone (see notes for Attachment 7):
  - Top
  - Bottom
- Proposed initial perforated, open-hole, or screened interval:
  - Top
  - Bottom
- Depths:
  - Total Depth
  - Drilled-out depth (where applicable)
  - Plugged-back depth (where applicable)

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- **ATTACHMENT 5** -- Injection Fluid Analysis

A laboratory analysis of a representative sample of the fluid to be injected in the proposed well, labeled "Attachment 5". The laboratory analysis must be a **signed original** from a LDEQ LELAP accredited laboratory. A PDF list of Accredited Laboratories can be found on the LDEQ website, http://www.deq.louisiana.gov, under Divisions>>Laboratory Services>>Laboratory Accreditation.

The analysis sheet must indicate the source of the sample and IMD should be able to track the sample to the fluid source wells. At a minimum, the analysis should include measurement of:

- Chloride (mg/l)
- Specific gravity or density (g/cc or ppg)
- Total Dissolved Solids (mg/l)
- Temperature of sample when specific gravity was measured

- **ATTACHMENT 6** – MASIP Calculation Request

The Maximum Surface Injection Pressure (MASIP) can be calculated **based on the fracture gradient of the injection formation**, or **based on the fracture gradient of the confining formation**. Applicants must request how the MASIP should be calculated for the proposed well. Please refer to Attachment 6- MASIP Calculation Request (included in this application package) for additional information regarding each calculation's requirements. Complete, sign, and submit the request, with any other necessary information, as Attachment 6 of the Form UIC-2 SWD Application.

- **ATTACHMENT 7** -- Electric Logs

For a NEW DRILL, please include electric logs (e-log) of the closest well to the proposed well location which show the proposed injection zone and USDW. E-logs of more than one well may be included, if necessary, to show both the lowermost USDW and proposed injection zone. A diligent search must be made to locate at least one e-log within one mile of the proposed well. If an e-log can not be located within one mile, a search may be extended up to two miles. If an e-log is not available, use a sheet of paper labeled, "Attachment 7" which states, "No e-logs are available from wells within a two-mile radius of the proposed well location".

For a CONVERSION, RE-DRILL, or RE-PERMIT, please include a duplicate of the original e-log or a photocopy of the e-log from the well proposed for conversion. If the lowermost USDW was not logged, please include an e-log from a well within a one-mile radius that shows the lowermost USDW.

Please apply the guidelines below and mark the following information on the e-logs:

- ***The Serial Number of the Well***

  Mark with e-log with the serial number of the well, and ensure that the complete e-log, from the header to the bottom logged interval, is submitted. The 5-inch/100-ft-scale portion is not necessary.

- ***The Base of the Lowermost Underground Source of Drinking Water (USDW)***

  Conduct a one-mile search from the proposed well location to locate the closest well with an e-log that shows the lowermost USDW. The USDW can be determined from the deep induction curve, generally the dotted curve, on the e-log. Resistivity changes with temperature and depth, therefore the guidelines below are used to approximate the lowermost USDW in sands at the following depths:

  - **Ground surface to 1,000 feet: 3 ohms or higher is considered USDW;**
  - **1,000 feet to 2,000 feet: 2 ½ ohms or higher is considered USDW; and**
  - **2,000 feet and deeper: 2 ohms or higher is considered USDW.**

  Clay or shale intervals with resistivities higher than these are not considered USDW's. Please provide an e-log from the search area that shows there is at least 100 feet of net shale between the top of the proposed injection zone and the base of the USDW.

- ***The Top and Bottom of the Proposed Injection Zone***
  - An injection zone consisting of multiple sands may be permitted, provided that the USDW and sands capable of hydrocarbon production are isolated. Permitting a zone of multiple sand units will allow for future perforations within the permitted injection zone by applying for a work permit (Form UIC-17).
  - Cement isolation confining the top of the proposed injection zone must be confirmed by a Cement Bond Log (CBL). The CBL must show cement in the wellbore bonded to the first isolating shale formation immediately above the approved injection zone.
  - The packer must be set at or below the cement isolation confining the top of the proposed injection zone, but no more than 150 feet above the top of zone.
  - Conduct a one-mile search from the proposed well location to locate productive wells. Ensure that there is at least 100 feet of net shale between the proposed injection zone and any productive intervals.

- ***The Proposed Perforated Interval***

- **ATTACHMENT 8** -- Geologic Cross Sections

  Provide strike and dip geologic cross sections in the north-south and east-west directions, which intersect at the location of the proposed injection well. These cross sections must include, at a minimum:

  - Available log control: label the serial number, well name, and well number of each e-log
  - Geologic units
  - Lithology from the surface to the lower confining bed below the proposed injection zone
  - Local geology in at least a two-mile radius from the proposed injection well
  - Base of the Underground Sources of Drinking Water
  - Vertical and Lateral limits of the proposed injection zone (reservoir)
  - Vertical and Lateral limits of the upper and lower confining beds
  - Location of faults or other geologic structures
  - Vertical and horizontal scales

- **ATTACHMENT 9** – Commercial Saltwater Disposal Well Closure Plan and Cost Estimate

  Provide a closure plan for plugging and abandoning the proposed well and a cost estimate to implement the closure plan.

- **ATTACHMENT 10** -- Public Notice

  An original copy of proof of publication of each legal notice. Please check for accuracy of serial number; well name and number; section, township, and range; etc. If these are not correct, the publication will not be acceptable. You will be billed by each journal for the publication.

  Complete the legal notice attachment and send the notice to:

  - The state journal: ***The Advocate*, Legal Ad Department, P.O. Box 588, Baton Rouge, LA 70821, (225) 388-0128.**
  - The parish journal. Contact the Louisiana Secretary of State-Publication Division for a list of the parish journals at **(225) 922-0309** or view the list on-line at http://www.sos.louisiana.gov/pubs/pubs-opj.htm.
  - The journal of general circulation.

  The journal will send you a notarized "Proof of Publication", which is to be labeled, "Attachment 10", and included as part of the Application. If the Proof of Publication is not received when the Application is sent to the IMD, it may be sent later provided you also write the Application No. on the Public Notice. The "Application No." can be found on your receipt letter, which you should receive within two weeks after your Application reaches the IMD.

- **ATTACHMENT 11** -- Well History and Work Resume Report

  - **For a CONVERSION or RE-PERMIT**, a photocopy of each Well History and Work Resume Report (Form WH-1) that have previously been filed with the Office of Conservation.
  - **For a RE-DRILL**, a photocopy of the previously filed WH-1 that documents the plugging and abandonment of the well.
  - **For a NEW DRILL**, there is no Attachment 11.

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- **DUPLICATE COPY**

  Please include a photocopy of the **complete application and attachments**. Both the "original" and the "photocopy" must be included to be considered a complete Application.

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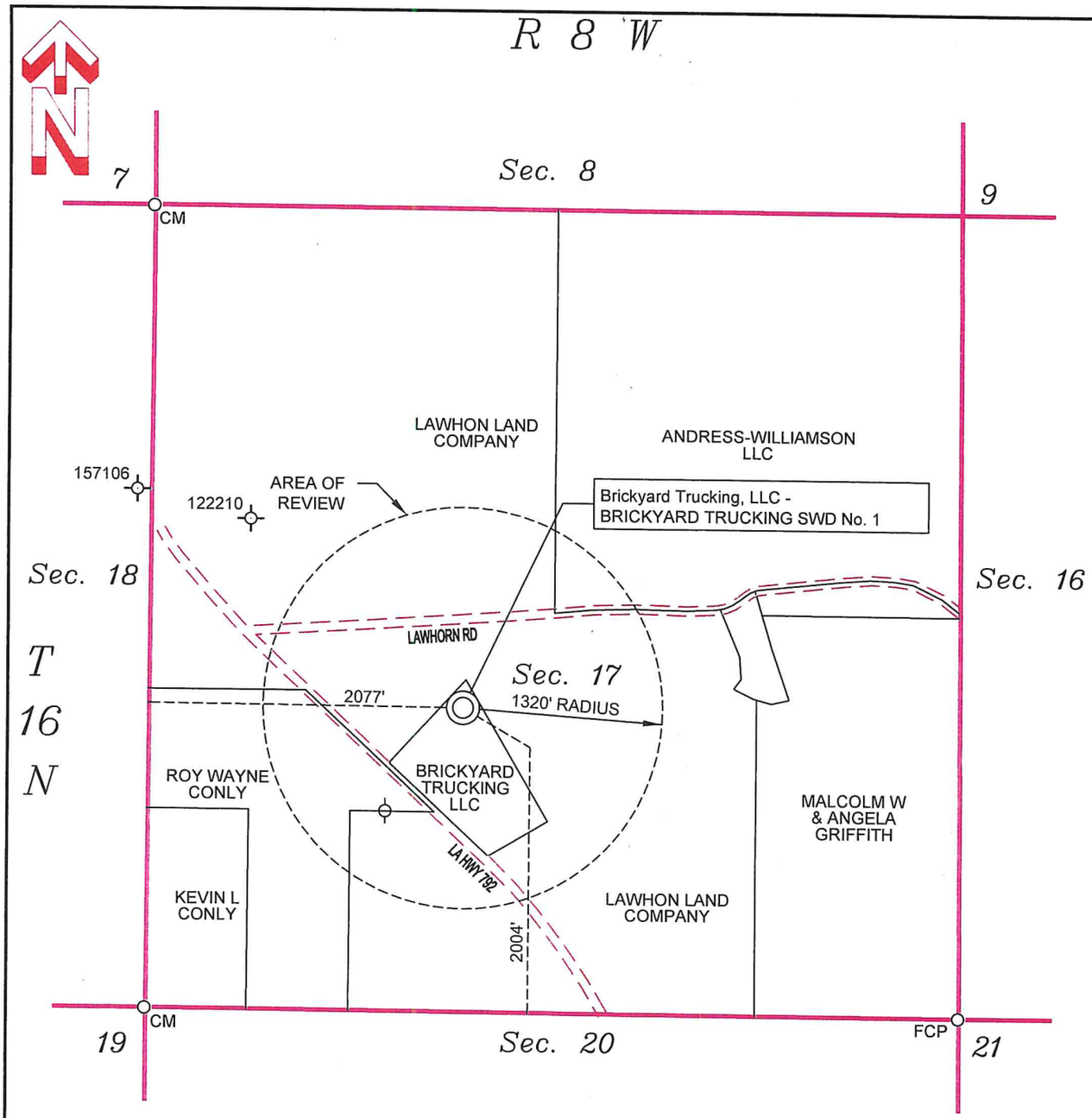


Elevation of Ground at location 249.8' NAVD88

SURFACE LOCATION			
NAD 27		NAD 83 (2011)	
Lat.	32°22'18.60" N	Lat.	32°22'19.15" N
Long.	93°12'48.10" W	Long.	93°12'48.71" W
Lat.	32.3718342° N	Lat.	32.3719860° N
Long.	93.2133598° W	Long.	93.2135295° W
X =	1,779,752.76	X =	3,060,538.79
Y =	620,984.10	Y =	681,691.67

----LEGEND----

- Proposed SWD Location
- Dry Hole
- Water Well (Inactive)
- CM Concrete Monument
- FCP Fence Corner Post

Note: No water well registration found on SONRIS within Area of Review

Note: The water well shown hereon appears to be inactive

Brickyard Trucking, LLC -
BRICKYARD TRUCKING SWD No. 1
Surveyed on November 20, 2023 as follows:

SURFACE LOCATION: being 2004 feet from the South line and 2077 feet from the West line of SECTION 17, T16N-R8W, BIENVILLE PARISH, LOUISIANA

ANY BEARINGS AND DISTANCES SHOWN ARE GRID (SPCS27-LA-N-1701)

0' 1000' 2000'

1"=1000'

STATE OF LOUISIANA
BENJAMIN C. WINN
REG. No. 4778
REGISTERED
PROFESSIONAL
LAND SURVEYOR

BASIS OF WELL POSITION AND GROUND ELEVATION: GNSS OBSERVATIONS PERFORMED COINCIDENT WITH GROUND SURVEY UTILIZING LSU C4G RTN AND RTK NETWORK SERVICE.
PROJECTION: SPCS83-LA-N-1701 LATEST VERSION NAD 83(2011) EPOCH 2010.00 (THEN CONVERTED TO NAD27).
DATUM: NAVD 1988 (GEOID 12A).
BENCHMARK - LSRC CORS - CSTA - COUSHATTA, LA.

NOTE: This plat does not represent a Property Boundary Survey, Route Survey or Unitization Survey and therefore does not comply with the applicable standards of practice stipulated in LAC Title 46:LXI. Chapter 29. Standards of Practice for Boundary Surveys as currently adopted by the Louisiana Professional Engineering and Land Surveying Board. It is, however, in compliance with the State of Louisiana, Department of Natural Resources, Office of Conservation, Injection and Mining Division Location Plat Requirements, Policy No. IMD-GS-10

I, Benjamin C. Winn, Professional Land Surveyor, certify that the well location depicted and described in this plat was staked and surveyed in the field by me or under my direction with accuracy and precision to the nearest foot. I have properly examined this plat and have determined that it complies with existing local Louisiana codes, and has been property site adapted to use in this area.

8/09/2024

Benjamin C. Winn, P.E., P.L.S. (LA Reg. No. 4778) Date
Winn Surveying & Engineering, L.L.C.
Springhill, LA 71075 (318) 423-5325

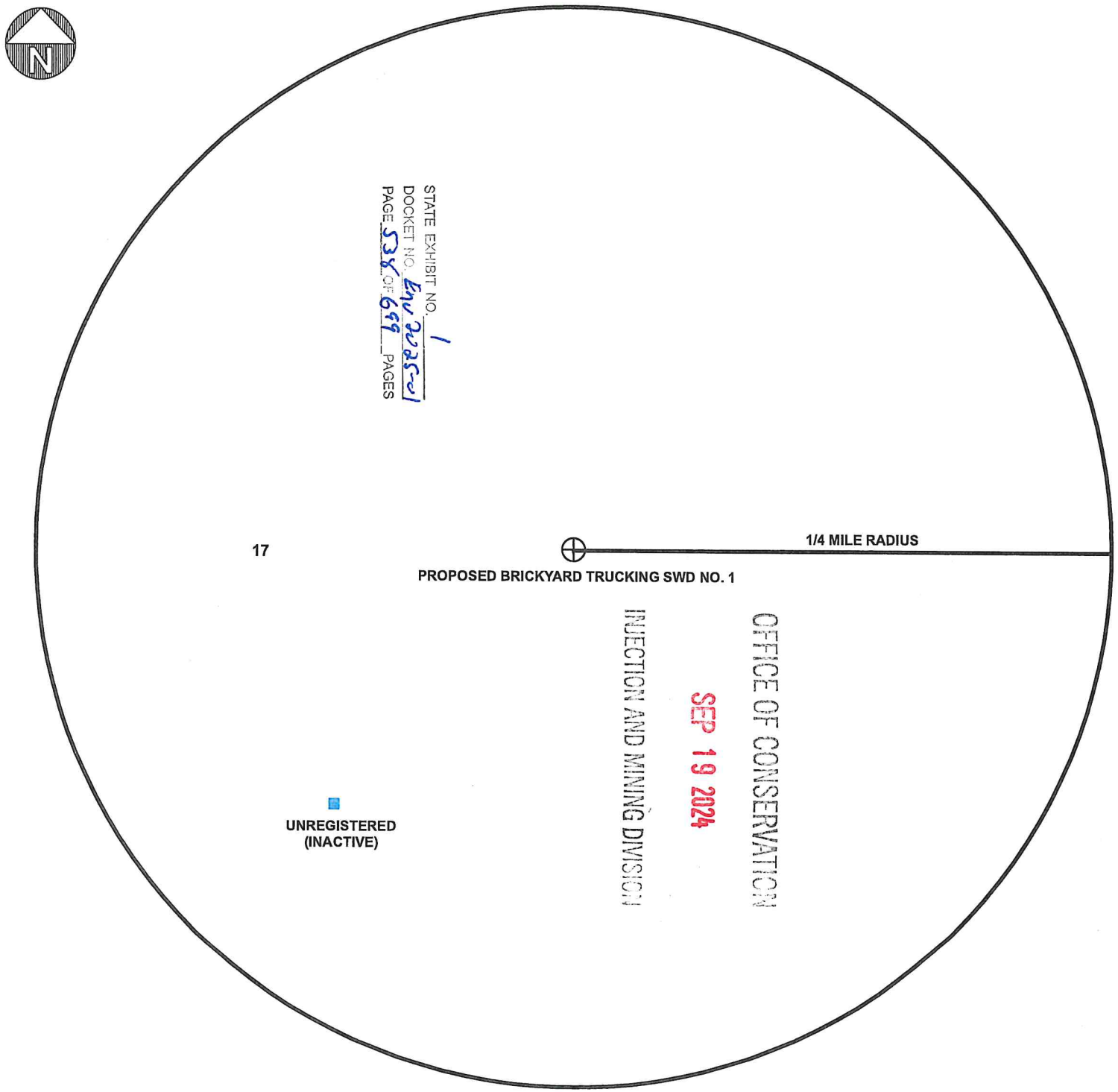
This well location was surveyed on the ground on 11/20/2023.

WELL LOCATION PLAT
Brickyard Trucking, LLC
BRICKYARD TRUCKING SWD No. 1
Located in Section 17, T16N-R8W
Bienville Parish, Louisiana
July 01, 2024

File Name: S:\PROJ23\23781\23781SWD001WL.DWG

Attachment 1
Location Plat

Rev. 0 - July 01, 2024
Rev. 1 - August 09, 2024



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L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\GIS\SA08539 Attachment 2A - AOR SWD No. 1 .mxd

TITLE

ATTACHMENT 2A
AREA OF REVIEW

LOCATION

BRICKYARD TRUCKING, LLC. (B1119)
BRICKYARD TRUCKING SWD NO. 1
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD
BIENVILLE PARISH, LOUISIANA

LEGEND

⊕ NEW WELL

■ UNREGISTERED WATER WELL (INACTIVE)

Raines & Associates, LLC

PROJECT NO.	SCALE
SA08539	1" = 350'
PAGE	**DRAWN BY**
1	JKW
SHEET	**DATE**
A - 8.5 X 11	02/15/24

AREA OF REVIEW WELL LIST

OPERATOR CODE	WELL NAME & NO.	SERIAL NUMBER	WELL STATUS*	TOTAL DEPTH (FT.)	PERFORATED OR COMPLETED INTERVAL (FT).		
	There are no wells in the					TO	
	Area of Review of 1320'.					TO	
						TO	
						TO	
						TO	
						TO	
						TO	
						TO	
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						TO	
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*Well Status: Active- Injection (09), Active- Producing (10), Unable to Locate (28), Dry & Abandoned (29), P&A (30), etc.

FRESHWATER WELL LIST

☐ A DILIGENT SEARCH WAS MADE TO LOCATE ALL FRESHWATER WELLS WITHIN A 1/4 MILE RADIUS OF THE PROPOSED WELL AND NO WELLS WERE LOCATED.

☒ A DILIGENT SEARCH WAS MADE TO LOCATE ALL FRESHWATER WELLS WITHIN A 1/4 MILE RADIUS OF THE PROPOSED WELL AND THE FOLLOWING WELLS WERE LOCATED.

OWNER	WELL NAME	TYPE*	STATUS**	TOTAL DEPTH (FT.)	LOCATION
R. W. Conly	Unregistered water well	residential	not in service	unknown	behind abandoned house
			inactive		see attached survey

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*Type of Well: PUBLIC SUPPLY, DOMESTIC (supplies one or a few homes), INDUSTRIAL (including commercial), LIVESTOCK, IRRIGATION (including catfish & crawfish farming), MONITORING, RIG SUPPLY, HEAT PUMP SUPPLY, OBSERVATION (by a qualified agency or company), AQUIFER DEWATERING, RECOVERY (of contaminants), other (describe).

**Status of Well: ACTIVE (used at least once a month), STANDBY, INACTIVE (but useable with minor work or effort), ABANDONED (but not plugged).

Water Wells By LATITUDE / LONGITUDE Report

Latitude	Longitude	Radius Ft	MSG
32.371944444	-93.213333333	1320	Found 0 records

Well Distance Ft	SECTION	TOWNSHIP	RANGE	PARISH_NAME	PARISH_NUM	LOCAL_WELL_NUM	WELL_USE	DESCRIPTION	WELL_STATUS	OWNERS_NUM	OWNERS_NAME	DRILLERS_NAME	WELL_DEPTH	CASING_DIAMETER	DATE_COMPLETED	WATER_LEVEL	DATE_MEASURED	GEOLOGIC_UNIT	LATITUDE	LONGITUDE

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Attachment 2D

Gulf States Environmental Laboratories

222 Spring St. Shreveport, La. 71101 · 800-256-6110 · 318-220-9067 · Fax 318-221-3296
LELAP CERTIFICATION # 02082

045567

Client: RAINES & ASSOCIATES LLC
415 BRAEMAR RD.
SHREVEPORT, LA 71106

Report Date:	07/11/24
Sample ID:	CONLY WATER WELL BYT1
Project Name:	BRICKYARD TRUCKING SWD NO. 1
Location:	CONLY WATER WELL
Collected By:	CLIENT
Time/Date Collected:	1400 07/02/24
Date Received:	07/03/24

ANALYTICAL RESULTS

GSEL ID#: 129996

GENERAL CHEMISTRY

Sample Matrix: WATER

Analyte:	Result	Units	Qualifier	Reporting Limit	Dil. Factor	Method	Time/Date Analyzed	Analyst
TDS	94.0	mg/L		10.0		SM 2540 C-2011	1450 - 07/09/24	KS
CHLORIDE	3.30	mg/L		0.5	1	HACH 8225 8th Ed.	1410 - 07/09/24	MR
SPECIFIC GRAVITY	1.000					ASTM D1298-99 (2005)	1125 - 07/10/24	MR
TEMPERATURE	22.8	°C				SM 2550 B-2000	1125 - 07/10/24	MR
pH	7.28	SU				EPA 150.1	1036 - 07/03/24	MR

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*The above results relate only to the items tested.
*Test reports meet all requirements of LAC 33:I
*This test report shall not be reproduced except in full, without the written approval of the laboratory.

Approval: _____

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Attachment 2E

U – Analyte not on current Scope of Accreditation
A - Analyte detected in the associated method blank
B - Estimated value between the detection limit and the reporting limit
C - Estimated value exceeds the calibration curve
D - Surrogate recovery outside advisable QC limits

TNTC - Too numerous to count
E - Surrogate recovery unreportable due to dilution
F - Matrix interference
G - Method specific criteria not met
H - Some of the QC was outside the normal range

01

Gulf States Environmental Laboratories
222 Spring St.
Shreveport, LA 71101

(318)220-9067 or (800)256-6110
(318)221-3296(FAX)
www.gulfstateslab.com

G.S.E.L.

Company: Raines & Associates LLC
Address 415 Braemar Rd.
Shreveport, LA 71106

Attention: Bobby Raines
P.O. #:
Phone #: 318-218-7945
Cell
E-mail: bobbyrainesjr@gmail.com

G.S.E.L. #: 129996
Sampler: Raines
Project Name: Brickyard Trucking SWD No 1
Location: Conly Water Well

Sample	Grab Sample Date	Grab Sample Time	Composite Sample start Date end	Composite Sample start Time end	Matrix: Solid	Soil	Sludge	Liquid	Water	Preservative: HCL	HNO_3	H_2SO_4	Ice	NaOH/ASC NaOH/ZnAc	Cont.: Plastic	Glass	Number of Containers	Requested Analysis: Cl	TDS	Specofic Gravity	Temperature	pH
Conly Water Well BYT1	7/2/24	1400							✓				✓		✓		1	✓	✓	✓	✓	✓

pH: ____ SU Flow: ____ GPD Res. Cl: ____ Temp.: ____

Relinquished By: [signature] Date: 7/3/2024 Time: 1024

Received By: ____ Date: ____ Time: ____

Relinquished/Received By: ____ Date: ____ Time: ____

Received By Laboratory: [signature] Date: 7-3-24 Time: 10:24

Page: 1 of 1

Remarks

Location of Conly Water well on west side of LA-792

N 32° 22' 12.4392"

W 93° 12' 54.6408"

Attachment 2E

02

Gulf States Environmental Laboratories

222 Spring Street; Shreveport, LA 71101 Phone: (318) 220-9067 Fax: (318) 221-3296
LELAP Certification No.: 02083

SAMPLE RECEIPT FORM

Client: Ramos + Associates GSEL# 129996

Received By/Date and Time: CO 7-3-24 10:24

Sample Brought in By: Client ✓ GSEL_____ Other_____

Temperature: 6.8 °C Thermometer ID: DR-3

Logged in By: [signature]

1. Shipping container/cooler arrive in good condition?	Yes ✓	No____	Not Present____
2. Was sufficient ice used? (*See **Note** below)	Yes ✓	No____	Not Required____
3. Were custody seals intact on sample bottles?	Yes ✓	No____	Not Present____
4. Were custody papers (Chain of Custody) with samples?	Yes ✓	No____	
5. Were custody papers properly filled out?	Yes ✓	No____	Not Present____
6. Were custody papers signed by the client and the lab?	Yes ✓	No____	
7. Were samples collected in containers provided by GSEL?	Yes ✓	No____	
8. Did all sample containers arrive in good condition?	Yes ✓	No____	
9. Were all container labels complete?	Yes ✓	No____	
10. Did all container labels agree with custody papers?	Yes ✓	No____	
11. Was sufficient sample sent for requested analysis?	Yes ✓	No____	
12. Were all samples received within holding times?	Yes ✓	No____	
13. Do VOA vials have zero headspace?	Yes____	No____	None Received ✓
14. Was preservation checked upon receipt?	Yes ✓	No____	Initials CO
*VOA preservation checked after sample analysis.			
*Oil and Grease and TOC checked during sample analysis.			
15. Was the correct preservative used?	Yes ✓	No____	

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Issues/Discrepancies:

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Person contacted about Issues/Discrepancies:

Instructions:

***Note:** In accordance with 40CFR Title 33:1 and TNI Standards samples that are delivered to the laboratory on the same day as collection may not meet the requirements of the temperature being at or below 6°C. In these cases, the samples shall be considered acceptable if the samples were received on ice and the cooling process has begun.

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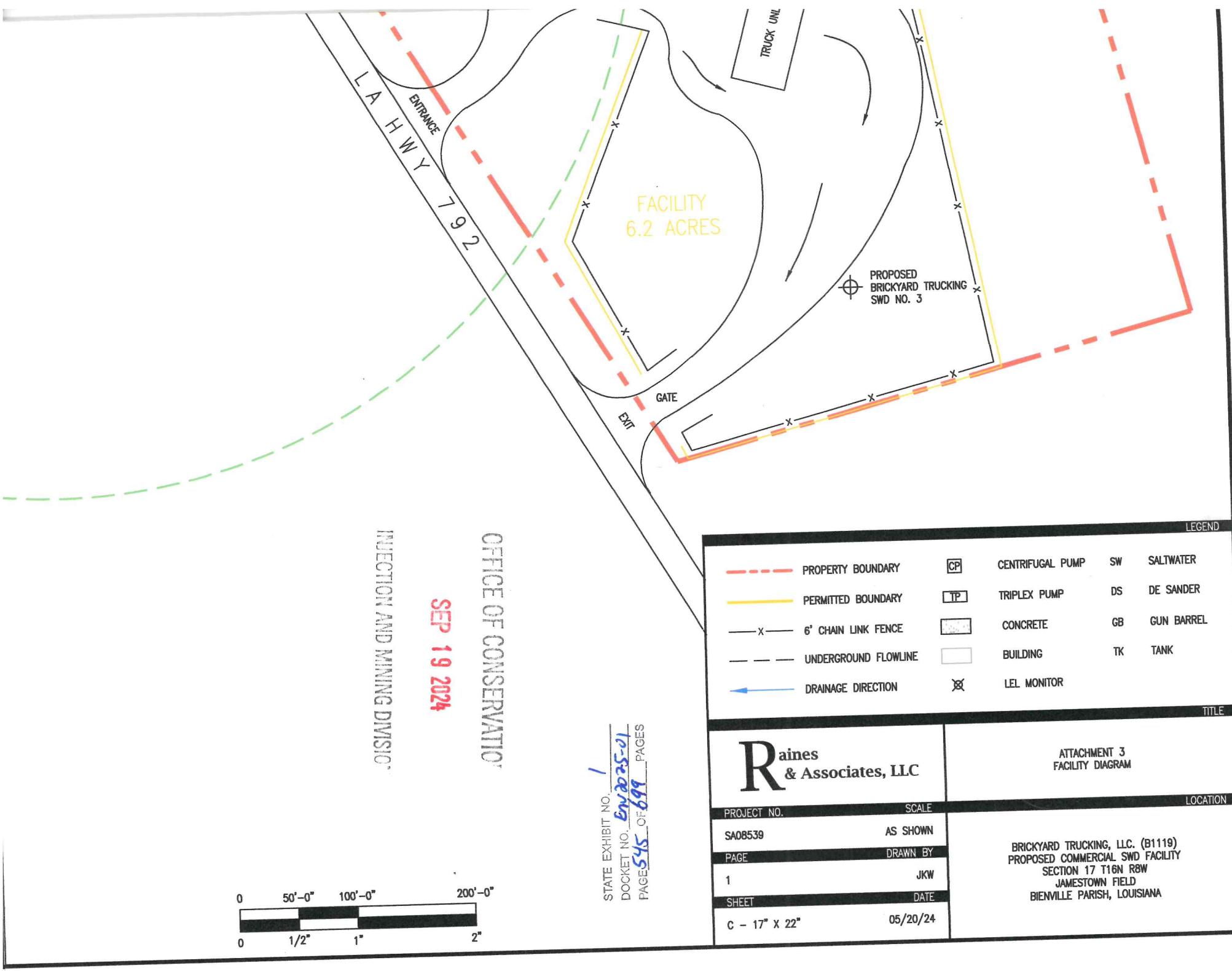
Attachment 2E



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LEGEND

PROPERTY BOUNDARY	CP	CENTRIFUGAL PUMP	SW	SALTWATER
PERMITTED BOUNDARY	TP	TRIPLEX PUMP	DS	DE SANDER
6' CHAIN LINK FENCE		CONCRETE	GB	GUN BARREL
UNDERGROUND FLOWLINE		BUILDING	TK	TANK
DRAINAGE DIRECTION		LEL MONITOR		

Raines & Associates, LLC

TITLE

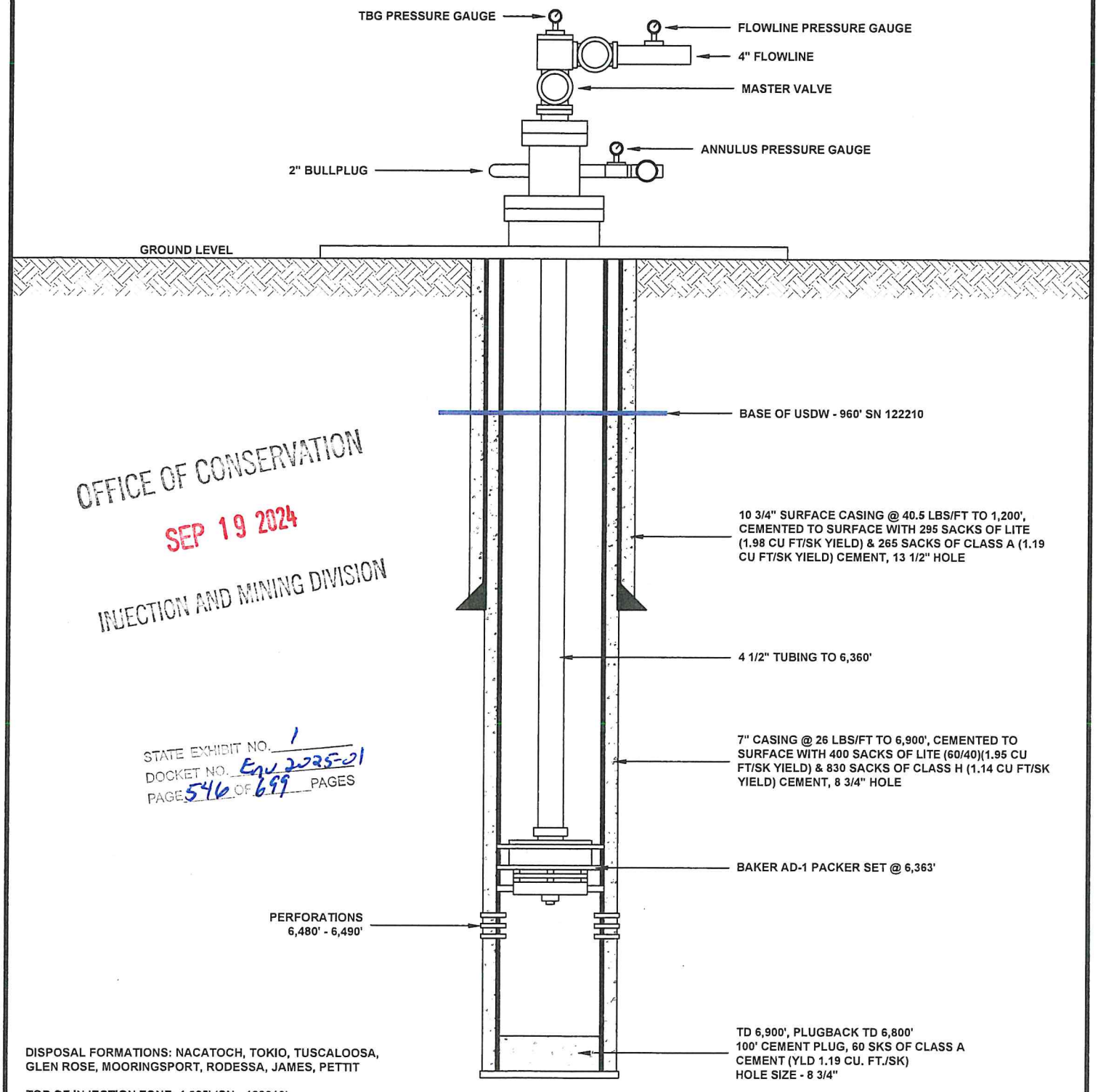
ATTACHMENT 3
FACILITY DIAGRAM

PROJECT NO.	SCALE
SA08539	AS SHOWN
PAGE	DRAWN BY
1	JKW
SHEET	DATE
C – 17" X 22"	05/20/24

LOCATION

BRICKYARD TRUCKING, LLC. (B1119)
PROPOSED COMMERCIAL SWD FACILITY
SECTION 17 T16N R8W
JAMESTOWN FIELD
BIENVILLE PARISH, LOUISIANA

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 001
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT, RODESSA, JAMES, PETTIT

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

BOTTOM OF INJECTIONS ZONE: 6,650' (SN - 122210)

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 001.dwg

Raines & Associates, LLC	PROJECT NO.	SCALE	LOCATION	TITLE
	SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 001 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 001 PROPOSED WELL SCHEMATIC DIAGRAM
	PAGE	DRAWN BY		
	1	JKW		
	SHEET	DATE		
	A - 8.5 X 11	03/12/24		

45567

COPY

Brickyard Trucking, LLC (B1119)
Brickyard Trucking SWD NO. 001, New Well
Section 17, Township 16 North, Range 8 West
Jamestown Field (4738)
Bienville Parish, Louisiana

OFFICE OF CONSERVATION

FEB 04 2025

INJECTION AND MINING DIVISION

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WORK PROGNOSIS

1. Notify Louisiana Department of Natural Resources prior to spud and 24 hours prior to cementing all casing strings.

2. Install location sign - make sure sign is in compliance with Louisiana Department of Energy and Natural Resources regulations and denotes the well to be an SWD.

3. Move in rig and equipment and rig up.

4. RIH with 13 1/2 in. bit drilling to 1200 ft. Circulate and condition hole. R/U Wireline and run Open Hole/Triple Combo Log (GR/SP/RES) from TD to Surface.

5. Run 10 3/4 in. surface casing, 40.5 lbs/ft. to 1200 ft. and cement to surface with 295 sacks Lite (Yld 1.98 cu.ft./Sack, (100% excess)) and 265 sacks of Class A (Yld 1.19 cu.ft./Sack (100% excess)). WOC 12 hrs. Pressure test casing to a minimum of 1000 psi with not more than 5% loss in pressure in a 30-minute time period to determine casing integrity. Complete and sign Form CSG-T, submit originals upon completion of well (IMD requires the original).

6. Install and Test BOP according to Injection and Mining regulations; LAC 43:XIX.111.A & LAC 43:XIX.111.C.

7. RIH with 8 3/4 in. bit drilling to 6900 ft. Circulate and condition hole. R/U Wireline and run open hole w/triple combo log (GR/SP/RES) from TD through Surface Casing Shoe. Shoot Percussion Sidewall Cores in Proposed Injection Intervals.

8. Run 7 in. longstring casing, 26 lbs/ft. to 6900 ft. and cement to surface with 400 sacks 60:40 Lite cement (Yld 1.95 cu.ft./Sack) and 830 sacks Premium Class H cement (Yld 1.14 cu.ft./Sack (35% excess)). 100' cement in 7" casing, 60 sacks of Class A cement (Yld 1.19 cu.ft./Sack), PBTD-6800'. WOC 12 hrs. Pressure test casing to a minimum of 1000 psi with not more than 5% loss in pressure in a 30-minute time period to determine casing integrity. Complete and sign Form CSG-T, submit originals upon completion of well (IMD requires the original).

9. Run CBL/VDL/GR from total depth to surface casing. Evaluate cement bond log for possible squeezes. The log must show a minimum of 11 continuous feet of not less than 60% bonded cement (less than 7.5 millivolts) set across from the first isolating shale immediately above the top of the proposed injection zone and must show evidence of cement below the bottom of the injection zone. The CBL will be submitted to Injection and Mining, Engineering Department prior to perforating and setting the packer in the well to verify adequate cement isolation. If no

additional cementing work is required, proceed with constructing the well. If additional cement work is required, perforate and squeeze as required by Injection and Mining Division and re-run the cement bond log after the squeeze. Submit the CBL to the Injection and Mining Division for approval before completing the well.

10. With approval from IMD, R/U Wireline & perforate injection interval from 6480' – 6490', with 4 spf. After perforating; Contact appropriate CES Agent to schedule the fluid level measurement for purposes of calculating the formation pressure. Take a measurement of the reservoir pressure of the injection zone. This pressure can be obtained by direct measurement from a downhole pressure gauge or by taking a static fluid level reading in the well and calculating the pressure at the perforations. This is reported on the UIC-WH1 and is now required in order to receive a permit to inject.

11. Pick up Baker Model AD1 packer and go in hole with 4 1/2" tubing & set packer on tension at 6363'. The packer must be set at a depth that is equal to or deeper than the cement in the wellbore that is bonded to the first isolating shale immediately above the approved injection zone. (No higher than 150' above TOZ)

12. Contact appropriate CES Agent to schedule the Mechanical Integrity Pressure Test (MIPT) and fluid level measurement for purposes of calculating the formation pressure. Pressure test tubing/casing annulus to 400 psi for 30 minutes. A Conservation Enforcement Specialist must be present to witness the test.

13. Submit all required paperwork within 20 days of completing the well as stated in the "Permit to Construct" and wait on "Permit to Inject" approval from IMD before injection and disposal of any fluids.

14. Monitor injection pressure and volumes to stay within the guidelines of the permit

Louisiana Office of Conservation – Injection & Mining Division: Cement Bond Logging Guidelines:

1. Gamma-ray curve 2. Casing collar locator 3. Travel Time on the 3-foot receiver 4. 0-100 mv Amplitude Curve	5. X5 or X10 Amplified Amplitude Curve (Important) 6. Variable Density Log (VDL) or Waveform (for pipe within a pipe. 7. A free pipe section 8. The most recent shop calibration & date.

Gulf States Environmental Laboratories

222 Spring St. Shreveport, La. 71101 · 800-256-6110 · 318-220-9067 · Fax 318-221-3296
LELAP CERTIFICATION # 02082

Client: RAINES & ASSOCIATES LLC
415 BRAEMAR RD.
SHREVEPORT, LA 71106

Report Date:	07/11/24
Sample ID:	SN 252606 BYT 1
Project Name:	BRICKYARD TRUCKING SWD NO. 1
Location:	SN 252606 BYT1
Collected By:	CLIENT
Time/Date Collected:	1300 07/02/24
Date Received:	07/03/24

ANALYTICAL RESULTS

GSEL ID#: 129993

GENERAL CHEMISTRY

Sample Matrix: WATER

Analyte:	Result	Units	Qualifier	Reporting Limit	Dil. Factor	Method	Time/Date Analyzed	Analyst
TDS	149,212	mg/L		10.0		SM 2540 C-2011	1450 - 07/09/24	KS
CHLORIDE	76,050	mg/L		500	100	HACH 8225 8th Ed.	1012 - 07/09/24	MR
SPECIFIC GRAVITY	1.100					ASTM D1298-99 (2005)	1125 - 07/10/24	MR
TEMPERATURE	22.8	°C				SM 2550 B-2000	1125 - 07/10/24	MR
pH	5.50	SU				EPA 150.1	1030 - 07/03/24	MR

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*The above results relate only to the items tested.
*Test reports meet all requirements of LAC 33:I
*This test report shall not be reproduced except in full, without the written approval of the laboratory.

Approval: R Scott Martin

Attachment No. 5

U – Analyte not on current Scope of Accreditation
A - Analyte detected in the associated method blank
B - Estimated value between the detection limit and the reporting limit
C - Estimated value exceeds the calibration curve
D - Surrogate recovery outside advisable QC limits
TNTC - Too numerous to count
E - Surrogate recovery unreportable due to dilution
F - Matrix interference
G - Method specific criteria not met
H - Some of the QC was outside the normal range

01

Gulf States Environmental Laboratories
222 Spring St.
Shreveport, LA 71101

(318)220-9067 or (800)256-6110
(318)221-3296(FAX)
www.gulfstateslab.com

G.S.E.L.

Company: Raines & Associates LLC

Address 415 Braemar Rd.
Shreveport, LA 71106

Attention: Bobby Raines
P.O. #:
Phone #: 318-218-7945
Cell
E-mail: bobbyrainesjr@gmail.com

G.S.E.L. #: 129993 Sampler: Raines Project Name: Brickyard Trucking SWD No. 1 Location: SN252606 BYT1

Sample	Grab Sample: Date	Grab Sample: Time	Composite Sample: start Date end		Composite Sample: start Time end		Matrix: Solid	Soil	Sludge	Liquid	Water	Preservative: HCL	HNO_3	H_2SO_4	Ice	NaOH/ASC NaOH/ZnAc	Cont.: Plastic	Glass	Number of Containers	Requested Analysis: Cl	TDS	Specofic Gravity	Temperature	pH
SN 252606 BYT 1	7/2/24	1300									✓				✓		✓		2	✓	✓	✓	✓	✓

pH: ______ SU Flow: ______ GPD Res. Cl: ______ Temp.: ______

		Date	Time
Relinquished By:	[signature]	7/3/2024	1024
Received By:			
Relinquished/Received By:			
Received By Laboratory:	[signature]	7-3-24	10:24

Page: 1 of 1

Remarks
water sample collected from saltwater tank on Aethon-HARA-Sunwi
Moore 16-21HC-001 ALT
"produced water"
SN 252606

Attachment No. 5

Gulf States Environmental Laboratories

222 Spring Street; Shreveport, LA 71101 Phone: (318) 220-9067 Fax: (318) 221-3296
LELAP Certification No.: 02083

SAMPLE RECEIPT FORM

Client: Rawes + Associates GSEL# 129993

Received By/Date and Time: CO 7-3-24 10:24

Sample Brought in By: Client ✓ GSEL_____ Other_____

Temperature: 6.6 °C Thermometer ID: IR-3

Logged in By: [signature]

1. Shipping container/cooler arrive in good condition?	Yes ✓	No___	Not Present___
2. Was sufficient ice used? (*See **Note** below)	Yes ✓	No___	Not Required___
3. Were custody seals intact on sample bottles?	Yes___	No___	Not Present ✓
4. Were custody papers (Chain of Custody) with samples?	Yes ✓	No___	
5. Were custody papers properly filled out?	Yes ✓	No___	Not Present___
6. Were custody papers signed by the client and the lab?	Yes ✓	No___	
7. Were samples collected in containers provided by GSEL?	Yes ✓	No___	
8. Did all sample containers arrive in good condition?	Yes ✓	No___	
9. Were all container labels complete?	Yes ✓	No___	
10. Did all container labels agree with custody papers?	Yes ✓	No___	
11. Was sufficient sample sent for requested analysis?	Yes ✓	No___	
12. Were all samples received within holding times?	Yes ✓	No___	
13. Do VOA vials have zero headspace?	Yes___	No___	None Received ✓
14. Was preservation checked upon receipt?	Yes ✓	No___	Initials CO
*VOA preservation checked after sample analysis.			
*Oil and Grease and TOC checked during sample analysis.			
15. Was the correct preservative used?	Yes ✓	No___	

Issues/Discrepancies:

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INJECTION AND MINING DIVISION

Person contacted about Issues/Discrepancies:

Instructions:

***Note:** In accordance with 40CFR Title 33:1 and TNI Standards samples that are delivered to the laboratory on the same day as collection may not meet the requirements of the temperature being at or below 6°C. In these cases, the samples shall be considered acceptable if the samples were received on ice and the cooling process has begun.

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Attachment No. 5

MASIP CALCULATION REQUEST

(Check the box next to the appropriate request and complete the requested information.)

☑ The applicant requests to calculate the Maximum Authorized Surface Injection Pressure (MASIP) **based on the fracture gradient of the injection formation**. As described in Intra-Office Policy Statement No. IMD 1999-03, the MASIP will be calculated not to exceed 90% of the calculated fracture pressure of the injection zone based on Eaton's Correlation of 9 ppg formation fluid. The following information has been provided:

- The specific gravity of the injection fluid is 1.10, as reported in Attachment 6 - Fluid Source Analyses.
- The top of the proposed perforations is 6480 feet, as given in Item No. 21 of the Form UIC-2 SWD application.
- An area of review of **one-quarter (¼) mile** (1,320 feet) has been conducted and all of the wells located within the radius have been identified in Attachment 2B. Each well in the AOR will be evaluated for deficiencies. If deficiencies exist, the well(s) will be properly plugged and abandoned or remediated using another approved corrective action to protect the USDW.

The signature provided at the bottom of this page certifies the applicant understands this requirement.

☐ The applicant requests to calculate the MASIP **based on the fracture gradient of the confining formation**. As described in Intra-Office Policy Statement No. IMD-GS-09, the MASIP will be calculated by limiting the pressure at the depth of injection to 75% the pressure needed to fracture the confining formation. The following information has been provided:

- The specific gravity of the injection fluid is, _____, as reported in the fluid source analyses (Attachment 6).
- The top of the proposed perforations, _____ feet, as given in Item No. 21 of the Form UIC-2 SWD application.
- The geomechanical data of the confining zone above the proposed injection zone ☐ has been or ☐ will be derived from one of the following methods:

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  - ☐ Subsurface acquisition and testing of the confining beds,
  - ☐ Wireline logging to generate mechanical properties,

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  - ☐ Leak-off testing of the confining beds using fluid with timed velocity, or
  - ☐ Other acceptable procedure: _____

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  The results of the proposed procedure ☐ have been submitted as Attachment 7A, or ☑ will be submitted prior to issuance of a permit to inject for the proposed well.
- An area of review of **one-half (½) mile** (2,640 feet) has been conducted and all of the wells located within the radius have been identified in Attachment 2B. Each well in the AOR will be evaluated for deficiencies. If deficiencies exist, the well(s) will be properly plugged and abandoned or remediated using another approved corrective action to protect the USDW.
- The proposed top of the injection zone is approximately _____ feet from the base of the USDW. If the difference between the top of the proposed injection zone and the base of the USDW is less than 1,000 feet, then the MASIP will be based on a surface pressure gradient not to exceed 0.25 psi/ft, calculated with respect to the top of the proposed perforations or the top of the open-hole completion.
- The surface casing is set at least 100 feet below the base of the USDW.
- A groundwater monitoring plan has been submitted as Attachment 7B and includes all of the following provisions:
  - Installation of a monitoring well or wells that is screened or perforated at the base of the USDW.
  - Collection of fluid from the monitoring well or wells, which will be sampled by a third party and analyzed by a LDEQ, LELAP accredited laboratory on a quarterly basis for:
    - Chlorides
    - Total dissolved solids
    - BTEX
    - Specific gravity
    - Temperature
    - pH
  - Collection of a fluid level in the monitoring well or wells on a monthly basis.
  - Submission of a quarterly report, which includes all laboratory analytical data and fluid level measurements. The report will be submitted to the Injection and Mining Division within 30 days of the end of the quarter in which the sampling and measurements were performed. It is understood that failure to file reports or delinquent filings will result in enforcement actions.

The signature provided below certifies the applicant understands this requirement.

OPERATOR'S SIGNATURE

DATE 9/17/2024

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Attachment No. 7-SN 122210

SCHLUMBERGER INDUCTION-ELECTRICAL LOG

COUNTY BIENVILLE, LA.
FIELD or WILDCAT
LOCATION SEC 17 T16N R8W
WELL R. T. LAWHON #1
COMPANY W. H. HUNT

COMPANY W. H. HUNT
Ser. # 122210
WELL R. T. LAWHON #1
FIELD WILDCAT
COUNTY BIENVILLE STATE LOUISIANA

LOCATION 2040'FNL 600'FWL
Sec. 17 Twp. 16N Rge. 8W

Other Services:
BSL, ML
HRD, FT (99)

Permanent Datum: BRADEN HEAD, Elev. 278.4
Log Measured From K.B., 11.6 Ft. Above Perm. Datum
Drilling Measured From SAME

Elev.: K.B. 290
D.F. 288
G.L. 277

Date	12-2-67				
Run No.	ONE				
Depth—Driller	6800				
Depth—Logger	6787				
Btm. Log Interval	6786				
Top Log Interval	855				
Casing—Driller	9 5/8@ 854	@	@	@	
Casing—Logger	855				
Bit Size	8 3/4				
Type Fluid in Hole	GEL BAR C.S.				
Dens. / Visc.	10.4 / 43	/	/	/	
pH / Fluid Loss	9.0 / 9.4 ml	ml	ml	ml	
Source of Sample	PIT				
R_m @ Meas. Temp.	1.2 @75 °F	@ °F	@ °F	@ °F	
R_{mf} @ Meas. Temp.	.36 @160 °F	@ °F	@ °F	@ °F	
R_{mc} @ Meas. Temp.	.90 @160 °F	@ °F	@ °F	@ °F	
Source: R_{mf} R_{mc}	C C				
R_m @ BHT	.55 @160 °F	@ °F	@ °F	@ °F	
Time Since Circ.	3 HRS				
Max. Rec. Temp.	160 °F	°F	°F	°F	
Equip. / Location	4575 / SHV	/	/	/	
Recorded By	GEREAU				
Witnessed By	BLINDERMAN,	NELSON			

JAN 9 1968
LA. GEOLOGICAL SURVEY

CONDUCTIVITY
6 — FF40 INDUCTION
1000 2000 3000
0 1000

DEP

SPONTANEOUS-POTENTIAL
15 + —

ATTACHMENT 7A / SERIAL NO. 122210 / PROJECT NO. SA08539
L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\122210_SWD No. 001.dwg

Raines & Associates, LLC
415 Braemar Road
Shreveport, LA 71106
(318) 218-7945
bobbyrainesjr@gmail.com

045567

BRICKYARD TRUCKING, LLC (B1119)

415 Texas Street, Suite 400
Shreveport, LA 71101
(318) 377-5755

Proposed
Closure Plan
& Cost Estimate

For
BRICKYARD TRUCKING, LLC (B1119)

BRICKYARD TRUCKING, LLC SWD FACILITY
Section 17, T16N – R8W
Jamestown Field, Bienville Parish, Louisiana

By
Robert B. Raines, Jr.
Raines & Associates, LLC
August 2024

Attachment 9

APPENDIX N – CLOSURE FUNDING

Closure plan and cost estimate {Section 519.C.14.(a)}

Brickyard Trucking, LLC will maintain a Surety Bond to be on file with the Office of Conservation to provide for adequate closure of the Brickyard Trucking, LLC Commercial SWD Wells and Facility.

Following is a description of the closure plan, cost estimate, and verification that these documents were provided by an independent professional consultant.

Draft documentation of closure funding {Section 519.C.14.(b)}

Following the closure plan, cost estimate, and verification is draft documentation of closure funding

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INJECTION AND MINING DIVISION

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 001, NEW WELL
BIENVILLE PARISH, LOUISIANA

Plugging and Abandoning Procedure – Brickyard Trucking SWD NO. 001

1. Complete Form UIC-17 Injection Well Work Permit to Plug and Abandon (P & A) the Brickyard Trucking SWD No. 001, with attachments and fee, and submit to the Injection and Mining Division for approval.

2. Once Work Permit is approved, Contact Conservation Enforcement Specialist (CES) agent to witness plugging and abandoning procedure.

3. Move in workover rig and rig up. Install and Test Blowout Preventer (BOP). Record test.

4. Pressure test casing/tubing annulus. Bleed off pressure in both annulus and tubing. Use weighted fluid to kill well, if necessary.

5. Pull wellhead and surface equipment to remove injection string – (4 1/2" tubing). Release tension packer and pull 4 1/2" tubing and packer.

6. Run and set retainer with wireline unit at 6360'. Run 2 7/8 in. tubing and sting into retainer. Break down formation.

7. Squeeze perforations with 200 sacks of Class A cement or until locks up. Spot 200 ft. of cement on top of retainer (6360'-6160') with 40 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

8. Go in hole and tag cement. Pressure test to a minimum of 350 psi without more than 5% loss in pressure in a 30 min. period.

9. Pump 10#/gal mud on top of cement plug within wellbore.

10. Spot 600' cement plug from 1300'–700' with 110 sacks of Class A cement (Minimum of 100' inside and outside surface casing) 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

11. Go in hole and tag cement. Pressure test plug to a minimum of 350 psi without more than 5% loss in pressure within a 30 min. period.

12. Pump 10#/gal mud on top of cement plug in wellbore.

13. Spot 100' Class A cement plug from 105' – 5' with 20 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Run tremie pipe in surface casing (10 3/4") and long string casing (7") annulus and pump 50 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack down annulus.

14. Cut all casing 5' below ground surface. Weld ½" steel plate on each casing string. Weld serial number and P&A date on top of plate.

15. Cover steel plate with soil and remediate area, remove all equipment, and restore location.

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 002, NEW WELL
BIENVILLE PARISH, LOUISIANA

Plugging and Abandoning Procedure – Brickyard Trucking SWD NO. 002

1. Complete Form UIC-17 Injection Well Work Permit to Plug and Abandon (P & A) the Brickyard Trucking SWD No. 002, with attachments and fee, and submit to the Injection and Mining Division for approval.

2. Once Work Permit is approved, Contact Conservation Enforcement Specialist (CES) agent to witness plugging and abandoning procedure.

3. Move in workover rig and rig up. Install and Test Blowout Preventer (BOP). Record test.

4. Pressure test casing/tubing annulus. Bleed off pressure in both annulus and tubing. Use weighted fluid to kill well, if necessary.

5. Pull wellhead and surface equipment to remove injection string – (4 1/2" tubing). Release tension packer and pull 4 1/2" tubing and packer.

6. Run in hole and set retainer with wireline unit at 5480'. Run 2 7/8 in. tubing and sting into retainer. Break down formation.

7. Squeeze perforations with 200 sacks of Class A cement or until locks up. Spot 200 ft. of cement on top of retainer (5480'-5280') with 40 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

8. Go in hole and tag cement. Pressure test to a minimum of 350 psi without more than 5% loss in pressure in a 30 min. period.

9. Pump 10#/gal mud on top of cement plug within wellbore.

10. Spot 600' cement plug from 1300'–700' with 110 sacks of Class A cement (Minimum of 100' inside and outside surface casing) 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

11. Go in hole and tag cement. Pressure test plug to a minimum of 350 psi without more than 5% loss in pressure within a 30 min. period.

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12. Pump 10#/gal mud on top of cement plug in wellbore.

SEP 19 2024

13. Spot 100' Class A cement plug from 105' - 5' with 20 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Run tremie pipe in surface casing (10 ¾") and long string casing (7") annulus and pump 50 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack down annulus.

INJECTION AND MINING DIVISION

14. Cut all casing strings 5' below ground surface. Weld ½" steel plate on each casing string. Weld serial number and P&A date on top of plate.

15. Cover steel plate with soil and remediate area, remove all equipment, and restore location.

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BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 003, NEW WELL
BIENVILLE PARISH, LOUISIANA

Plugging and Abandoning Procedure – Brickyard Trucking SWD NO. 003

1. Complete Form UIC-17 Injection Well Work Permit to Plug and Abandon (P & A) the Brickyard Trucking SWD No. 003, with attachments and fee, and submit to the Injection and Mining Division for approval.

2. Once Work Permit is approved, Contact Conservation Enforcement Specialist (CES) agent to witness plugging and abandoning procedure.

3. Move in workover rig and rig up. Install and Test Blowout Preventer (BOP). Record test.

4. Pressure test casing/tubing annulus. Bleed off pressure in both annulus and tubing. Use weighted fluid to kill well if necessary.

5. Pull wellhead and surface equipment to remove injection string – (4 1/2" tubing). Release tension packer and pull 4 1/2" tubing and packer.

6. Run in hole and set retainer with wireline unit at 4200'. Run 2 7/8 in. tubing and sting into retainer. Break down formation.

7. Squeeze perforations with 200 sacks of Class A cement or until locks up. Spot 200 ft. of cement on top of retainer (4200'-4000') with 40 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

8. Go in hole and tag cement. Pressure test to a minimum of 350 psi without more than 5% loss in pressure in a 30 min. period.

9. Pump 10#/gal mud on top of cement plug within wellbore.

10. Spot 600' cement plug from 1300'–700' with 110 sacks of Class A cement (Minimum of 100' inside and outside surface casing) 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

11. Go in hole and tag cement. Pressure test plug to a minimum of 350 psi without more than 5% loss in pressure within a 30 min. period.

12. Pump 10#/gal mud on top of cement plug in wellbore.

13. Spot 100' Class A cement plug from 105' – 5' with 20 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Run tremie pipe in surface casing (10 ¾") and long string casing (7") annulus and pump 50 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack down annulus.

14. Cut all casing strings 5' below ground surface. Weld ½" steel plate on each casing string. Weld serial number and P&A date on top of plate.

15. Cover steel plate with soil and remediate area, remove all equipment, and restore location.

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 001
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Plug and Abandon – Brickyard Trucking SWD No. 001

1.	Mobilization of Equipment	$4,500.00
2.	Workover Rig, Equipment and Expenses (7 days at $4,000.00/day)	$28,000.00
3.	Supervisor (7 days at $1,400.00 per day)	$9,800.00
4.	Wireline services	$9,500.00
5.	Cementing Equipment and Services	$35,000.00
6.	Weighted mud between plugs	$5,500.00
7.	Vacuum truck services (4 days at $900.00 per day)	$3,600.00
8.	Backhoe	$850.00
9.	Welder	$800.00
Estimated Total to Plug and Abandon		**$97,550.00**

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DOCKET NO Env 2025-01
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OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 002
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Plug and Abandon – Brickyard Trucking SWD No. 002

1.	Mobilization of Equipment	$1,500.00
2.	Workover Rig, Equipment and Expenses (5 days at $4,000.00/day)	$20,000.00
3.	Supervisor (5 days at $1,400.00 per day)	$7,000.00
4.	Wireline services	$8,500.00
5.	Cementing Equipment and Services	$33,000.00
6.	Weighted mud between plugs	$5,500.00
7.	Vacuum truck services (3 days at $900.00 per day)	$2,700.00
8.	Backhoe	$850.00
9.	Welder	$800.00
Estimated Total to Plug and Abandon		**$79,850.00**

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 003
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Plug and Abandon – Brickyard Trucking SWD No. 003

1.	Mobilization of Equipment	$1,500.00
2.	Workover Rig, Equipment and Expenses (4 days at $4,000.00/day)	$16,000.00
3.	Supervisor (4 days at $1,400.00 per day)	$5,600.00
4.	Wireline services	$7,500.00
5.	Cementing Equipment and Services	$31,000.00
6.	Weighted mud between plugs	$4,500.00
7.	Vacuum truck services (3 days at $900.00 per day)	$2,700.00
8.	Backhoe	$850.00
9.	Welder	$800.00
Estimated Total to Plug and Abandon		**$70,450.00**

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OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NOS. 001, 002 and 003 - NEW WELLS
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Abandon Brickyard Trucking- Tank Battery & Facility

1. Two (2) vacuum trucks to clean tanks (7 days at $1,800.00 per day) $12,600.00
2. Labor to clean tanks (7 days at $1,200.00 per day) $8,400.00
3. Disposal of 5,000 barrels of saltwater at $1.25 per barrel $6,250.00
4. Disposal of approximately 600 barrels of solids, tank bottoms at $25.00 per barrel $15,000.00
5. Transportation for disposal of solids $3,000.00
6. Dismantling and disposal of tanks and equipment $6,300.00
7. Demolition of concrete, retaining walls, and other materials related to site cleanup $125,000.00
8. Demolition and disposal or recycling of facility piping $5,880.00
9. Removal of lab and trailer $4,000.00
10. Backfill and level site and plant grass $5,200.00
11. Miscellaneous expenses $6,000.00

Estimated Total of Closure of Tank Battery & Facility $197,630.00

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OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

BRICKYARD TRUCKING, LLC
COMMERCIAL FACILITY CLOSURE COSTS
SECTION 17 – T16N – R8W
BIENVILLE PARISH, LOUISIANA

Summary Cost of Plugging and Abandoning Brickyard Trucking SWD Nos. 001, 002, 003 and Closure of Tank Battery & Facility

1. Estimated Total to Plug and Abandon Brickyard Trucking SWD No. 001 ..... $97,550.00
2. Estimated Total to Plug and Abandon Brickyard Trucking SWD No. 002 ..... $79,850.00
3. Estimated Total to Plug and Abandon Brickyard Trucking SWD No. 003 ..... $70,450.00
4. Estimated Total of Closure of Tank Battery & Facility $197,630.00
5. Supervision (15% of TB Facility Total) $29,644.50
6. Contingency (10%) $47,512.45

Total Estimated Cost to Plug and Abandon Well, Close Site and Remove Surface Equipment $522,636.95

If the site is approved, once in operation, the closure cost will be updated every year in accordance with LAC 43: XIX.513.C

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OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

AFFIDAVIT OF INDEPENDENT PROFESSIONAL CONSULTANT

STATE OF LOUISIANA

PARISH OF CADDO

Robert B. Raines, Jr., being duly sworn, deposes and says:

I am a Member and a Professional Geologist for Raines & Associates, LLC, a Louisiana Limited Liability Company; and

This affidavit is being executed for the purpose of notifying the Louisiana Department of Energy Natural Resources certifying that the closure plan and cost estimate included within this application were provided by Raines & Associates, LLC, an independent professional consultant.

Robert B. Raines, Jr., Member

Sworn to before me this 17th day of September, 2024.

Tana Gros Walsh
Notary Public

Notary # _____

Tana Gros Walsh
DeSoto Parish, Louisiana
Notary Public
Commission No. 66595
My Commission Expires At Death

Notary Public in and for DeSoto Parish, Louisiana.

My commission expires At Death.

Address of agent signing this Affidavit:

Robert B. Raines, Jr., PG
Raines & Associates, LLC
415 Braemar Road
Shreveport, LA 71106

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
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Upon completion of the application process, the commissioner will set the amount of the required bond or irrevocable letter of credit in accordance with LAC 43: XIX.519.C.14b. The applicant will obtain the required bond or irrevocable letter of credit in that amount set by the commissioner. A draft irrevocable letter of credit and Surety Bond are attached.

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

DRAFT IRREVOCABLE LETTER OF CREDIT

Dear Sirs:

We hereby establish our Irrevocable Letter of Credit No. _____ in your favor, at the request and for the account of **Brickyard Trucking, LLC** up to the aggregate amount of (amount) available upon presentation by the Commissioner of Conservation, Office of Conservation, Department of Energy and Natural Resources, State of Louisiana on:

1. your sight draft, bearing reference to this letter of Credit No. _____; and

2. your signed statement reading as follows: "I certify that the amount of the draft is payable pursuant to regulation issued in accordance with the requirements of Louisiana R.S.30:1 et seq."

This letter of credit is effective as of _____, *20__*, and must be renewable on October 1, _20_____, and on each successive expiration date, unless at 120 days before the current expiration date, we notify both you and **Brickyard Trucking, LLC**. Documentation that the required closure bond or letter of credit has been renewed must be received by September 15th of each year, unless at least 120 days before the current expiration date, we notify both you and **Brickyard Trucking, LLC** by certified mail that we have decided not to extend this letter of credit beyond the current expiration date. In the event you are so notified, any unused portion of the credit shall be available upon presentation of your sight draft for 120 days after the date of receipt by both you and **Brickyard Trucking, LLC** as shown on the signed return receipts.

This letter is subject to the Uniform Customs and Practice for Documentary Credits (2007 Revision) fixed by the International Chamber of Commerce Brochure No. 600 ("UCP 600").

We hereby agree with you and negotiating banks or bankers that drafts drawn under and in compliance with the terms of this credit shall be duly honored on due presentation to the drawee.

NAME OF BANK

By: 1) _____ 2) _____
NAME, TITLE NAME, TITLE

SIGNATURE: _____ SIGNATURE: _____

DATE: _____ DATE: _____

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

(Note: Beneficiary is Office of Conservation, Department of Energy and Natural Resources, State of Louisiana.)

STATE EXHIBIT NO. 1
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STATE OF LOUISIANA
PARISH OF EAST BATON ROUGE

DRAFT SURETY BOND

FROM: BRICKYARD TRUCKING, LLC
AND
SURETY

TO: OFFICE OF CONSERVATION
DEPARTMENT OF ENERGY AND NATURAL RESOURCES
STATE OF LOUISIANA

THIS SURETY BOND is given by Brickyard Trucking, LLC, principal, and [surety name], Surety, to Office of Conservation, Department of Energy and Natural Resources, State of Louisiana, P.O. Box 94275, 70804 - 9275, pursuant to the following terms and conditions:

Principal and surety are bound to creditor in the sum of $[TBD] Dollars, for the payment of which principal and surety jointly and severally bind themselves, their successors, and assigns.

Principal has applied to Creditor to receive a permit or has in effect a permit issued by Creditor to operate a commercial facility, Site Code TBD, for the receipt, storage, treatment and/or disposal of exploration and production waste in BIENVILLE Parish, Louisiana pursuant to the provisions of LSA-R.S. 30:4(I)(10), and LAC43: XIX. Subpart 1. Chapter 5, Sections 513 and 567. Principal is required to provide bonding to ensure the adequate closure of such facility and this bond is issued for said purpose.

This obligation shall run continuously and shall remain in full force and effect until and unless the bond is canceled as provided herein or as otherwise provided by law.

Surety may cancel the bond only by sending notice of cancellation by certified mail to both Principal and Creditor. Cancellation cannot occur or be effective until 120 days after the date of receipt of notice of cancellation by both Principal and Creditor. Further, such notice of cancellation or cancellation shall not affect this surety bond in respect to any obligation which may have arisen prior thereto.

Surety shall become liable on this bond obligation, if and when Principal fails to perform his obligation to adequately close the facility as determined by Creditor after notice and in accordance with administrative procedures.

Following such determinations, Creditors shall draw on the surety bond by requesting payment by certified mail, and Surety shall pay the amount thereof within 30 days of receipt of said demand. If payment is not made within said 30 days period Surety shall also be liable for legal interest from date of receipt of demand, 10% of principal and interest as attorney's fees and all court cost incurred to collect the obligation.

The amount of the bond liability is as expressed herein, but Principal and Surety take notice of the legal requirements for annual review of the closure bond amounts, which is based upon cost estimates for adequate closure. Following this review Creditor may increase, decrease, or allow the amount to remain the same. Upon notice from Creditor, if an increase is required, Principal shall cause the bond amount to be increased or shall otherwise provide the added security within 60 days after notice.

I WITNESS WHEREOF, the principal and Surety have executed this surety bond at _____ on this _____ day of _____, 20____.

_____ _____
WITNESS PRINCIPAL

_____
WITNESS

_____ _____
WITNESS SURETY

_____
WITNESS

Approved, accepted and executed by Creditor at Baton Rouge, Louisiana this _____ day of _____, 20____.

_____ OFFICE OF CONSERVATION
WITNESS

_____ By: _____
WITNESS Commissioner of Conservation

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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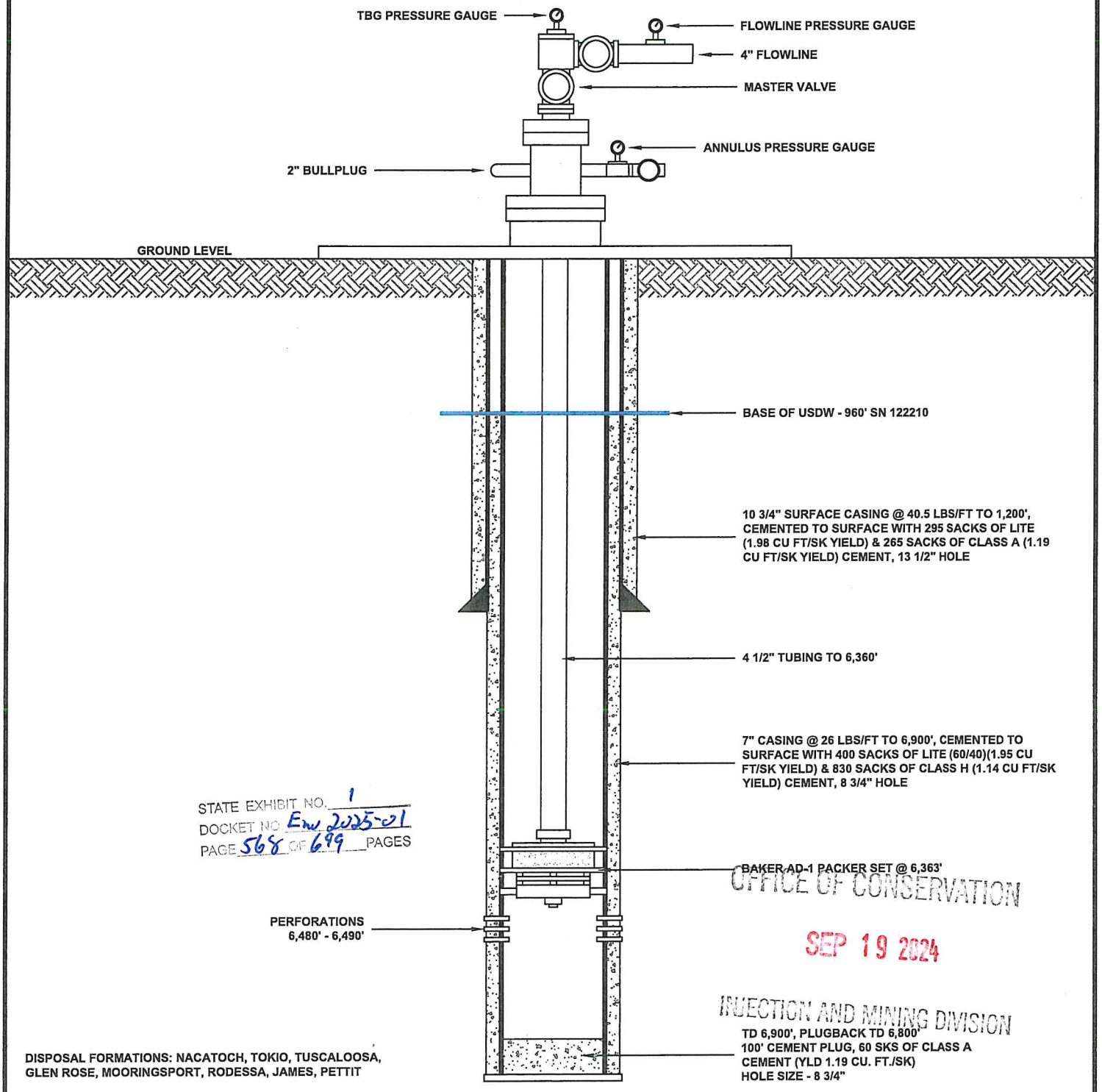
OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

THIS DOCUMENT IS A DRAFT SURETY BOND

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 001
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT, RODESSA, JAMES, PETTIT

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

BOTTOM OF INJECTIONS ZONE: 6,650' (SN - 122210)

Attachment No. 9

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 001.dwg

Raines & Associates, LLC	PROJECT NO.	SCALE	LOCATION	TITLE
	SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 001 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 001 PROPOSED WELL SCHEMATIC DIAGRAM
	PAGE	DRAWN BY		
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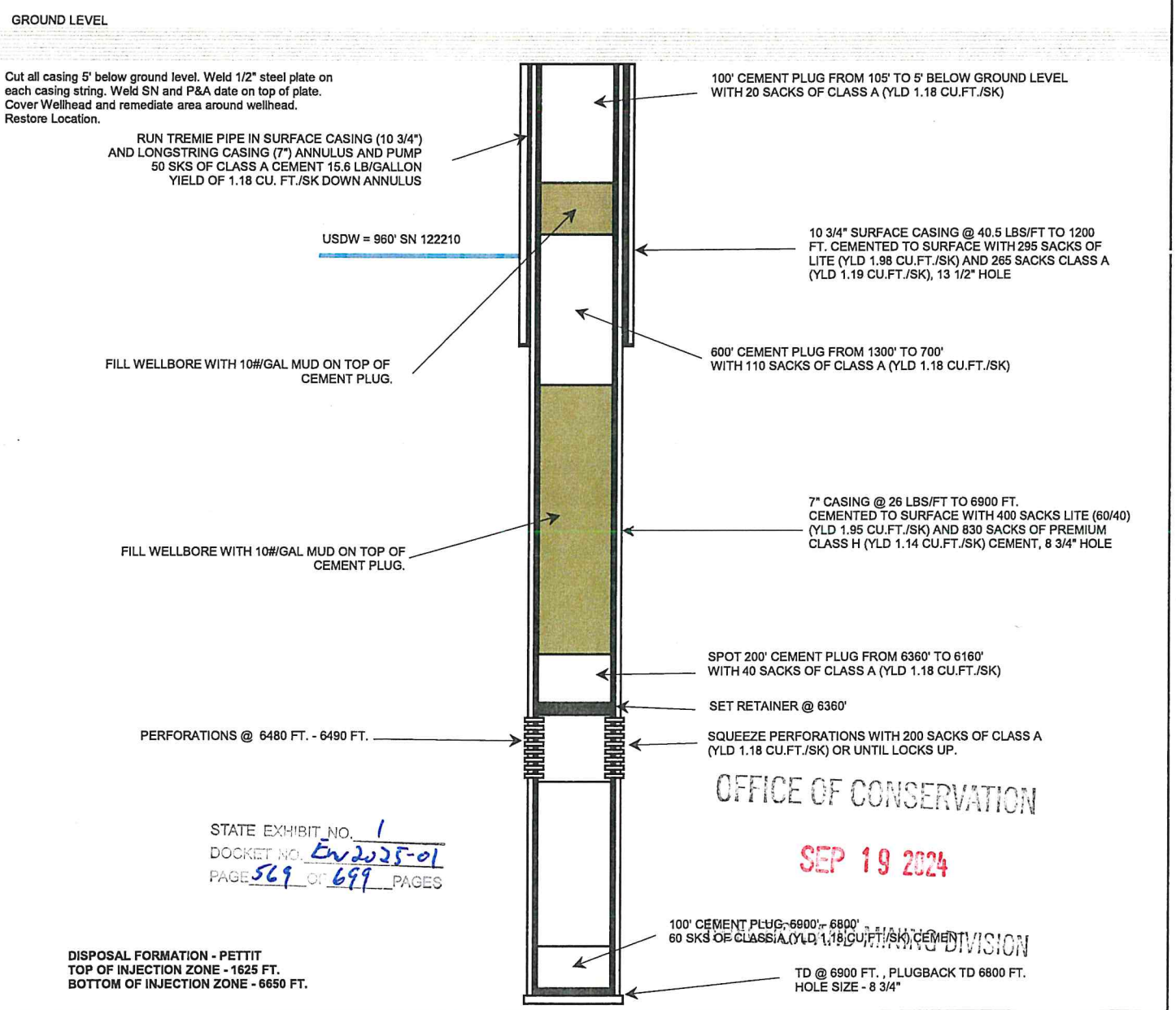
	SHEET	DATE		
	A - 8.5 X 11	03/12/24		

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 001
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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OFFICE OF CONSERVATION
SEP 19 2024
MINERAL PLANNING DIVISION

DISPOSAL FORMATION - PETTIT
TOP OF INJECTION ZONE - 1625 FT.
BOTTOM OF INJECTION ZONE - 6650 FT.

PROJECT	SCALE
SA08539	NTS
PAGE	DRAWN BY
1	JKW
SHEET	DATE
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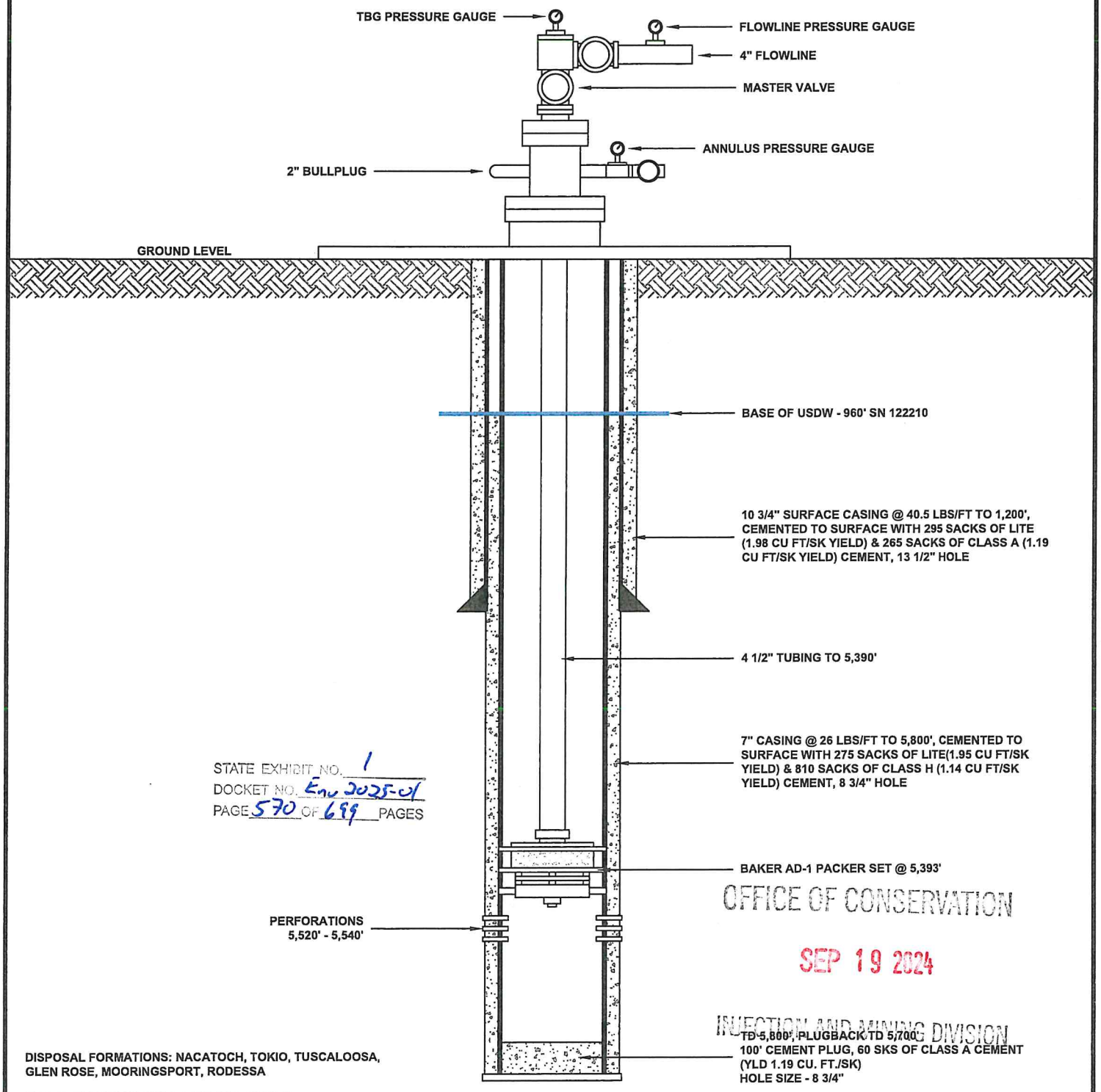
Raines & Associates, LLC.

BRICKYARD TRUCKING LLC (B1119)
BRICKYARD TRUCKING SWD NO. 001 (PROPOSED)
SECTION 17 TOWNSHIP 16 NORTH RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA

APPENDIX N
BRICKYARD TRUCKING SWD NO. 001
PROPOSED P&A
SCHEMATIC DIAGRAM
ATTACHMENT 9

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 002
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT, RODESSA

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

BOTTOM OF INJECTIONS ZONE: 5,620' (SN - 122210)

Attachment No. 9

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 002.dwg

Raines & Associates, LLC	PROJECT NO.	SCALE	LOCATION	TITLE
	SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 002 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 002 PROPOSED WELL SCHEMATIC DIAGRAM
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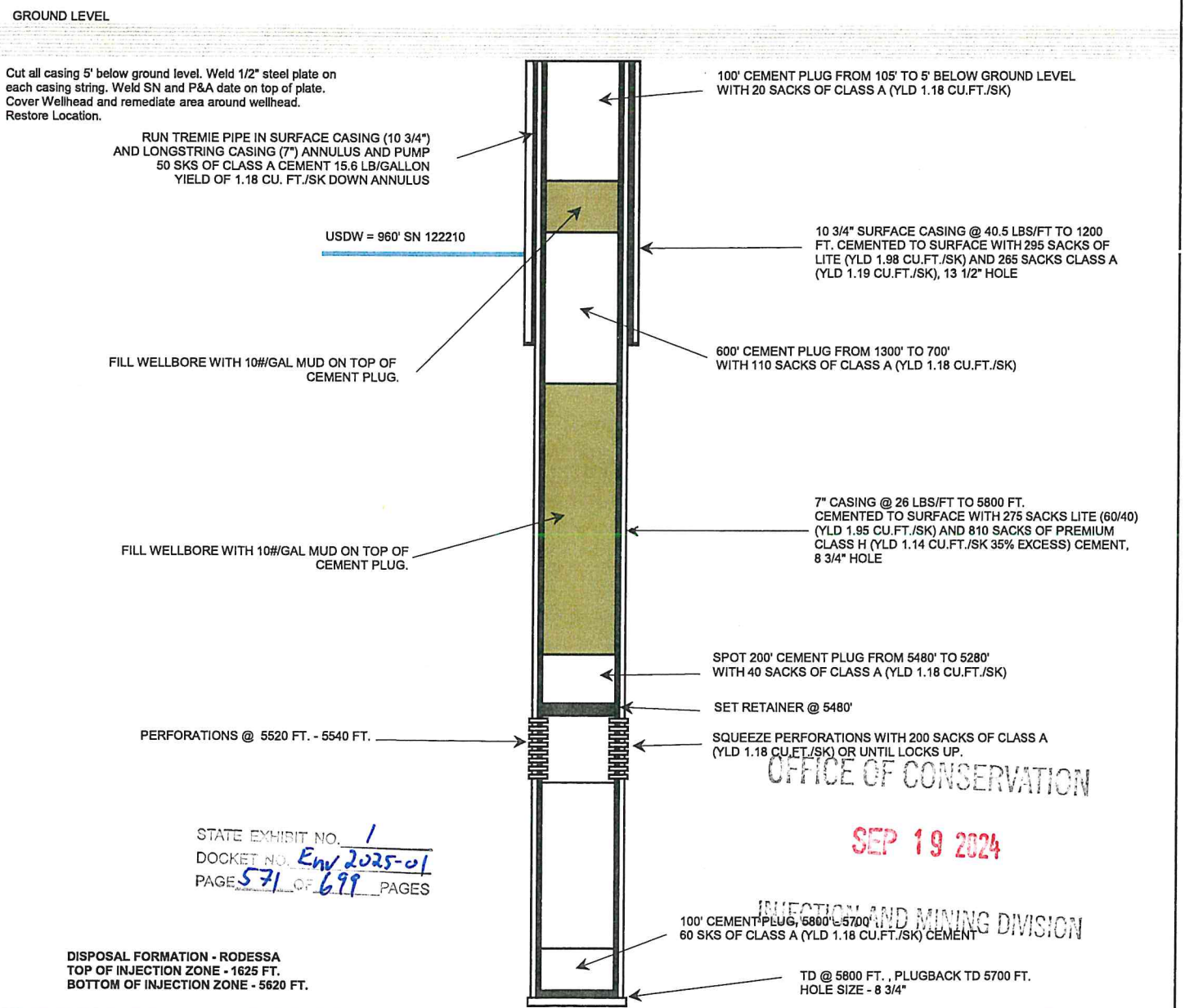
BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 002
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



DISPOSAL FORMATION - RODESSA
TOP OF INJECTION ZONE - 1625 FT.
BOTTOM OF INJECTION ZONE - 5620 FT.

PROJECT	SCALE
SA08539	NTS
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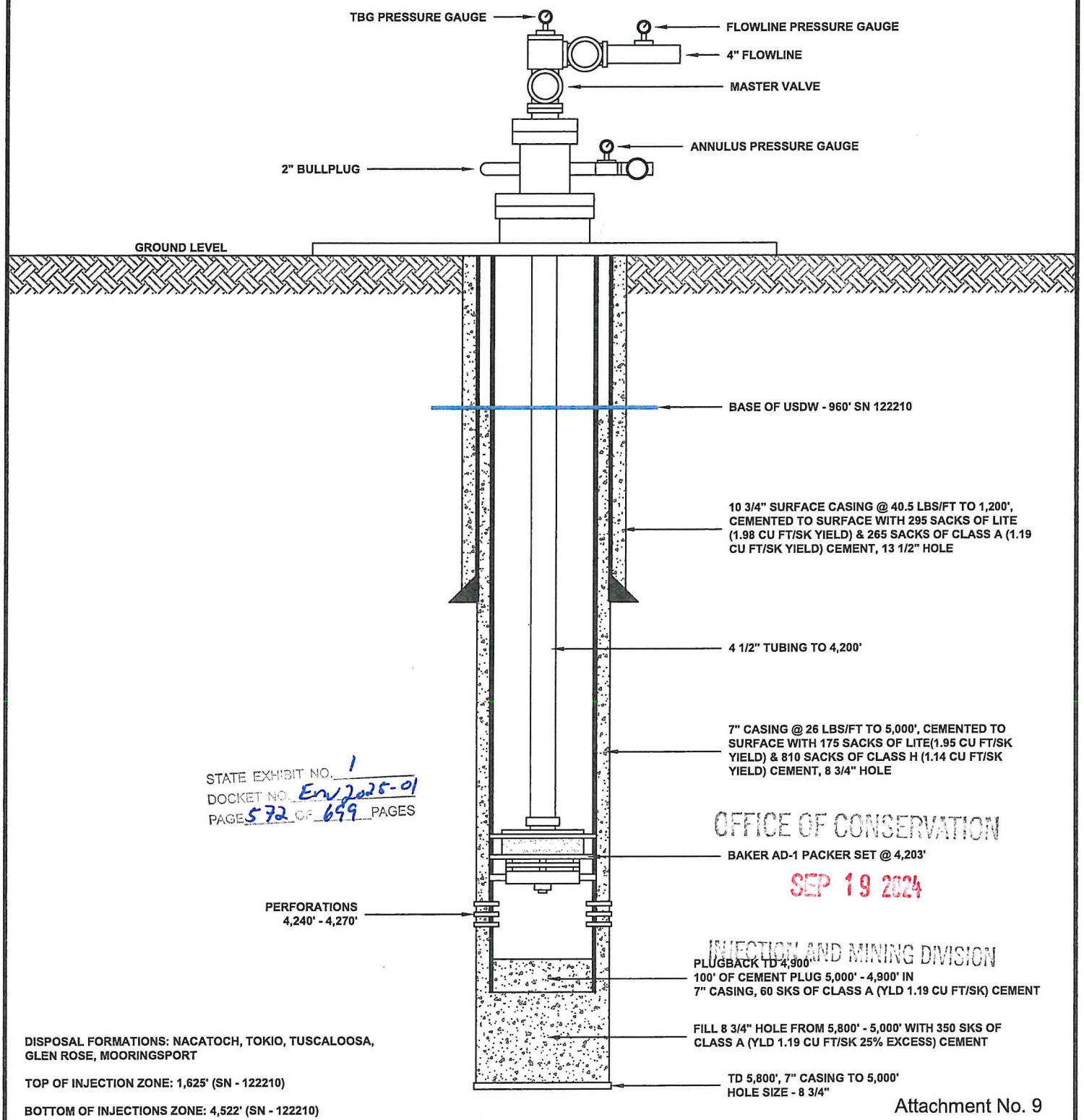
1	JKW
SHEET	DATE
A	08/08/24

Raines & Associates, LLC.

BRICKYARD TRUCKING LLC (B1119)
BRICKYARD TRUCKING SWD NO. 002 (PROPOSED)
SECTION 17 TOWNSHIP 16 NORTH RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA

APPENDIX N
BRICKYARD TRUCKING SWD NO. 002
PROPOSED P&A
SCHEMATIC DIAGRAM
ATTACHMENT 9

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 003
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

BOTTOM OF INJECTIONS ZONE: 4,522' (SN - 122210)

Attachment No. 9

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 003.dwg

Raines & Associates, LLC	PROJECT NO.	SCALE	LOCATION	TITLE
	SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 003 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 003 PROPOSED WELL SCHEMATIC DIAGRAM
	PAGE	DRAWN BY		
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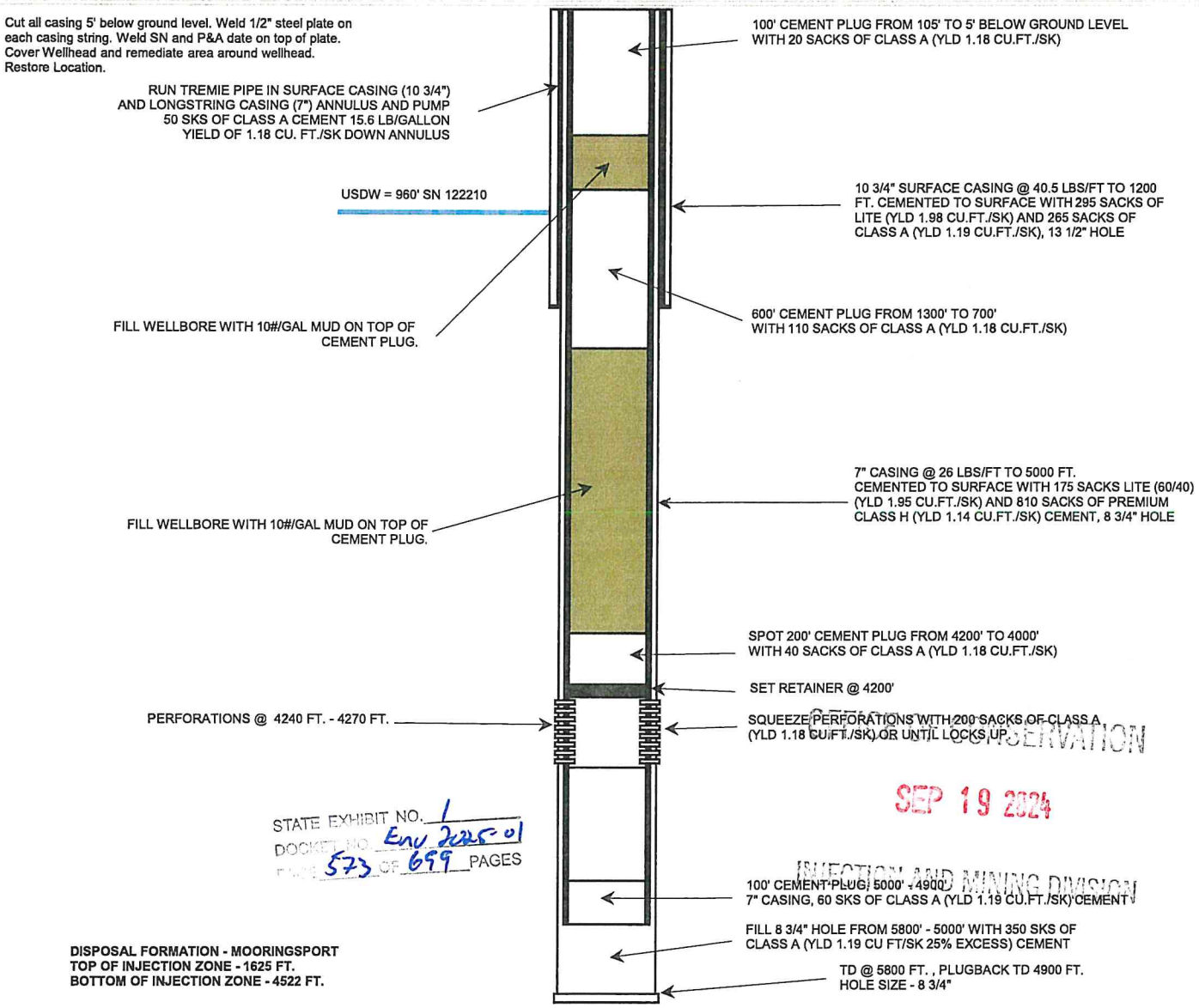
	SHEET	DATE		
	A - 8.5 X 11	03/12/24		

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 003
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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RECEIVED
OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

DISPOSAL FORMATION - MOORINGSPORT
TOP OF INJECTION ZONE - 1625 FT.
BOTTOM OF INJECTION ZONE - 4522 FT.

PROJECT	SCALE
SA08539	NTS
PAGE	DRAWN BY
1	JKW
SHEET	DATE
A	08/08/24

Raines & Associates, LLC.

BRICKYARD TRUCKING LLC (B1119)
BRICKYARD TRUCKING SWD NO. 003 (PROPOSED)
SECTION 17 TOWNSHIP 16 NORTH RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA

APPENDIX N
BRICKYARD TRUCKING SWD NO. 003
PROPOSED P&A
SCHEMATIC DIAGRAM
ATTACHMENT 9

045567

CAPITAL CITY PRESS

Publisher of
THE ADVOCATE

PROOF OF PUBLICATION

The hereto attached notice was published in THE ADVOCATE, a daily newspaper of general circulation published in Baton Rouge, Louisiana, and the Official Journal of the State of Louisiana, City of Baton Rouge, and Parish of East Baton Rouge or published daily in THE TIMES-PICAYUNE/THE NEW ORLEANS ADVOCATE, in New Orleans Louisiana or published daily in THE ACADIANA ADVOCATE in the following issues:

7/29/2024

Joy Newman, Public Notices Representative

Sworn and subscribed before me, by the person whose signature appears above

31 Jul 2024

M. Monic McChristian,

Notary Public ID#88293

State of Louisiana

My Commission Expires: Indefinite

M. MONIC McCHRISTIAN NOTARY PUBLIC STATE OF LOUISIANA

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
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Ad No: 99529

RAINES & ASSOCIATES, LLC
415 Braemar Rd
Shreveport, LA 71106

Attachment No. 10 Public Notice

PUBLIC NOTICE

PUBLIC NOTICE
SWD WELL ASSOCIATED WITH OIL AND GAS PRODUCTION

In accordance with the laws of the State of Louisiana and the particular reference to the provisions of LA R.S.30:4, and the provisions of Statewide Order No. 29-B as amended and adopted by the Office of Conservation of the State of Louisiana,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

is applying to the Injection and Mining Division of the Office of Conservation for a permit to dispose of produced fluids generated from oil and gas production by means of an injection well, which is identified as

Brickyard Trucking SWD No. 001

with an injection interval at an approximate depth of 6480 feet to 6490 feet. The well location is

Section 17 - Township 16 North - Range 8 West Jamestown Field, Brenville Parish, Louisiana

All interested parties are hereby given an opportunity to submit written comments no later than fifteen (15) days from the date of this publication. Identify the well when corresponding. Direct comments to:

Office of Conservation
P.O. Box 94275
Baton Rouge, LA
70804-9275
Re: Comments for
SWD Application

99529 July 29, 1t

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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Attachment No. 10 Public Notice

AFFIDAVIT OF PUBLICATION

STATE OF LOUISIANA

Parish of Natchitoches

Before me, a Notary Public, personally came and appeared Carolyn Bynog who, being duly sworn, did depose and say that she/he is Bookkeeper of ***The Bienville Democrat***, *(A newspaper subsidiary of the Natchitoches Times)* a newspaper of general circulation in Bienville, Parish, LA did published the Public Notice No. 1 (an injection interval at an approximate depth of 6480 feet to 6490 feet) at the request of Brickyard Trucking LLC, 415 Texas Street-400, Shreveport, LA 71101

(S)_____
Carolyn Bynog

And that as per attached, notice was published in said newspaper issue dated August 1, 2024.

SWORN AND SUBSCRIBED to before me this 11th day of AUGUST 2024

Notary Public

Kim Adamson KIM ADAMSON
60245 NOTARY PUBLIC ID #60245
STATE OF LOUISIANA
COMMISSION IS FOR LIFE.

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

Attachment No. 10
Public Notice

PUBLIC NOTICE
SWD WELL
ASSOCIATED WITH
OIL AND GAS
PRODUCTION

In accordance with the laws of the State of Louisiana and the particular reference to the provisions of LA R.S.30:4, and the provisions of Statewide Order No. 29-B as amended and adopted by the Office of Conservation of the State of Louisiana,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

is applying to the Injection and Mining Division of the Office of Conservation for a permit to dispose of produced fluids generated from oil and gas production by means of an injection well, which is identified as Brickyard Trucking SWD No. 001 with an injection interval at an approximate depth of 6480 feet to 6490 feet. The well location is

Section 17 - Township 16 North - Range 8 West
Jamestown Field, Bienville Parish, Louisiana

All interested parties are hereby given an opportunity to submit written comments no later than fifteen (15) days from the date of this publication. Identify the well when corresponding. Direct comments to:

Office of Conservation
P.O. Box 94275
Baton Rouge, LA 70804-9275

Re: Comments for SWD Application

1t. 08/01/24
#227-24

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
PAGE 577 OF 699 PAGES

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

Attachment No. 10
Public Notice

CAPITAL CITY PRESS

Publisher of
THE ADVOCATE

PROOF OF PUBLICATION

The hereto attached notice was published in THE ADVOCATE, a daily newspaper of general circulation published in Baton Rouge, Louisiana, and the Official Journal of the State of Louisiana, City of Baton Rouge, and Parish of East Baton Rouge or published daily in THE TIMES-PICAYUNE/THE NEW ORLEANS ADVOCATE, in New Orleans Louisiana or published daily in THE ACADIANA ADVOCATE in the following issues:

8/12/2024, 8/13/2024, 8/14/2024

Joy Newman, Public Notices Representative

Sworn and subscribed before me, by the person whose signature appears above

14 Aug 2024

M. Monic McChristian,

Notary Public ID#88293

State of Louisiana

My Commission Expires: Indefinite

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M. MONIC McCHRISTIAN
NOTARY PUBLIC
NOTARY NO. 88293
STATE OF LOUISIANA

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

Ad No: 101125

Bobby Raines
RAINES & ASSOCIATES, LLC
415 Braemar Rd
Shreveport, LA 71106-8533

Appendix T
Notice of Intent

NOTICE OF INTENT

IN ACCORDANCE WITH THE LAWS OF THE STATE OF LOUISIANA AND THE RULES AND REGULATIONS OF THE DEPARTMENT OF ENERGY AND NATURAL RESOURCES, OFFICE OF CONSERVATION,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

IS HEREBY PUBLISHING A NOTICE OF INTENT TO FILE AN APPLICATION WITH THE COMMISSIONER OF THE OFFICE OF CONSERVATION, POST OFFICE BOX 94275, BATON ROUGE, LOUISIANA 70804-9275. SAID APPLICATION WILL REQUEST APPROVAL FROM THE ENVIRONMENTAL DIVISION TO CONSTRUCT AND OPERATE A COMMERCIAL DEEP WELL INJECTION WASTE DISPOSAL FACILITY FOR DISPOSAL OF EXPLORATION & PRODUCTION WASTE (E & P WASTE) FLUIDS.

THE PROPOSED FACILITY WILL BE LOCATED IN BIENVILLE PARISH, SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST, APPROXIMATELY 2.0 MILES NORTH OF JAMESTOWN, LOUISIANA.

APPLICANT INTENDS TO DISPOSE OF EXPLORATION AND PRODUCTION WASTE FLUIDS GENERATED FROM THE DRILLING AND PRODUCTION OF OIL AND GAS WELLS BY MEANS OF DEEP WELL INJECTION INTO THE SUBSURFACE AFTER INITIAL STORAGE IN TANKS.

10112b-Brickyard-Aug 12-14-24

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

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AFFIDAVIT OF PUBLICATION

STATE OF LOUISIANA

Parish of Natchitoches

Before me, a Notary Public, personally came and appeared Carolyn Bynog who, being duly sworn, did depose and say that she/he is Bookkeeper of ***The Bienville Democrat***, *(A newspaper subsidiary of the Natchitoches Times)* a newspaper of general circulation in Bienville, Parish, LA did published the notice of application to construct and operate a commercial deep well injection waste disposal facility for disposal of exploration and production waste fluids at the request of Brickyard Trucking, LLC, 415 Texas Street-Suite 400, Shreveport, LA 71101

(S) Carolyn Bynog

And that as per attached, notice was published in said newspaper issues dated July 25, 2023, August 1, 2024 and August 8, 2024.

SWORN AND SUBSCRIBED to before me this 11th day of AUGUST 2024

Notary Public

Kim Adamson
#60245

KIM ADAMSON
NOTARY PUBLIC ID #60245
COMMISSION IS FOR LIFE.

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

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Appendix T
Notice of Intent

NOTICE OF INTENT

IN ACCORDANCE WITH THE LAWS OF THE STATE OF LOUISIANA AND THE RULES AND REGULATIONS OF THE DEPARTMENT OF ENERGY AND NATURAL RESOURCES, OFFICE OF CONSERVATION,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

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APPLICANT INTENDS TO DISPOSE OF EXPLORATION AND PRODUCTION WASTE FLUIDS GENERATED FROM THE DRILLING AND PRODUCTION OF OIL AND GAS WELLS BY MEANS OF DEEP WELL INJECTION INTO THE SUBSURFACE AFTER INITIAL STORAGE IN TANKS.

Appendix T
Notice of Intent

3t. 07/25/24, 08/01/24, 08/08/24
#203-24

ALTEC
ENVIRONMENTAL CONSULTING, LLC

September 17, 2024

Louisiana Department of Energy and Natural Resources
Office of Conservation
Injection & Mining Division
P. O. Box 94275
Baton Rouge, LA 70804

RE: **Commercial SWD-New Drill**
Brickyard Trucking, LLC (B1119)
Brickyard Trucking SWD Nos. 001, 002 & 003
Jamestown Field (4738) / Bienville Parish, Louisiana

Dear Sir or Madam:

As per the Louisiana Department of Energy and Natural Resources – Injection & Mining Division requirements for PE and PG Certifications for Class II Commercial Saltwater Disposal Wells, the undersigned Registered Professional Engineer has overseen the preparation of the following engineering documents:

1. Attachment 4A – Proposed Wellbore Schematic for the Brickyard Trucking SWD Nos. 001, 002 & 003
2. Attachment 4B – Proposed Work Prognosis for the Brickyard Trucking SWD 001, 002 & 003
3. Attachment 9 – P&A Wellbore Schematic for the Brickyard Trucking SWD Nos. 001, 002 & 003
4. Attachment N 14 – Closure Funding for the Brickyard Trucking, LLC Facility.

I certify to the best of my knowledge that the calculations used within are reasonable and that the documents are accurate.

Sincerely,

Robert B. Raines, III P.E.
Vice-President

Enclosures

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

STATE OF LOUISIANA
ROBERT B RAINES III
License No. 34740
PROFESSIONAL ENGINEER
9/17/24

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Raines
& Associates, LLC

September 17, 2024

Louisiana Department of Energy and Natural Resources
Office of Conservation
Injection & Mining Division
P. O. Box 94275
Baton Rouge, LA 70804

RE: **Commercial SWD-New Drill**
Brickyard Trucking, LLC (B1119)
Brickyard Trucking SWD Nos. 001, 002, and 003
Jamestown Field (4738) / Bienville Parish, Louisiana

Dear Sir or Madam:

As per the Louisiana Department of Energy and Natural Resources – Injection & Mining Division requirements for PE and PG Certifications for Class II Commercial Saltwater Disposal Wells, the undersigned Registered Professional Geoscientist has overseen the preparation of the following geological documents:

1. Attachment 7 – Well Log with Underground Source of Drinking Water (USDW),

2. Attachment 7A - Top of Injection Zone (TOZ), Base of Injection Zone (BOZ), and Proposed Perforations marked for the Brickyard Trucking SWD Nos. 001, 002 & 003.

3. Attachment 8 – Geological Cross Sections – A-A' & B-B'.

I certify to the best of my knowledge that the depths used within are reasonable and that the documents are accurate.

OFFICE OF CONSERVATION
SEP 19 2024
MINING DIVISION

Sincerely,

Robert B. Raines, Jr. PG (LA PG 433)
Professional Geoscientist

LOUISIANA BOARD OF PROFESSIONAL GEOSCIENTISTS
ROBERT B. RAINES, JR.
433
Est. 2011

9/17/2024

Enclosures

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415 Braemar Road • Shreveport, LA 71106 • Bus: (318) 218-7945 • Email: bobbyrainesjr@gmail.com

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045568

COMMERCIAL SALTWATER DISPOSAL WELL PERMIT APPLICATION

MAILING ADDRESS:
OFFICE OF CONSERVATION
INJECTION & MINING DIVISION
P.O. BOX 94275-CAPITOL STATION
BATON ROUGE, LA 70804-9275

PHYSICAL ADDRESS:
OFFICE OF CONSERVATION
INJECTION & MINING DIVISION
617 N. THIRD ST., 8TH FLOOR
BATON ROUGE, LA 70802

UIC-2 COM SWD — **PLEASE READ APPLICATION PROCEDURES** — **TYPE ONLY**

1. APPLICATION TO:
☒ DRILL NEW COM SWD WELL ☐ RE-DRILL FOR COM SWD DISPOSAL (SN: _____)
☐ CONVERT TO COM SWD WELL ☐ RE-PERMIT COM SWD WELL

OFFICE OF CONSERVATION

2. CONSERVATION ORDER NO. _____

3. OPERATOR NAME: Brickyard Trucking, LLC
ADDRESS: 415 Texas Street, Suite 400
CITY, STATE, ZIP: Shreveport, LA 71101
EMAIL: scott.wooten@saltlickllc.com

SEP 19 2024

INJECTION AND MINING DIVISION

4. OPERATOR CODE: B1119

5. PHONE: (318) 377-5755 **FAX:** (318) 625-0531

WELL INFORMATION

6. PROPOSED WELL NAME AND NUMBER: Brickyard Trucking SWD No. 002

7. SERIAL NO. (CONVERSION & RE-PERMIT ONLY)

8. FIELD:	9. PARISH:	10. SEC.	TWP.	RNG.
Jamestown (4738)	Bienville (07)	017	16N	08W

11. LEGAL LOCATION DESCRIPTION (FROM LOCATION PLAT):
located 1,837 feet from the South line and 1,950 feet from the West line of Section 17, T16N-R8W, Bienville Parish, Louisiana

12. LOCATION COORDINATES:
GEOGRAPHIC COORDINATE SYSTEM (NAD27)
LATITUDE: 32 DEG 22 MIN 16.95 SEC
LONGITUDE: 93 DEG 12 MIN 49.58 SEC

STATE PLANE COORDINATES (LAMBERT, NAD 27)
NORTH ZONE ☑ SOUTH ZONE ☐
X: 1,779,624.25 Y: 620,818.02

WELL CONSTRUCTION INFORMATION

13. CASING SIZE (IN.)	HOLE SIZE (IN.)	CASING WEIGHT	DEPTH SET TOP (FT.)	DEPTH SET BOTTOM (FT.)	SACKS CEMENT	TYPE CEMENT	TOP OF CEMENT
10 3/4	13 1/2	40.5	0	1200'	295/265	LITE/A	Surface
7	8 3/4	26	0	5800'	275/810	LITE/H	Surface

14. TUBING: ☒ STEEL ☐ OTHER (IDENTIFY) _____ **SIZE:** 4 1/2 **DEPTH (FT.):** 5390'

15. PACKER: ☒ TENSIONAL ☐ PERMANENT ☐ COMPRESSIONAL **MAKE:** Baker **MODEL:** AD-1 **DEPTH SET (FT.):** 5393'

16. PLUGGED-BACK DEPTH (FT.):	17. DRILLED-OUT DEPTH (FT.):	18. TOTAL DEPTH OF WELL (FT.):
5700'	5800'	5800'

PROPOSED INJECTION INTERVAL INFORMATION

19. DEPTH OF PROPOSED INJECTION ZONE (MD IN FT.):
TOP: 1625' BOTTOM: 5620'

20. INJECTION FORMATION NAME(S):
Nacatoch, Tokio, Tuscaloosa, Glen Rose, Mooringsport, Rodessa

21. INJECTION THROUGH:
☒ PERFORATIONS ☐ OPEN HOLE ☐ SCREEN

22. PROPOSED PERFORATED OR OPEN HOLE INTERVAL (MD IN FT.):
TOP: 5520' BOTTOM: 5540'

PRESSURE CALCULATION DATA

23. INJECTION RATE (BARRELS/MINUTE):
NORMAL: 4 BPM MAXIMUM: 8 BPM

24. INJECTION FLUID EXPECTED TEMPERATURE (°F):
SUMMER: 85 °F WINTER: 80 °F

25. INJECTION FORMATION PROPERTIES: ☒ ESTIMATED ☐ MEASURED ☐ IF MEASURED, LIST SOURCE: _____
PERMEABILITY: 500 MILLIDARCYS (MD) POROSITY: 12 PERCENT (%)

26. CALCULATE THE MASIP BASED ON THE FRACTURE GRADIENT OF THE:
☒ INJECTION FORMATION (SEE ATTACHMENT 7) ☐ CONFINING FORMATION (SEE ATTACHMENT 7)

OTHER INFORMATION

27. DESCRIBE CONTINGENCY PLANS FOR SALTWATER DISPOSAL WHEN WELL IS DOWN:

Contingency plans for water disposal when the well/facility is not in operation, is to truck or pipeline the water to another facility owned by Brickyard Trucking, LLC.

28. IS THE PROPOSED WELL LOCATED ON INDIAN LANDS UNDER THE JURISDICTION OR PROTECTION OF THE FEDERAL GOVERNMENT? ☐ YES ☒ NO

29. IS THE PROPOSED WELL LOCATED ON STATE WATER BOTTOMS OR OTHER LANDS OWNED BY OR UNDER JURISDICTION OF THE STATE? ☐ YES ☒ NO

AUTHORIZED AGENT

30. AGENT OR CONTACT AUTHORIZED TO ACT FOR THE OPERATOR DURING PROCESSING OF THIS APPLICATION.

THE SIGNATURE BY THE OPERATOR CERTIFYING THIS APPLICATION WILL AUTHORIZE THIS AGENT OR CONTACT TO SUBMIT ADDITIONAL INFORMATION AS REQUESTED AND TO GIVE ORAL STATEMENTS IN SUPPORT OF THIS APPLICATION.

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

NAME: Scott Wooten
COMPANY: Brickyard Trucking, LLC
ADDRESS: 415 Texas Street, Suite 400, Shreveport, LA 71101
PHONE: (318) 377-5755
EMAIL: scott.wooten@saltlickllc.com

WRITTEN CORRESPONDENCE SHOULD BE SENT TO (CHOOSE ONE): ☐ OPERATOR ■ AUTHORIZED AGENT

CERTIFICATION BY OPERATOR

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my personal knowledge or inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

31. NAME (PRINT)	32. TITLE (PRINT)
Scott Wooten	Manager
33. SIGNATURE	**34. DATE**
Scott Wooten	9/12/24

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COMMERCIAL SALTWATER DISPOSAL WELL PERMIT APPLICATION PROCEDURES FOR FORM UIC-2 COM SWD

PERMITTING PROCESS

- Upon receipt of the original submittal, an Initial Application Review letter will be sent out by the Injection and Mining Division (IMD) noting missing or incorrect information.
- Additional revisions to the application may be requested as the application progresses through the technical review process. Please include the 'Application No.' assigned by IMD on the upper right corner of each page of the revisions. The 'Application No.' can be found on your receipt letter, which you should receive within two weeks of receipt of your Application by IMD.
- The permitting process is a two-step procedure:

1st Step: After the Application is reviewed and found to be complete and to meet the requirements of Statewide Order 29-B, an "Approval to Construct" letter will be issued. This will allow the well to be drilled and completed or to be converted as described in the Application, but **NOT TO INJECT**. A list describing the "Reporting Requirements" will be included with the "Approval to Construct" letter. The "Reporting Requirements" will tell you what you need to file with the Injection & Mining Division (IMD) after completion of the well and before issuance of the final well PERMIT TO INJECT.

2nd Step: The Well History, mechanical integrity test results (witnessed by a IMD inspector), and logs are reviewed. If found adequate, a final "Permit" letter to inject fluids will be issued. If not adequate, the IMD will tell you what remedial action, if any, can be taken to obtain a "PERMIT TO INJECT".

PUBLIC NOTICE

- **For a proposed COM SWD WELL at a NEW FACILITY:**

  Refer to LAC 43:XIX.519.B for public notice guidance for proposed Commercial SWD Wells at a New Commercial Facility.

- **For a proposed COM SWD WELL at an EXISTING FACILITY:**

  Refer to LAC 43:XIX.529.B for public notice guidance for proposed Commercial SWD Wells at an Existing Commercial Facility.

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

APPLICATION GUIDELINES

- These procedures are intended to provide applicants with a checklist to ensure all information is provided. Depending on the given well, additional items may be required.
- This list applies to new wells to be drilled and those to be converted, re-drilled, or re-permitted for injection.
- Supporting documentation is required in the form of attachments. Label each of the attachments by number in the lower right-hand corner; example: "Attachment 2A".
- Any Orders pertaining to the permitting of this well should also be attached.
- Items 30 through 33 of the Form UIC-2 COM SWD Application should be certified with an original signature from an associate of the operating company. The associate may be an officer; manager; general partner; proprietor; operator of the well, field or facility; or any direct employee of the operating company employed in a decision-making role. This Division will not accept a signature from an agent or consultant of the operating company to certify the application.
- If the surface casing is not set 100 feet below the base of the Underground Source of Drinking Water (USDW), please contact a Geologist with this Division for guidelines pertaining to surface casing variances.

SUBMIT THE APPLICATION IN THE FOLLOWING ORDER:

- **Application for Permit or to Amend Permit to Drill for Minerals**
  - **For a NEW DRILL or RE-DRILL**, two copies of completed form MD-10-R (Yellow Card)
  - **For a CONVERSION or RE-PERMIT**, two copies of completed form MD-10-R-A (Pink Card)
  - Both cards must have original signatures. The information provided must match items 3 to 11 on the Form UIC-2 COM SWD Application.

- **Filing Fee**

  Check made payable to "Office of Conservation". Please refer to LAC 43:XIX.Chapter 7 for the current fee schedule or contact the IMD at (225) 342-5515.

- **Nonrefundable Hearing Fee**
  - **For a NEW DRILL or CONVERSION at a NEW FACILITY,** make check payable to "Office of Conservation". Please refer to LAC 43:XIX.Chapter 7 for the current fee schedule or contact the IMD at (225) 342-5515.
  - **For a NEW DRILL or CONVERSION at an EXISTING FACILITY,** not applicable unless a hearing is requested, and is subsequently approved by the Commissioner of Conservation.

- **APPLICATION** – Commercial Saltwater Disposal Well Permit Application
  - Form UIC-2 COM SWD with an original signature from an officer with the operating company authorized to certify the application.
  - All items must be answered or noted "N/A"--not applicable.

- **ATTACHMENT 1** -- Location Plat
  - **For a NEW DRILL, RE-DRILL, or RE-PERMIT**, include an original certified drilling location plat, labeled "Attachment 1." This plat may be combined with Attachment 2, as long as it is a certified plat. The IMD requires that the Location Plat contains geographic coordinates in GCS- Latitude, Longitude (NAD27 and NAD 83) and State Plane- X,Y (Lambert, NAD27 and NAD83) for the proposed COM SWD well. The location plat must reflect, at a minimum, a Class D Survey as defined by the Professional and Occupational Standards for Professional Engineers and Land Surveyors in LAC 46:LXI.2905.A.4. A Class D Survey requires a degree of accuracy to the nearest foot.
  - **For a CONVERSION**, include the drilling location plat, labeled "Attachment 1." It may be a photocopy if the correct State Plane- X,Y (Lambert, NAD27) coordinates are available in the DNR database (SONRIS). If State Plane- X,Y coordinates are missing or are incorrect in SONRIS, an original certified location plat must be submitted. This plat may be combined with Attachment 2 and must meet the same requirements as those defined for a new drill, re-drilled, or re-permitted wells.

- **ATTACHMENT 2** -- Area of Review

2A. Area of Review (AOR) Map (Attachment 2A)

The AOR map must identify, within a one-quarter-mile (1320-ft.) radius of the proposed injection well, the locations for the following:

- The proposed injection well
- All producing wells
- All injection wells
- All shut-in wells
- All plugged and abandoned wells

- All dry holes
- All source water wells (for enhanced recovery)
- All freshwater wells
- Include a legend to identify each well and to otherwise clarify the AOR map. Except for freshwater wells, only information on file with the Office of Conservation and pertinent information known to the applicant is required to be included on this map.

2B. AOR Well List (Attachment 2B)

The AOR Well List must identify all wells in the AOR except for the freshwater wells. A diligent search must be attempted to locate all wells within the AOR of the proposed injection well. The search must include:

- Conducting a foot-search of the AOR to identify any wells in the field;
- Searching SONRIS for wells in the DNR database; **AND**
- Researching field maps and company files.

The search should identify the following types of wells: all producing wells, all injection wells, all shut-in wells, all plugged and abandoned wells, all dry holes, and all source water wells (for enhanced recovery).

Applicants must complete the Area of Review Well List that is included in this application package. IMD will not accept printouts of the SONRIS database search in lieu of the Area of Review List. If no wells are found within the AOR, then type "No Wells Found" on "Attachment 2B".

2C. Freshwater Well List (Attachment 2C)

The Freshwater Well List must identify all the freshwater wells within the AOR. A diligent search must be attempted to locate all freshwater wells within the AOR of the proposed injection well. The search must include:

- Conducting a foot-search of the AOR to identify any freshwater wells in the field;
- Searching the Department of Transportation and Development's (DOTD) database of Registered Water Wells in the state of Louisiana (http://www.dotd.state.la.us/intermodal/wells/disclaimer.asp). A printout of the DOTD database search must be include with the application package; **AND**
- Researching company files for Rig Supply wells.

Applicants must complete the Freshwater Well List that is included in the Form UIC-2 SWD Application package. IMD will not accept printouts of the DOTD database search in lieu of the Freshwater Well List. All wells listed on the Freshwater Well List must be plotted on the Area of Review Map and/or the Location Plat.

2D. Include a printout of the DOTD database search of the AOR and label the list "Attachment 2D."

2E. Laboratory Analyses (Attachment 2E)

Include a laboratory analysis of a water sample from EACH freshwater well listed on "Attachment 2C." Identify each sample using the DOTD Well ID of the well that was sampled. If the well is not registered with the DOTD database, identify the sample using the well name that used to identify the well on the Freshwater Well List (Attachment 2C). The laboratory analysis must be a **signed original** from a LDEQ LELAP accredited laboratory. A PDF list of Accredited Laboratories can be found on the LDEQ website, http://www.deq.louisiana.gov, under ***Divisions >> Laboratory Services >> Laboratory Accreditation.*** The analysis sheet(s) must identify the freshwater well sampled, and, at a minimum, include measurement of:

- Chloride (mg/l)
- Total Dissolved Solids (mg/l)

Provide an explanation if samples are not obtainable.

- **ATTACHMENT 3** -- Facility Diagram

The diagram should be to scale (or reasonably close) and labeled, "Attachment 3." A surface facility diagram that shows the following, where applicable:

- Proposed well
- Storage tanks
- Containment levees
- Flow lines entering and leaving the facility
- Filters
- Treatment system/equipment
- Other Class II wells
- Access roads
- Buildings
- Unloading areas
- Barges
- Containers (including design capacities)
- All other equipment and operational features of the storage, treatment and/or disposal system

- **ATTACHMENT 4** -- Well Schematic Diagram

For a NEW DRILL, two attachments are required:

- A schematic diagram of the proposed well, labeled "Attachment 4A".
- A work prognosis describing the sequence of work to be performed, labeled "Attachment 4B".

For a CONVERSION, RE-DRILL, or RE-PERMIT, three attachments are required:

- A schematic diagram of the well as it currently exists (before conversion to injection), labeled "Attachment 4A".
- A schematic diagram of the well as it is proposed to be completed, labeled "Attachment 4B".
- A work prognosis describing the sequence of work to be performed, labeled "Attachment 4C".

If a cement bond log (CBL) has been run prior to submission of the application, please submit a copy with the application.

The schematic diagram(s) must match items 13 to 22 on the Form UIC-2 COM SWD Application and show the following:

Surface equipment:

- Well head
- Pressure gauges
- Flow line diameters at wellhead
- Monitoring equipment, if used

Subsurface equipment:

- All casing strings:
  - Diameter
  - Weight (per foot)
  - Depth set (top and bottom).

  Surface casing must extend at least 100 feet below the USDW.

- Hole (drill bit) diameters
- Cement specifications:
  - Type of class
  - Number of sacks
  - Tops of cement (indicate whether calculated, logged, or to be logged)
- Proposed cement squeeze(s), if any:
  - Type or class
  - Number of sacks
  - Calculated top of cement (to be logged)
- Injection tubing:
  - Diameter
  - Type or material
  - Depth
- Packer:
  - Type
  - Depth

    The packer must be set at or below the cement in the wellbore that is bonded to the first isolation shale formation immediately above the top of the proposed injection zone. But in no case, should the packer be set higher than 150 feet above the top of the proposed injection zone. Proof of isolation (bonded cement) must be provided by a cement bond log (CBL).
- Proposed injection zone (see notes for Attachment 7):
  - Top
  - Bottom
- Proposed initial perforated, open-hole, or screened interval:
  - Top
  - Bottom
- Depths:
  - Total Depth
  - Drilled-out depth (where applicable)
  - Plugged-back depth (where applicable)

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INJECTION AND MINING DIVISION

- **ATTACHMENT 5** -- Injection Fluid Analysis

A laboratory analysis of a representative sample of the fluid to be injected in the proposed well, labeled "Attachment 5". The laboratory analysis must be a **signed original** from a LDEQ LELAP accredited laboratory. A PDF list of Accredited Laboratories can be found on the LDEQ website, http://www.deq.louisiana.gov, under Divisions>>Laboratory Services>>Laboratory Accreditation.

The analysis sheet must indicate the source of the sample and IMD should be able to track the sample to the fluid source wells. At a minimum, the analysis should include measurement of:

- Chloride (mg/l)
- Specific gravity or density (g/cc or ppg)
- Total Dissolved Solids (mg/l)
- Temperature of sample when specific gravity was measured

- **ATTACHMENT 6** – MASIP Calculation Request

The Maximum Surface Injection Pressure (MASIP) can be calculated **based on the fracture gradient of the injection formation**, or **based on the fracture gradient of the confining formation**. Applicants must request how the MASIP should be calculated for the proposed well. Please refer to Attachment 6- MASIP Calculation Request (included in this application package) for additional information regarding each calculation's requirements. Complete, sign, and submit the request, with any other necessary information, as Attachment 6 of the Form UIC-2 SWD Application.

- **ATTACHMENT 7** – Electric Logs

For a NEW DRILL, please include electric logs (e-log) of the closest well to the proposed well location which show the proposed injection zone and USDW. E-logs of more than one well may be included, if necessary, to show both the lowermost USDW and proposed injection zone. A diligent search must be made to locate at least one e-log within one mile of the proposed well. If an e-log can not be located within one mile, a search may be extended up to two miles. If an e-log is not available, use a sheet of paper labeled, "Attachment 7" which states, "No e-logs are available from wells within a two-mile radius of the proposed well location".

For a CONVERSION, RE-DRILL, or RE-PERMIT, please include a duplicate of the original e-log or a photocopy of the e-log from the well proposed for conversion. If the lowermost USDW was not logged, please include an e-log from a well within a one-mile radius that shows the lowermost USDW.

Please apply the guidelines below and mark the following information on the e-logs:

- ***The Serial Number of the Well***

  Mark with e-log with the serial number of the well, and ensure that the complete e-log, from the header to the bottom logged interval, is submitted. The 5-inch/100-ft-scale portion is not necessary.

- ***The Base of the Lowermost Underground Source of Drinking Water (USDW)***

  Conduct a one-mile search from the proposed well location to locate the closest well with an e-log that shows the lowermost USDW. The USDW can be determined from the deep induction curve, generally the dotted curve, on the e-log. Resistivity changes with temperature and depth, therefore the guidelines below are used to approximate the lowermost USDW in sands at the following depths:

  - **Ground surface to 1,000 feet: 3 ohms or higher is considered USDW;**
  - **1,000 feet to 2,000 feet: 2 ½ ohms or higher is considered USDW; and**
  - **2,000 feet and deeper: 2 ohms or higher is considered USDW.**

  Clay or shale intervals with resistivities higher than these are not considered USDW's. Please provide an e-log from the search area that shows there is at least 100 feet of net shale between the top of the proposed injection zone and the base of the USDW.

- ***The Top and Bottom of the Proposed Injection Zone***

  - An injection zone consisting of multiple sands may be permitted, provided that the USDW and sands capable of hydrocarbon production are isolated. Permitting a zone of multiple sand units will allow for future perforations within the permitted injection zone by applying for a work permit (Form UIC-17).
  - Cement isolation confining the top of the proposed injection zone must be confirmed by a Cement Bond Log (CBL). The CBL must show cement in the wellbore bonded to the first isolating shale formation immediately above the approved injection zone.
  - The packer must be set at or below the cement isolation confining the top of the proposed injection zone, but no more than 150 feet above the top of zone.
  - Conduct a one-mile search from the proposed well location to locate productive wells. Ensure that there is at least 100 feet of net shale between the proposed injection zone and any productive intervals.

- ***The Proposed Perforated Interval***

- **ATTACHMENT 8** -- Geologic Cross Sections

Provide strike and dip geologic cross sections in the north-south and east-west directions, which intersect at the location of the proposed injection well. These cross sections must include, at a minimum:

- Available log control: label the serial number, well name, and well number of each e-log
- Geologic units
- Lithology from the surface to the lower confining bed below the proposed injection zone
- Local geology in at least a two-mile radius from the proposed injection well
- Base of the Underground Sources of Drinking Water
- Vertical and Lateral limits of the proposed injection zone (reservoir)
- Vertical and Lateral limits of the upper and lower confining beds
- Location of faults or other geologic structures
- Vertical and horizontal scales

- **ATTACHMENT 9** – Commercial Saltwater Disposal Well Closure Plan and Cost Estimate

Provide a closure plan for plugging and abandoning the proposed well and a cost estimate to implement the closure plan.

- **ATTACHMENT 10** -- Public Notice

An original copy of proof of publication of each legal notice. Please check for accuracy of serial number; well name and number; section, township, and range; etc. If these are not correct, the publication will not be acceptable. You will be billed by each journal for the publication.

Complete the legal notice attachment and send the notice to:

- The state journal: ***The Advocate*, Legal Ad Department, P.O. Box 588, Baton Rouge, LA 70821, (225) 388-0128.**
- The parish journal. Contact the Louisiana Secretary of State-Publication Division for a list of the parish journals at **(225) 922-0309** or view the list on-line at http://www.sos.louisiana.gov/pubs/pubs-opj.htm.
- The journal of general circulation.

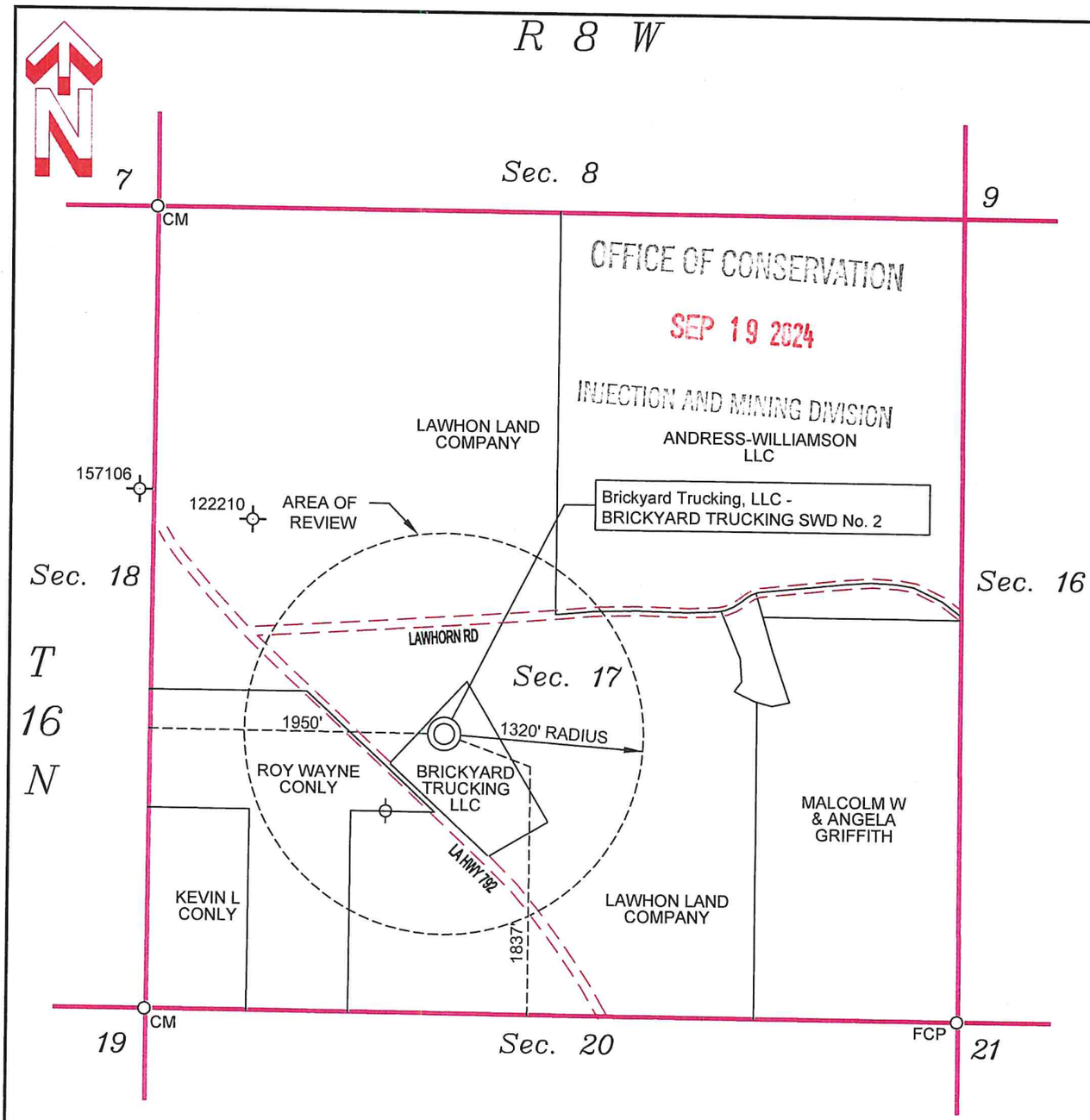
The journal will send you a notarized "Proof of Publication", which is to be labeled, "Attachment 10", and included as part of the Application. If the Proof of Publication is not received when the Application is sent to the IMD, it may be sent later provided you also write the Application No. on the Public Notice. The "Application No." can be found on your receipt letter, which you should receive within two weeks after your Application reaches the IMD.

- **ATTACHMENT 11** -- Well History and Work Resume Report

- **For a CONVERSION or RE-PERMIT**, a photocopy of each Well History and Work Resume Report (Form WH-1) that have previously been filed with the Office of Conservation.
- **For a RE-DRILL**, a photocopy of the previously filed WH-1 that documents the plugging and abandonment of the well.
- **For a NEW DRILL**, there is no Attachment 11.

- **DUPLICATE COPY**

Please include a photocopy of the **complete application and attachments**. Both the "original" and the "photocopy" must be included to be considered a complete Application.



Elevation of Ground at location 245.4' NAVD88

SURFACE LOCATION			
NAD 27		NAD 83 (2011)	
Lat.	32°22'16.95" N	Lat.	32°22'17.50" N
Long.	93°12'49.58" W	Long.	93°12'50.19" W
Lat.	32.3713753° N	Lat.	32.3715272° N
Long.	93.2137725° W	Long.	93.2139422° W
X =	1,779,624.25	X =	3,060,410.29
Y =	620,818.02	Y =	681,525.58

----LEGEND----

- Proposed SWD Location
- Dry Hole
- Water Well (Inactive)
- CM Concrete Monument
- FCP Fence Corner Post

Note: No water well registration found on SONRIS within Area of Review

Note: The water well shown hereon appears to be inactive

Brickyard Trucking, LLC -
BRICKYARD TRUCKING SWD No. 2
Surveyed on November 20, 2023 as follows:

SURFACE LOCATION: being 1837 feet from the South line and 1950 feet from the West line of SECTION 17, T16N-R8W, BIENVILLE PARISH, LOUISIANA

ANY BEARINGS AND DISTANCES SHOWN ARE GRID (SPCS27-LA-N-1701)

0' 1000' 2000'

1"=1000'

STATE OF LOUISIANA
BENJAMIN C. WINN
REG. No. 4778
REGISTERED
PROFESSIONAL
LAND SURVEYOR

BASIS OF WELL POSITION AND GROUND ELEVATION: GNSS OBSERVATIONS PERFORMED COINCIDENT WITH GROUND SURVEY UTILIZING LSU C4G RTN AND RTK NETWORK SERVICE.
PROJECTION: SPCS83-LA-N-1701 LATEST VERSION NAD 83(2011) EPOCH 2010.00 (THEN CONVERTED TO NAD27).
DATUM: NAVD 1988 (GEOID 12A).
BENCHMARK - LSRC CORS - CSTA - COUSHATTA, LA.

NOTE: This plat does not represent a Property Boundary Survey, Route Survey or Unitization Survey and therefore does not comply with the applicable standards of practice stipulated in LAC Title 46:LXI, Chapter 29, Standards of Practice for Boundary Surveys as currently adopted by the Louisiana Professional Engineering and Land Surveying Board. It is, however, in compliance with the State of Louisiana, Department of Natural Resources, Office of Conservation, Injection and Mining Division Location Plat Requirements, Policy No. IMD-GS-10.

I, Benjamin C. Winn, Professional Land Surveyor, certify that the well location depicted and described in this plat was staked and surveyed in the field by me or under my direction with accuracy and precision to the nearest foot. I have properly examined this plat and have determined that it complies with existing local Louisiana codes, and has been property site adapted to use in this area.

8/09/2024

Benjamin C. Winn, P.E., P.L.S. (LA Reg. No. 4778) Date
Winn Surveying & Engineering, L.L.C.
Springhill, LA 71075 (318) 423-5325

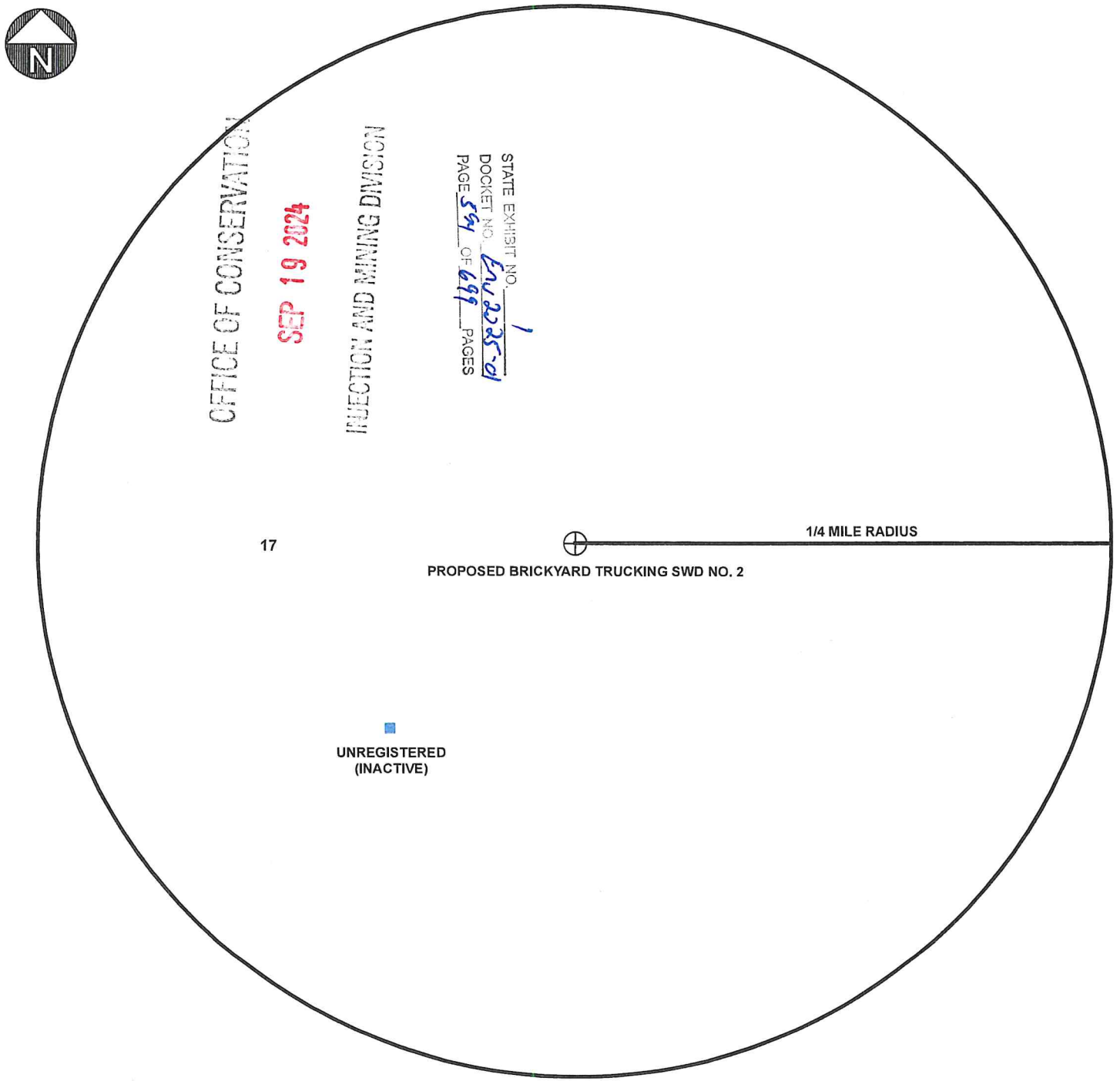
This well location was surveyed on the ground on 11/20/2023.

WELL LOCATION PLAT
Brickyard Trucking, LLC
BRICKYARD TRUCKING SWD No. 2
Located in Section 17, T16N-R8W
Bienville Parish, Louisiana
July 01, 2024

File Name: S:\PROJ23\23781\23781SWD002WL.DWG

Attachment 1
Location Plat

Rev. 0 - July 01, 2024
Rev. 1 - August 09, 2024



L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\GIS\SA08539 Attachment 2A - AOR SWD No. 2 .mxd

TITLE

ATTACHMENT 2A
AREA OF REVIEW

LOCATION

BRICKYARD TRUCKING, LLC. (B1119)
BRICKYARD TRUCKING SWD NO. 2
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD
BIENVILLE PARISH, LOUISIANA

LEGEND

⊕ NEW WELL

■ UNREGISTERED WATER WELL (INACTIVE)

Raines & Associates, LLC

PROJECT NO.	SCALE
SA08539	1" = 350'
PAGE	**DRAWN BY**
1	JKW
SHEET	**DATE**
A - 8.5 X 11	02/15/24

045568

AREA OF REVIEW WELL LIST

OPERATOR CODE	WELL NAME & NO.	SERIAL NUMBER	WELL STATUS*	TOTAL DEPTH (FT.)	PERFORATED OR COMPLETED INTERVAL (FT).		
	There are no wells in the					TO	
	Area of Review of 1320'.					TO	
						TO	
						TO	
						TO	
						TO	
						TO	
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SEP 19 2024
INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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*Well Status: Active- Injection (09), Active- Producing (10), Unable to Locate (28), Dry & Abandoned (29), P&A (30), etc.

(ATTACH ADDITIONAL LISTS IF NEEDED)

FRESHWATER WELL LIST

☐ **A DILIGENT SEARCH WAS MADE TO LOCATE ALL FRESHWATER WELLS WITHIN A 1/4 MILE RADIUS OF THE PROPOSED WELL AND NO WELLS WERE LOCATED.**

☒ **A DILIGENT SEARCH WAS MADE TO LOCATE ALL FRESHWATER WELLS WITHIN A 1/4 MILE RADIUS OF THE PROPOSED WELL AND THE FOLLOWING WELLS WERE LOCATED.**

OWNER	WELL NAME	TYPE*	STATUS**	TOTAL DEPTH (FT.)	LOCATION
R. W. Conly	unregistered water well	residential	not in service	unknown	Behind abandoned house
			inactive		See attached survey

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*Type of Well: PUBLIC SUPPLY, DOMESTIC (supplies one or a few homes), INDUSTRIAL (including commercial), LIVESTOCK, IRRIGATION (including catfish & crawfish farming), MONITORING, RIG SUPPLY, HEAT PUMP SUPPLY, OBSERVATION (by a qualified agency or company), AQUIFER DEWATERING, RECOVERY (of contaminants), other (describe).

**Status of Well: ACTIVE (used at least once a month), STANDBY, INACTIVE (but useable with minor work or effort), ABANDONED (but not plugged).

Water Wells By LATITUDE / LONGITUDE Report

Latitude	Longitude	Radius Ft	MSG
32.371388889	-93.213888889	1320	Found 0 records

Well Distance Ft	SECTION	TOWNSHIP	RANGE	PARISH_NAME	PARISH_NUM	LOCAL_WELL_NUM	WELL_USE	DESCRIPTION	WELL_STATUS	OWNERS_NUM	OWNERS_NAME	DRILLERS_NAME	WELL_DEPTH	CASING_DIAMETER	DATE_COMPLETED	WATER_LEVEL	DATE_MEASURED	GEOLOGIC_UNIT	LATITUDE	LONGITUDE

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INJECTION AND MINING DIVISION

Attachment 2D

Gulf States Environmental Laboratories

222 Spring St. Shreveport, La. 71101 · 800-256-6110 · 318-220-9067 · Fax 318-221-3296
LELAP CERTIFICATION # 02082

Client: RAINES & ASSOCIATES LLC
415 BRAEMAR RD.
SHREVEPORT, LA 71106

Report Date: 07/11/24
Sample ID: CONLY WATER WELL BYT2
Project Name: BRICKYARD TRUCKING SWD NO. 2
Location: CONLY WATER WELL
Collected By: CLIENT
Time/Date Collected: 1415 07/02/24
Date Received: 07/03/24

ANALYTICAL RESULTS

GSEL ID#: 129997

GENERAL CHEMISTRY

Sample Matrix: WATER

Analyte:	Result	Units	Qualifier	Reporting Limit	Dil. Factor	Method	Time/Date Analyzed	Analyst
TDS	68.0	mg/L		10.0		SM 2540 C-2011	1450 - 07/09/24	KS
CHLORIDE	3.30	mg/L		0.5	1	HACH 8225 8th Ed.	1410 - 07/09/24	MR
SPECIFIC GRAVITY	1.000					ASTM D1298-99 (2005)	1125 - 07/10/24	MR
TEMPERATURE	22.8	°C				SM 2550 B-2000	1125 - 07/10/24	MR
pH	7.37	SU				EPA 150.1	1038 - 07/03/24	MR

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

*The above results relate only to the items tested.
*Test reports meet all requirements of LAC 33:I
*This test report shall not be reproduced except in full, without the written approval of the laboratory.

Approval: Robert Hooter

STATE EXHIBIT NO. 1
DOCKET NO. ENV 2025-01
PAGE 598 OF 699 PAGES

U – Analyte not on current Scope of Accreditation
A - Analyte detected in the associated method blank
B - Estimated value between the detection limit and the reporting limit
C - Estimated value exceeds the calibration curve
D - Surrogate recovery outside advisable QC limits

TNTC - Too numerous to count
E - Surrogate recovery unreportable due to dilution
F - Matrix interference
G - Method specific criteria not met
H - Some of the QC was outside the normal range

Gulf States Environmental Laboratories
222 Spring St.
Shreveport, LA 71101

(318)220-9067 or (800)256-6110
(318)221-3296(FAX)
www.gulfstateslab.com

G.S.E.L.

Company: Raines & Associates LLC

Address: 415 Braemar Rd.
Shreveport, LA 71106

Attention: Bobby Raines
P.O. #:
Phone #: 318-218-7945
Cell
E-mail: bobbyrainesjr@gmail.com

G.S.E.L. #: 129997 Sampler: Raines Project Name: Brickyard Trucking SWD No. 2 Location: Conly Water Well

Sample	Grab Sample Date	Grab Sample Time	Composite Sample start Date end	Composite Sample start Time end	Matrix: Solid	Soil	Sludge	Liquid	Water	Preservative: HCL	HNO_3	H_2SO_4	Ice	NaOH/ASC	NaOH/ZnAc	Cont.: Plastic	Glass	Number of Containers	Requested Analysis: Cl	TDS	Specofic Gravity	Temperature	pH
Conly Water Well BYT2	7/2/24	1415							✓				✓			✓		1	✓	✓	✓	✓	✓

pH: ______ SU Flow: ______ GPD Res. Cl: ______ Temp.: ______

Remarks

Location of Conly water well on west side of LA-792

N 32° 22' 12.4392"

W 93° 12' 54.6408"

Relinquished By: [signature] Date: 7/3/2024 Time: 1024

Received By: ______ Date: ______ Time: ______

Relinquished/Received By: ______ Date: ______ Time: ______

Received By Laboratory: [signature] Date: 7-3-24 Time: 10:24

Page: ` of 1

Attachment 2E

Gulf States Environmental Laboratories

222 Spring Street; Shreveport, LA 71101 Phone: (318) 220-9067 Fax: (318) 221-3296
LELAP Certification No.: 02083

SAMPLE RECEIPT FORM

Client: Raines & Associates GSEL# 129997

Received By/Date and Time: CO 7-3-24 10:24

Sample Brought in By: Client ✓ GSEL ~~✓~~ CO Other _____

Temperature: 6.8 °C Thermometer ID: IR-3

Logged in By: [signature]

1. Shipping container/cooler arrive in good condition?	Yes ✓	No ___	Not Present ___
2. Was sufficient ice used? (*See **Note** below)	Yes ✓	No ___	Not Required ___
3. Were custody seals intact on sample bottles?	Yes ✓	No ___	Not Present ___
4. Were custody papers (Chain of Custody) with samples?	Yes ✓	No ___	
5. Were custody papers properly filled out?	Yes ✓	No ___	Not Present ___
6. Were custody papers signed by the client and the lab?	Yes ✓	No ___	
7. Were samples collected in containers provided by GSEL?	Yes ✓	No ___	
8. Did all sample containers arrive in good condition?	Yes ✓	No ___	
9. Were all container labels complete?	Yes ✓	No ___	
10. Did all container labels agree with custody papers?	Yes ✓	No ___	
11. Was sufficient sample sent for requested analysis?	Yes ✓	No ___	
12. Were all samples received within holding times?	Yes ✓	No ___	
13. Do VOA vials have zero headspace?	Yes ___	No ___	None Received ✓
14. Was preservation checked upon receipt?	Yes ✓	No ___	Initials CO
*VOA preservation checked after sample analysis.			
*Oil and Grease and TOC checked during sample analysis.			
15. Was the correct preservative used?	Yes ✓	No ___	

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SEP 19 2024

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Issues/Discrepancies:

Person contacted about Issues/Discrepancies:

Instructions:

STATE EXHIBIT NO. 1
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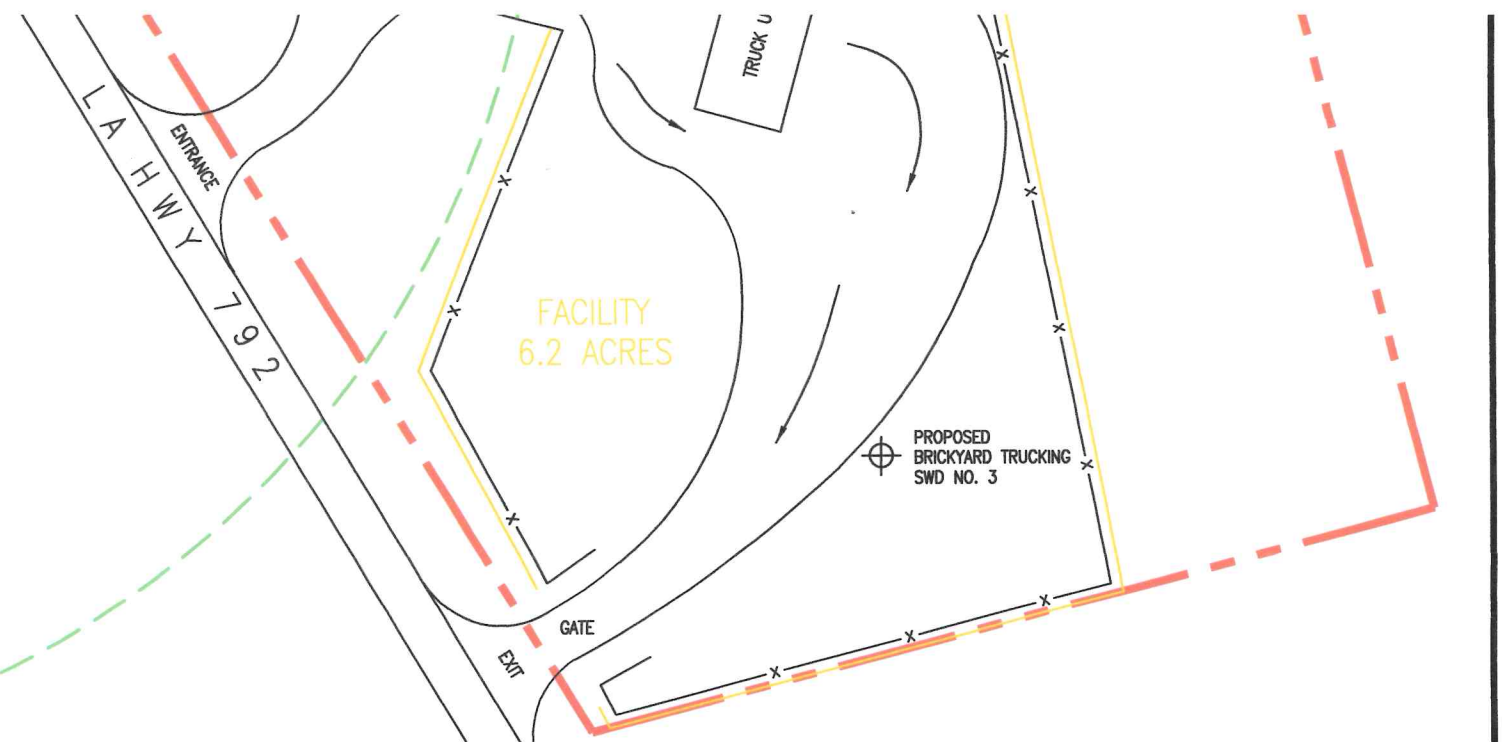
***Note:** In accordance with 40CFR Title 33:1 and TNI Standards samples that are delivered to the laboratory on the same day as collection may not meet the requirements of the temperature being at or below 6°C. In these cases, the samples shall be considered acceptable if the samples were received on ice and the cooling process has begun.



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DOCKET NO. ادمينستريتيف
PAGE 6of1 OF 6PAGES

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SEP 19 2024
INJECTION AND MINING DIVISION

0 50'–0" 100'–0" 200'–0"
0 1/2" 1" 2"

LEGEND

PROPERTY BOUNDARY	CP	CENTRIFUGAL PUMP	SW	SALTWATER
PERMITTED BOUNDARY	TP	TRIPLEX PUMP	DS	DE SANDER
6' CHAIN LINK FENCE		CONCRETE	GB	GUN BARREL
UNDERGROUND FLOWLINE		BUILDING	TK	TANK
DRAINAGE DIRECTION		LEL MONITOR		

TITLE

Raines & Associates, LLC

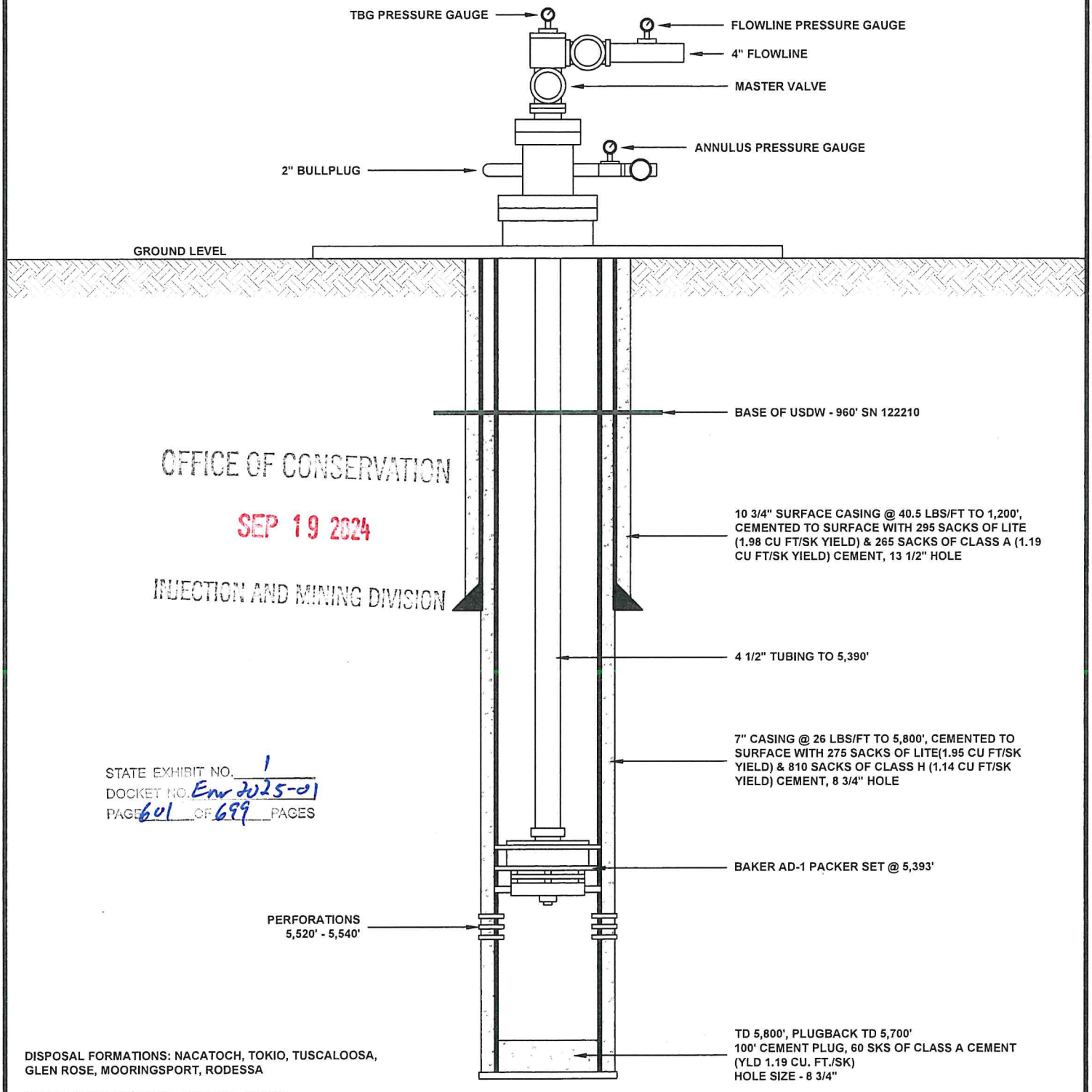
ATTACHMENT 3
FACILITY DIAGRAM

PROJECT NO.	SCALE
SA08539	AS SHOWN
PAGE	DRAWN BY
1	JKW
SHEET	DATE
C – 17" X 22"	05/20/24

LOCATION

BRICKYARD TRUCKING, LLC. (B1119)
PROPOSED COMMERCIAL SWD FACILITY
SECTION 17 T16N R8W
JAMESTOWN FIELD
BIENVILLE PARISH, LOUISIANA

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 002
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT, RODESSA

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

BOTTOM OF INJECTIONS ZONE: 5,620' (SN - 122210)

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 002.dwg

PROJECT NO.	SCALE	LOCATION	TITLE
SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 002 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 002 PROPOSED WELL SCHEMATIC DIAGRAM
PAGE	DRAWN BY		
1	JKW		
SHEET	DATE		
A - 8.5 X 11	03/12/24		

Raines & Associates, LLC

COPY

45568

OFFICE OF CONSERVATION

FEB 04 2025

INJECTION AND MINING DIVISION

Brickyard Trucking, LLC (B1119)
Brickyard Trucking SWD NO. 002, New Well
Section 17, Township 16 North, Range 8 West
Jamestown Field (4738)
Bienville Parish, Louisiana

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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WORK PROGNOSIS

1. Notify Louisiana Department of Natural Resources prior to spud and 24 hours prior to cementing all casing strings.

2. Install location sign - make sure sign is in compliance with Louisiana Department of Natural Resources regulations and denotes the well to be an SWD.

3. Move in rig and equipment and rig up.

4. RIH with 13 1/2 in. bit drilling to 1200 ft. Circulate and condition hole.

5. Run 10 3/4 in. surface casing, 40.5 lbs/ft. to 1200 ft. and cement to surface with 295 sacks Lite (Yld 1.98 cu.ft./Sack, (100% excess)) and 265 sacks of Class A (Yld 1.19 cu.ft./Sack (100% excess)). WOC 12 hrs. Pressure test casing to a minimum of 1000 psi with not more than 5% loss in pressure in a 30-minute time period to determine casing integrity. Complete and sign Form CSG-T, submit originals upon completion of well (IMD requires the original).

6. Install and Test BOP according to Injection and Mining regulations; LAC 43:XIX.111.A & LAC 43:XIX.111.C.

7. RIH with 8 3/4 in. bit drilling to 5800 ft. Circulate and condition hole. R/U Wireline and run open hole w/triple combo log (GR/SP/RES) from TD through Surface Casing Shoe. Shoot Percussion Sidewall Cores in Proposed Injection Intervals (Optional).

8. Run 7 in. longstring casing, 26 lbs/ft. to 5800 ft. and cement to surface with 275 sacks 60:40 Lite cement (Yld 1.95 cu.ft./Sack) and 810 sacks Premium Class H cement (Yld 1.14 cu.ft./Sack (35% excess)). Spot 100' cement in 7" casing, 60 sacks of Class A cement, (Yld 1.19 cu.ft./Sack), PBTD-5700'. WOC 12 hrs. Pressure test casing to a minimum of 1000 psi with not more than 5% loss in pressure in a 30-minute time period to determine casing integrity. Complete and sign Form CSG-T, submit originals upon completion of well (IMD requires the original).

9. Run CBL/VDL/GR from total depth to surface casing. Evaluate cement bond log for possible squeezes. The log must show a minimum of 11 continuous feet of not less than 60% bonded cement (less than 7.5 millivolts) set across from the first isolating shale immediately above the top of the proposed injection zone and must show evidence of cement below the bottom of the injection zone. The CBL will be submitted to Injection and Mining, Engineering Department prior to perforating and setting the packer in the well to verify adequate cement isolation. If no additional cementing work is required, proceed with constructing the well. If additional cement work is required, perforate and squeeze as required by Injection and Mining Division and re-run

Gulf States Environmental Laboratories

222 Spring St. Shreveport, La. 71101 · 800-256-6110 · 318-220-9067 · Fax 318-221-3296
LELAP CERTIFICATION # 02082

Client: RAINES & ASSOCIATES LLC
415 BRAEMAR RD.
SHREVEPORT, LA 71106

Report Date:	07/11/24
Sample ID:	SN 252606 BYT 2
Project Name:	BRICKYARD TRUCKING SWD NO. 2
Location:	SN 252606 BYT2
Collected By:	CLIENT
Time/Date Collected:	1310 07/02/24
Date Received:	07/03/24

ANALYTICAL RESULTS

GSEL ID#: 129994

GENERAL CHEMISTRY

Sample Matrix: WATER

Analyte:	Result	Units	Qualifier	Reporting Limit	Dil. Factor	Method	Time/Date Analyzed	Analyst
TDS	140,756	mg/L		10.0		SM 2540 C-2011	1450 - 07/09/24	KS
CHLORIDE	78,150	mg/L		500	100	HACH 8225 8th Ed.	1012 - 07/09/24	MR
SPECIFIC GRAVITY	1.100					ASTM D1298-99 (2005)	1125 - 07/10/24	MR
TEMPERATURE	22.8	°C				SM 2550 B-2000	1125 - 07/10/24	MR
pH	5.59	SU				EPA 150.1	1032 - 07/03/24	MR

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
PAGE 603 OF 699 PAGES

*The above results relate only to the items tested.
*Test reports meet all requirements of LAC 33:I
*This test report shall not be reproduced except in full, without the written approval of the laboratory.

Approval: Robert Martin

U – Analyte not on current Scope of Accreditation
A - Analyte detected in the associated method blank
B - Estimated value between the detection limit and the reporting limit
C - Estimated value exceeds the calibration curve
D - Surrogate recovery outside advisable QC limits

TNTC - Too numerous to count
E - Surrogate recovery unreportable due to dilution
F - Matrix interference
G - Method specific criteria not met
H - Some of the QC was outside the normal range

Attachment No. 5
01

Gulf States Environmental Laboratories
222 Spring St.
Shreveport, LA 71101

(318)220-9067 or (800)256-6110
(318)221-3296(FAX)
www.gulfstateslab.com

G.S.E.L.

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
PAGE 604 OF 699 PAGES

Company: Raines & Associates LLC
Address 415 Braemar Rd.
Shreveport, LA 71106

Attention: Bobby Raines
P.O. #:
Phone #: 318-218-7945
Cell
E-mail: bobbyrainesjr@gmail.com

G.S.E.L. #: 129994 Sampler: Raines Project Name: Brickyard Trucking SWD No. 2 Location: SN 252606 BYT 2

Sample	Grab Sample Date	Grab Sample Time	Composite Sample start Date end		Composite Sample start Time end		Matrix: Solid	Soil	Sludge	Liquid	Water	Preservative: HCL	HNO_3	H_2SO_4	Ice	NaOH/ASC NaOH/ZnAc	Cont.: Plastic	Glass	Number of Containers	Requested Analysis: Cl	TDS	Specofic Gravity	Temperature	pH
SN 252606 BYT 2	7/2/24	1310									✓				✓		✓		1	✓	✓	✓	✓	✓

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

pH: ______ SU Flow: ______ GPD Res. Cl: ______ Temp.: ______

		Date	Time
Relinquished By:	[signature]	7/3/2024	1024
Received By:			
Relinquished/Received By:			
Received By Laboratory:	[signature]	7-3-24	10:24

Page: 1 of 1

Remarks

water sample collected from saltwater tank on Aethon - HARA Sellwood; Moore 16-21 HC-001 ALT "produced water" SN 252606

02

Attachment No. 5

Gulf States Environmental Laboratories

222 Spring Street; Shreveport, LA 71101 Phone: (318) 220-9067 Fax: (318) 221-3296
LELAP Certification No.: 02083

SAMPLE RECEIPT FORM

Client: Rawes & Associates GSEL# 129994

Received By/Date and Time: CD 7-3-24 10:24

Sample Brought in By: Client ✓ GSEL ____ Other ____

Temperature: 5.8 °C Thermometer ID: IR-3

Logged in By: [signature]

1. Shipping container/cooler arrive in good condition?	Yes ✓	No ____	Not Present ____
2. Was sufficient ice used? (*See **Note** below)	Yes ✓	No ____	Not Required ____
3. Were custody seals intact on sample bottles?	Yes ✓	No ____	Not Present ____
4. Were custody papers (Chain of Custody) with samples?	Yes ✓	No ____	
5. Were custody papers properly filled out?	Yes ✓	No ____	Not Present ____
6. Were custody papers signed by the client and the lab?	Yes ✓	No ____	
7. Were samples collected in containers provided by GSEL?	Yes ✓	No ____	
8. Did all sample containers arrive in good condition?	Yes ✓	No ____	
9. Were all container labels complete?	Yes ✓	No ____	
10. Did all container labels agree with custody papers?	Yes ✓	No ____	
11. Was sufficient sample sent for requested analysis?	Yes ✓	No ____	
12. Were all samples received within holding times?	Yes ✓	No ____	
13. Do VOA vials have zero headspace?	Yes ____	No ____	None Received ✓
14. Was preservation checked upon receipt?	Yes ✓	No ____	Initials CD
*VOA preservation checked after sample analysis.			
*Oil and Grease and TOC checked during sample analysis.			
15. Was the correct preservative used?	Yes ✓	No ____	

OFFICE OF CONSERVATION

Issues/Discrepancies:

SEP 19 2024

INJECTION AND MINING DIVISION

Person contacted about Issues/Discrepancies:

Instructions:

*Note: In accordance with 40CFR Title 33:1 and TNI Standards samples that are delivered to the laboratory on the same day as collection may not meet the requirements of the temperature being at or below 6°C. In these cases, the samples shall be considered acceptable if the samples were received on ice and the cooling process has begun.

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MASIP CALCULATION REQUEST

(Check the box next to the appropriate request and complete the requested information.)

☑ The applicant requests to calculate the Maximum Authorized Surface Injection Pressure (MASIP) **based on the fracture gradient of the injection formation**. As described in Intra-Office Policy Statement No. IMD 1999-03, the MASIP will be calculated not to exceed 90% of the calculated fracture pressure of the injection zone based on Eaton's Correlation of 9 ppg formation fluid. The following information has been provided:

- The specific gravity of the injection fluid is 1.10, as reported in Attachment 6 - Fluid Source Analyses.
- The top of the proposed perforations is 5520' feet, as given in Item No. 21 of the Form UIC-2 SWD application.
- An area of review of **one-quarter (¼) mile** (1,320 feet) has been conducted and all of the wells located within the radius have been identified in Attachment 2B. Each well in the AOR will be evaluated for deficiencies. If deficiencies exist, the well(s) will be properly plugged and abandoned or remediated using another approved corrective action to protect the USDW.

The signature provided at the bottom of this page certifies the applicant understands this requirement.

☐ The applicant requests to calculate the MASIP **based on the fracture gradient of the confining formation**. As described in Intra-Office Policy Statement No. IMD-GS-09, the MASIP will be calculated by limiting the pressure at the depth of injection to 75% the pressure needed to fracture the confining formation. The following information has been provided:

- The specific gravity of the injection fluid is, _____, as reported in the fluid source analyses (Attachment 6).
- The top of the proposed perforations, _____ feet, as given in Item No. 21 of the Form UIC-2 SWD application.
- The geomechanical data of the confining zone above the proposed injection zone ☐ has been or ☐ will be derived from one of the following methods:
  - ☐ Subsurface acquisition and testing of the confining beds,
  - ☐ Wireline logging to generate mechanical properties,
  - ☐ Leak-off testing of the confining beds using fluid with timed velocity, or
  - ☐ Other acceptable procedure: _____

  The results of the proposed procedure ☐ have been submitted as Attachment 7A, or ☐ will be submitted prior to issuance of a permit to inject for the proposed well.

- An area of review of **one-half (½) mile** (2,640 feet) has been conducted and all of the wells located within the radius have been identified in Attachment 2B. Each well in the AOR will be evaluated for deficiencies. If deficiencies exist, the well(s) will be properly plugged and abandoned or remediated using another approved corrective action to protect the USDW.
- The proposed top of the injection zone is approximately _____ feet from the base of the USDW. If the difference between the top of the proposed injection zone and the base of the USDW is less than 1,000 feet, then the MASIP will be based on a surface pressure gradient not to exceed 0.25 psi/ft, calculated with respect to the top of the proposed perforations or the top of the open-hole completion.
- The surface casing is set at least 100 feet below the base of the USDW.
- A groundwater monitoring plan has been submitted as Attachment 7B and includes all of the following provisions:
  - Installation of a monitoring well or wells that is screened or perforated at the base of the USDW.
  - Collection of fluid from the monitoring well or wells, which will be sampled by a third party and analyzed by a LDEQ, LELAP accredited laboratory on a quarterly basis for:
    - Chlorides
    - Total dissolved solids
    - BTEX
    - Specific gravity
    - Temperature
    - pH
  - Collection of a fluid level in the monitoring well or wells on a monthly basis.
  - Submission of a quarterly report, which includes all laboratory analytical data and fluid level measurements. The report will be submitted to the Injection and Mining Division within 30 days of the end of the quarter in which the sampling and measurements were performed. It is understood that failure to file reports or delinquent filings will result in enforcement actions.

The signature provided below certifies the applicant understands this requirement.

OPERATOR'S SIGNATURE _____ DATE 9/17/2024

Raines & Associates, LLC
415 Braemar Road
Shreveport, LA 71106
(318) 218-7945
bobbyrainesjr@gmail.com

BRICKYARD TRUCKING, LLC (B1119)

415 Texas Street, Suite 400
Shreveport, LA 71101
(318) 377-5755

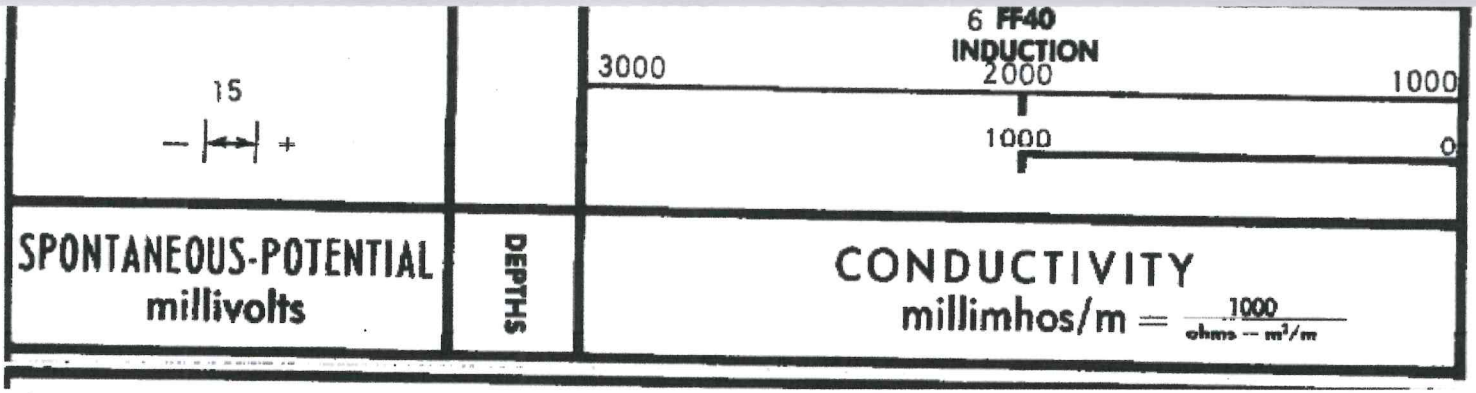
Proposed
Closure Plan
& Cost Estimate

For
BRICKYARD TRUCKING, LLC (B1119)

BRICKYARD TRUCKING, LLC SWD FACILITY
Section 17, T16N – R8W
Jamestown Field, Bienville Parish, Louisiana

By
Robert B. Raines, Jr.
Raines & Associates, LLC
August 2024

Attachment 9



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122210_SWD No. 002

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APPENDIX N – CLOSURE FUNDING

Closure plan and cost estimate {Section 519.C.14.(a)}

Brickyard Trucking, LLC will maintain a Surety Bond to be on file with the Office of Conservation to provide for adequate closure of the Brickyard Trucking, LLC Commercial SWD Wells and Facility.

Following is a description of the closure plan, cost estimate, and verification that these documents were provided by an independent professional consultant.

Draft documentation of closure funding {Section 519.C.14.(b)}

Following the closure plan, cost estimate, and verification is draft documentation of closure funding

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 001, NEW WELL
BIENVILLE PARISH, LOUISIANA

Plugging and Abandoning Procedure – Brickyard Trucking SWD NO. 001

1. Complete Form UIC-17 Injection Well Work Permit to Plug and Abandon (P & A) the Brickyard Trucking SWD No. 001, with attachments and fee, and submit to the Injection and Mining Division for approval.

2. Once Work Permit is approved, Contact Conservation Enforcement Specialist (CES) agent to witness plugging and abandoning procedure.

3. Move in workover rig and rig up. Install and Test Blowout Preventer (BOP). Record test.

4. Pressure test casing/tubing annulus. Bleed off pressure in both annulus and tubing. Use weighted fluid to kill well, if necessary.

5. Pull wellhead and surface equipment to remove injection string – (4 1/2" tubing). Release tension packer and pull 4 1/2" tubing and packer.

6. Run and set retainer with wireline unit at 6360'. Run 2 7/8 in. tubing and sting into retainer. Break down formation.

7. Squeeze perforations with 200 sacks of Class A cement or until locks up. Spot 200 ft. of cement on top of retainer (6360'-6160') with 40 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

8. Go in hole and tag cement. Pressure test to a minimum of 350 psi without more than 5% loss in pressure in a 30 min. period.

9. Pump 10#/gal mud on top of cement plug within wellbore.

10. Spot 600' cement plug from 1300'–700' with 110 sacks of Class A cement (Minimum of 100' inside and outside surface casing) 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

11. Go in hole and tag cement. Pressure test plug to a minimum of 350 psi without more than 5% loss in pressure within a 30 min. period.

12. Pump 10#/gal mud on top of cement plug in wellbore.

13. Spot 100' Class A cement plug from 105' – 5' with 20 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Run tremie pipe in surface casing (10 ¾") and long string casing (7") annulus and pump 50 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack down annulus.

14. Cut all casing 5' below ground surface. Weld ½" steel plate on each casing string. Weld serial number and P&A date on top of plate.

15. Cover steel plate with soil and remediate area, remove all equipment, and restore location.

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 002, NEW WELL
BIENVILLE PARISH, LOUISIANA

Plugging and Abandoning Procedure – Brickyard Trucking SWD NO. 002

1. Complete Form UIC-17 Injection Well Work Permit to Plug and Abandon (P & A) the Brickyard Trucking SWD No. 002, with attachments and fee, and submit to the Injection and Mining Division for approval.

2. Once Work Permit is approved, Contact Conservation Enforcement Specialist (CES) agent to witness plugging and abandoning procedure.

3. Move in workover rig and rig up. Install and Test Blowout Preventer (BOP). Record test.

4. Pressure test casing/tubing annulus. Bleed off pressure in both annulus and tubing. Use weighted fluid to kill well, if necessary.

5. Pull wellhead and surface equipment to remove injection string – (4 1/2" tubing). Release tension packer and pull 4 1/2" tubing and packer.

6. Run in hole and set retainer with wireline unit at 5480'. Run 2 7/8 in. tubing and sting into retainer. Break down formation.

7. Squeeze perforations with 200 sacks of Class A cement or until locks up. Spot 200 ft. of cement on top of retainer (5480'-5280') with 40 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

8. Go in hole and tag cement. Pressure test to a minimum of 350 psi without more than 5% loss in pressure in a 30 min. period.

9. Pump 10#/gal mud on top of cement plug within wellbore.

10. Spot 600' cement plug from 1300'–700' with 110 sacks of Class A cement (Minimum of 100' inside and outside surface casing) 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

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11. Go in hole and tag cement. Pressure test plug to a minimum of 350 psi without more than 5% loss in pressure within a 30 min. period.

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12. Pump 10#/gal mud on top of cement plug in wellbore.

INJECTION AND MINING DIVISION

13. Spot 100' Class A cement plug from 105' - 5' with 20 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Run tremie pipe in surface casing (10 ¾") and long string casing (7") annulus and pump 50 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack down annulus.

14. Cut all casing strings 5' below ground surface. Weld ½" steel plate on each casing string. Weld serial number and P&A date on top of plate.

15. Cover steel plate with soil and remediate area, remove all equipment, and restore location.

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BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 003, NEW WELL
BIENVILLE PARISH, LOUISIANA

Plugging and Abandoning Procedure – Brickyard Trucking SWD NO. 003

1. Complete Form UIC-17 Injection Well Work Permit to Plug and Abandon (P & A) the Brickyard Trucking SWD No. 003, with attachments and fee, and submit to the Injection and Mining Division for approval.

2. Once Work Permit is approved, Contact Conservation Enforcement Specialist (CES) agent to witness plugging and abandoning procedure.

3. Move in workover rig and rig up. Install and Test Blowout Preventer (BOP). Record test.

4. Pressure test casing/tubing annulus. Bleed off pressure in both annulus and tubing. Use weighted fluid to kill well if necessary.

5. Pull wellhead and surface equipment to remove injection string – (4 1/2" tubing). Release tension packer and pull 4 1/2" tubing and packer.

6. Run in hole and set retainer with wireline unit at 4200'. Run 2 7/8 in. tubing and sting into retainer. Break down formation.

7. Squeeze perforations with 200 sacks of Class A cement or until locks up. Spot 200 ft. of cement on top of retainer (4200'-4000') with 40 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

8. Go in hole and tag cement. Pressure test to a minimum of 350 psi without more than 5% loss in pressure in a 30 min. period.

9. Pump 10#/gal mud on top of cement plug within wellbore.

10. Spot 600' cement plug from 1300'–700' with 110 sacks of Class A cement (Minimum of 100' inside and outside surface casing) 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

11. Go in hole and tag cement. Pressure test plug to a minimum of 350 psi without more than 5% loss in pressure within a 30 min. period.

12. Pump 10#/gal mud on top of cement plug in wellbore.

13. Spot 100' Class A cement plug from 105' – 5' with 20 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Run tremie pipe in surface casing (10 ¾") and long string casing (7") annulus and pump 50 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack down annulus.

14. Cut all casing strings 5' below ground surface. Weld ½" steel plate on each casing string. Weld serial number and P&A date on top of plate.

15. Cover steel plate with soil and remediate area, remove all equipment, and restore location.

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 001
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Plug and Abandon – Brickyard Trucking SWD No. 001

1.	Mobilization of Equipment	$4,500.00
2.	Workover Rig, Equipment and Expenses (7 days at $4,000.00/day)	$28,000.00
3.	Supervisor (7 days at $1,400.00 per day)	$9,800.00
4.	Wireline services	$9,500.00
5.	Cementing Equipment and Services	$35,000.00
6.	Weighted mud between plugs	$5,500.00
7.	Vacuum truck services (4 days at $900.00 per day)	$3,600.00
8.	Backhoe	$850.00
9.	Welder	$800.00
Estimated Total to Plug and Abandon		**$97,550.00**

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BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 002
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Plug and Abandon – Brickyard Trucking SWD No. 002

1.	Mobilization of Equipment	$1,500.00
2.	Workover Rig, Equipment and Expenses (5 days at $4,000.00/day)	$20,000.00
3.	Supervisor (5 days at $1,400.00 per day)	$7,000.00
4.	Wireline services	$8,500.00
5.	Cementing Equipment and Services	$33,000.00
6.	Weighted mud between plugs	$5,500.00
7.	Vacuum truck services (3 days at $900.00 per day)	$2,700.00
8.	Backhoe	$850.00
9.	Welder	$800.00
Estimated Total to Plug and Abandon		**$79,850.00**

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 003
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Plug and Abandon – Brickyard Trucking SWD No. 003

1.	Mobilization of Equipment	$1,500.00
2.	Workover Rig, Equipment and Expenses (4 days at $4,000.00/day)	$16,000.00
3.	Supervisor (4 days at $1,400.00 per day)	$5,600.00
4.	Wireline services	$7,500.00
5.	Cementing Equipment and Services	$31,000.00
6.	Weighted mud between plugs	$4,500.00
7.	Vacuum truck services (3 days at $900.00 per day)	$2,700.00
8.	Backhoe	$850.00
9.	Welder	$800.00
Estimated Total to Plug and Abandon		**$70,450.00**

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NOS. 001, 002 and 003 - NEW WELLS
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Abandon Brickyard Trucking- Tank Battery & Facility

1. Two (2) vacuum trucks to clean tanks (7 days at $1,800.00 per day) $12,600.00
2. Labor to clean tanks (7 days at $1,200.00 per day) $8,400.00
3. Disposal of 5,000 barrels of saltwater at $1.25 per barrel $6,250.00
4. Disposal of approximately 600 barrels of solids, tank bottoms at $25.00 per barrel $15,000.00
5. Transportation for disposal of solids $3,000.00
6. Dismantling and disposal of tanks and equipment $6,300.00
7. Demolition of concrete, retaining walls, and other materials related to site cleanup $125,000.00
8. Demolition and disposal or recycling of facility piping $5,880.00
9. Removal of lab and trailer $4,000.00
10. Backfill and level site and plant grass $5,200.00
11. Miscellaneous expenses $6,000.00

Estimated Total of Closure of Tank Battery & Facility $197,630.00

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INJECTION AND MINING DIVISION

BRICKYARD TRUCKING, LLC
COMMERCIAL FACILITY CLOSURE COSTS
SECTION 17 – T16N – R8W
BIENVILLE PARISH, LOUISIANA

Summary Cost of Plugging and Abandoning Brickyard Trucking SWD Nos. 001, 002, 003 and Closure of Tank Battery & Facility

1. Estimated Total to Plug and Abandon Brickyard Trucking SWD No. 001 ..... $97,550.00
2. Estimated Total to Plug and Abandon Brickyard Trucking SWD No. 002 ..... $79,850.00
3. Estimated Total to Plug and Abandon Brickyard Trucking SWD No. 003 ..... $70,450.00
4. Estimated Total of Closure of Tank Battery & Facility $197,630.00
5. Supervision (15% of TB Facility Total) $29,644.50
6. Contingency (10%) $47,512.45

Total Estimated Cost to Plug and Abandon Well, Close Site and Remove Surface Equipment $522,636.95

If the site is approved, once in operation, the closure cost will be updated every year in accordance with LAC 43: XIX.513.C

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INJECTION AND MINING DIVISION

AFFIDAVIT OF INDEPENDENT PROFESSIONAL CONSULTANT

STATE OF LOUISIANA

PARISH OF CADDO

Robert B. Raines, Jr., being duly sworn, deposes and says:

I am a Member and a Professional Geologist for Raines & Associates, LLC, a Louisiana Limited Liability Company; and

This affidavit is being executed for the purpose of notifying the Louisiana Department of Energy Natural Resources certifying that the closure plan and cost estimate included within this application were provided by Raines & Associates, LLC, an independent professional consultant.

Robert B. Raines, Jr., Member

Sworn to before me this 17th day of September, 2024.

Tana Gros Walsh
Notary Public

Tana Gros Walsh
DeSoto Parish, Louisiana
Notary Public
Commission No. 66595
My Commission Expires At Death

Notary # _____

Notary Public in and for DeSoto Parish, Louisiana.

My commission expires At Death.

Address of agent signing this Affidavit:

Robert B. Raines, Jr., PG
Raines & Associates, LLC
415 Braemar Road
Shreveport, LA 71106

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OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

Upon completion of the application process, the commissioner will set the amount of the required bond or irrevocable letter of credit in accordance with LAC 43: XIX.519.C.14b. The applicant will obtain the required bond or irrevocable letter of credit in that amount set by the commissioner. A draft irrevocable letter of credit and Surety Bond are attached.

DRAFT IRREVOCABLE LETTER OF CREDIT

Dear Sirs:

We hereby establish our Irrevocable Letter of Credit No. _____ in your favor, at the request and for the account of **Brickyard Trucking, LLC** up to the aggregate amount of (amount) available upon presentation by the Commissioner of Conservation, Office of Conservation, Department of Energy and Natural Resources, State of Louisiana on:

1. your sight draft, bearing reference to this letter of Credit No. _____; and

2. your signed statement reading as follows: "I certify that the amount of the draft is payable pursuant to regulation issued in accordance with the requirements of Louisiana R.S.30:1 et seq."

This letter of credit is effective as of _____, *20__*, and must be renewable on October 1, _20_____, and on each successive expiration date, unless at 120 days before the current expiration date, we notify both you and **Brickyard Trucking, LLC**. Documentation that the required closure bond or letter of credit has been renewed must be received by September 15th of each year, unless at least 120 days before the current expiration date, we notify both you and **Brickyard Trucking, LLC** by certified mail that we have decided not to extend this letter of credit beyond the current expiration date. In the event you are so notified, any unused portion of the credit shall be available upon presentation of your sight draft for 120 days after the date of receipt by both you and **Brickyard Trucking, LLC** as shown on the signed return receipts.

This letter is subject to the Uniform Customs and Practice for Documentary Credits (2007 Revision) fixed by the International Chamber of Commerce Brochure No. 600 ("UCP 600").

We hereby agree with you and negotiating banks or bankers that drafts drawn under and in compliance with the terms of this credit shall be duly honored on due presentation to the drawee.

NAME OF BANK

By: 1) _____ 2) _____
NAME, TITLE NAME, TITLE

SIGNATURE: _____ SIGNATURE: _____

OFFICE OF CONSERVATION

DATE: _____ DATE: _____

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(Note: Beneficiary is Office of Conservation, Department of Energy and Natural Resources, State of Louisiana.)

INJECTION AND MINING DIVISION

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STATE OF LOUISIANA
PARISH OF EAST BATON ROUGE

DRAFT SURETY BOND

FROM: BRICKYARD TRUCKING, LLC
AND
SURETY

TO: OFFICE OF CONSERVATION
DEPARTMENT OF ENERGY AND NATURAL RESOURCES
STATE OF LOUISIANA

THIS SURETY BOND is given by Brickyard Trucking, LLC, principal, and [surety name], Surety, to Office of Conservation, Department of Energy and Natural Resources, State of Louisiana, P.O. Box 94275, 70804 - 9275, pursuant to the following terms and conditions:

Principal and surety are bound to creditor in the sum of $[TBD] Dollars, for the payment of which principal and surety jointly and severally bind themselves, their successors, and assigns.

Principal has applied to Creditor to receive a permit or has in effect a permit issued by Creditor to operate a commercial facility, Site Code TBD, for the receipt, storage, treatment and/or disposal of exploration and production waste in BIENVILLE Parish, Louisiana pursuant to the provisions of LSA-R.S. 30:4(I)(10), and LAC43: XIX. Subpart 1. Chapter 5, Sections 513 and 567. Principal is required to provide bonding to ensure the adequate closure of such facility and this bond is issued for said purpose.

This obligation shall run continuously and shall remain in full force and effect until and unless the bond is canceled as provided herein or as otherwise provided by law.

Surety may cancel the bond only by sending notice of cancellation by certified mail to both Principal and Creditor. Cancellation cannot occur or be effective until 120 days after the date of receipt of notice of cancellation by both Principal and Creditor. Further, such notice of cancellation or cancellation shall not affect this surety bond in respect to any obligation which may have arisen prior thereto.

Surety shall become liable on this bond obligation, if and when Principal fails to perform his obligation to adequately close the facility as determined by Creditor after notice and in accordance with administrative procedures.

Following such determinations, Creditors shall draw on the surety bond by requesting payment by certified mail, and Surety shall pay the amount thereof within 30 days of receipt of said demand. If payment is not made within said 30 days period Surety shall also be liable for legal interest from date of receipt of demand, 10% of principal and interest as attorney's fees and all court cost incurred to collect the obligation.

The amount of the bond liability is as expressed herein, but Principal and Surety take notice of the legal requirements for annual review of the closure bond amounts, which is based upon cost estimates for adequate closure. Following this review Creditor may increase, decrease, or allow the amount to remain the same. Upon notice from Creditor, if an increase is required, Principal shall cause the bond amount to be increased or shall otherwise provide the added security within 60 days after notice.

I WITNESS WHEREOF, the principal and Surety have executed this surety bond at _____ on this _____ day of _____, 20____.

_____ _____
WITNESS PRINCIPAL

_____
WITNESS

_____ _____
WITNESS SURETY

_____
WITNESS

Approved, accepted and executed by Creditor at Baton Rouge, Louisiana this _____ day of _____, 20____.

_____ OFFICE OF CONSERVATION
WITNESS

_____ By: _____
WITNESS Commissioner of Conservation

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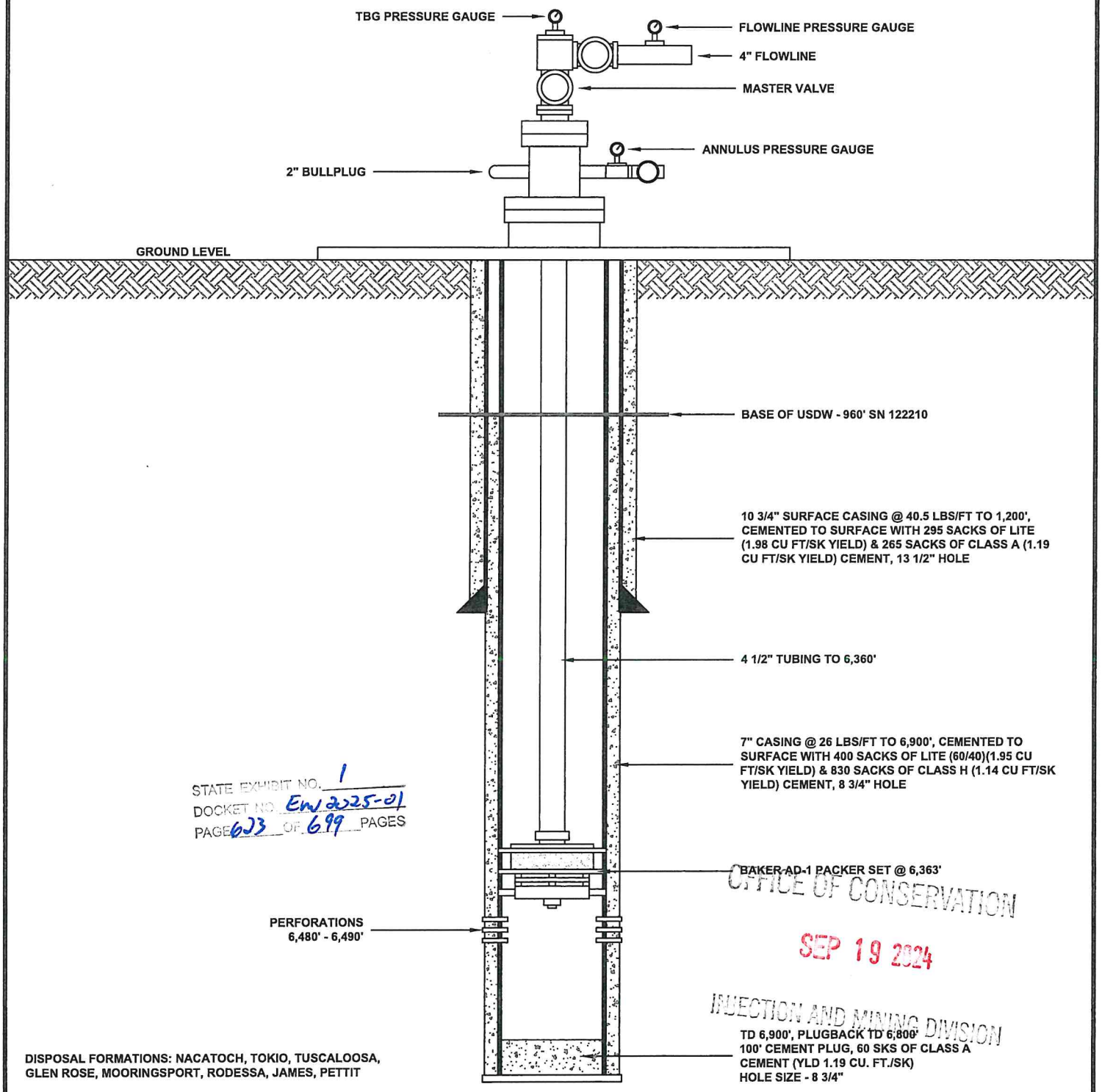
SEP 19 2024
INJECTION AND MINING DIVISION

THIS DOCUMENT IS A DRAFT SURETY BOND

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 001
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT, RODESSA, JAMES, PETTIT

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

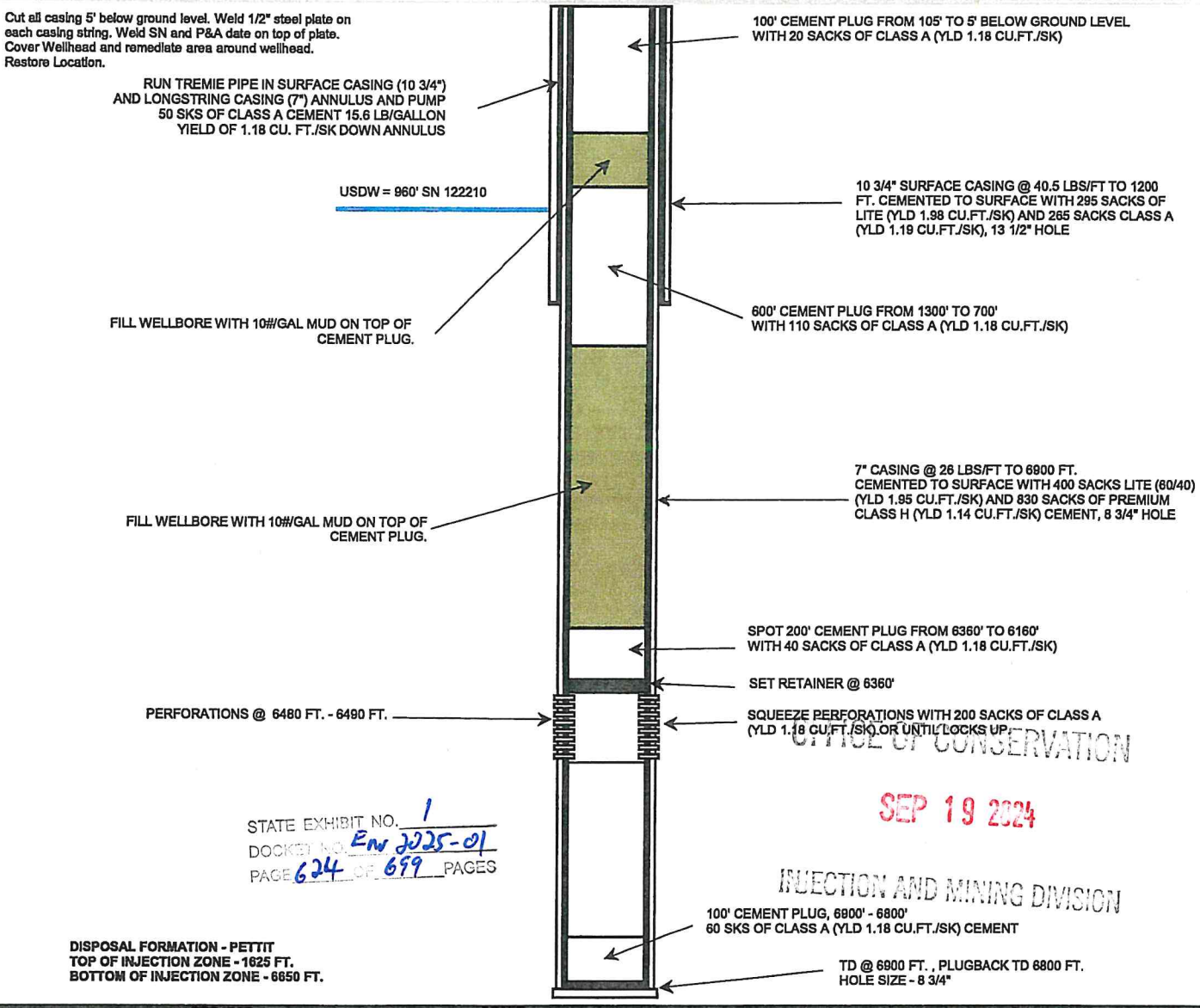
BOTTOM OF INJECTIONS ZONE: 6,650' (SN - 122210)

Attachment No. 9

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 001.dwg

Raines & Associates, LLC	PROJECT NO.	SCALE	LOCATION	TITLE
	SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 001 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 001 PROPOSED WELL SCHEMATIC DIAGRAM
	PAGE	DRAWN BY		
	1	JKW		
	SHEET	DATE		
	A - 8.5 X 11	03/12/24		

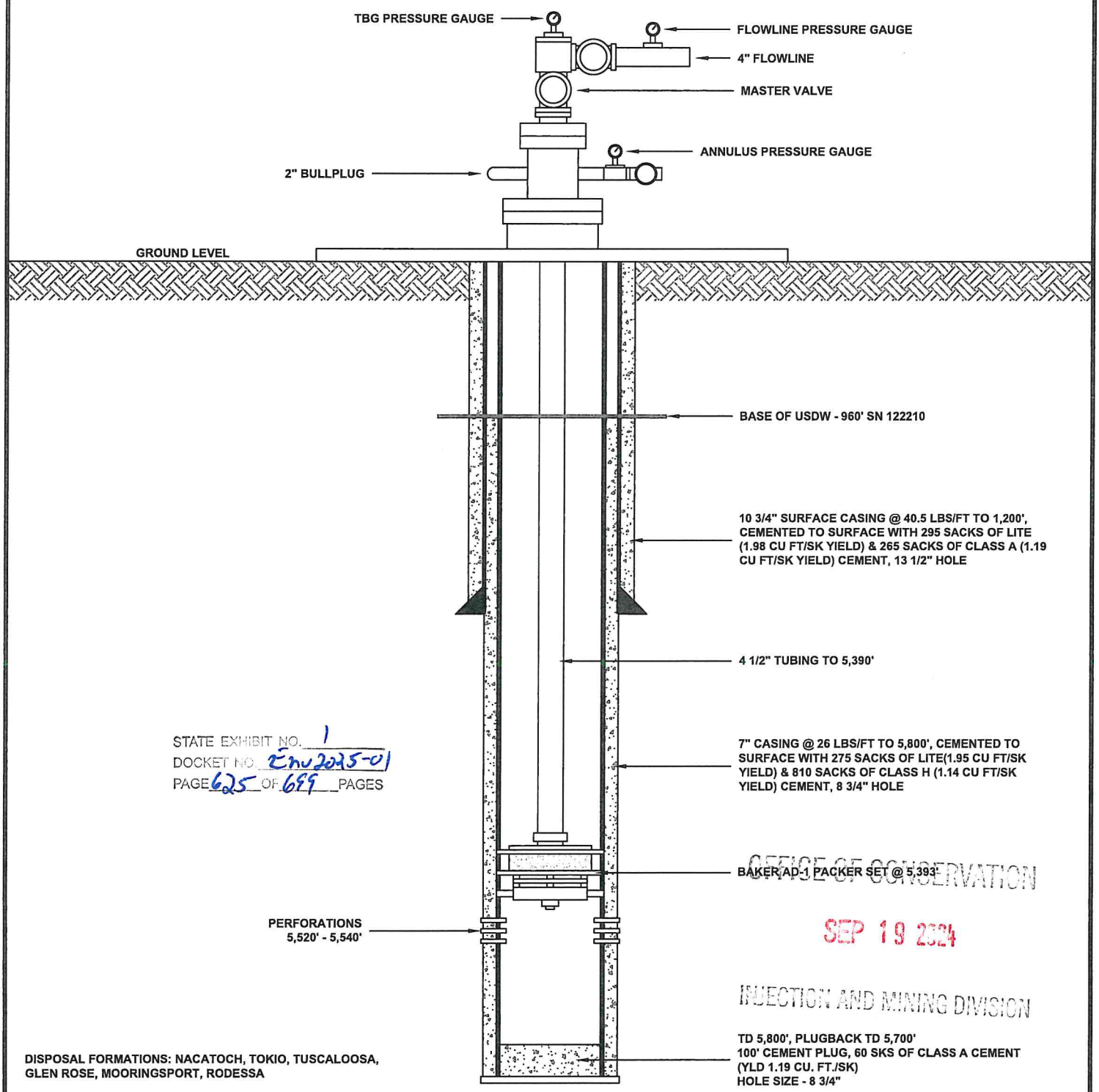
BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 001
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



DISPOSAL FORMATION - PETTIT
TOP OF INJECTION ZONE - 1625 FT.
BOTTOM OF INJECTION ZONE - 6650 FT.

Raines & Associates, LLC.	PROJECT: SA06539	SCALE: NTS	BRICKYARD TRUCKING LLC (B1119) BRICKYARD TRUCKING SWD NO. 001 (PROPOSED) SECTION 17 TOWNSHIP 16 NORTH RANGE 8 WEST JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	APPENDIX N BRICKYARD TRUCKING SWD NO. 001 PROPOSED P&A SCHEMATIC DIAGRAM ATTACHMENT 9
	PAGE: 1	DRAWN BY: JKW		
	SHEET: A	DATE: 08/08/24		

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 002
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



STATE EXHIBIT NO. 1
DOCKET NO. Enu2025-01
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OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT, RODESSA

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

BOTTOM OF INJECTIONS ZONE: 5,620' (SN - 122210)

Attachment No. 9

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 002.dwg

Raines & Associates, LLC	PROJECT NO.	SCALE	LOCATION	TITLE
	SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 002 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 002 PROPOSED WELL SCHEMATIC DIAGRAM
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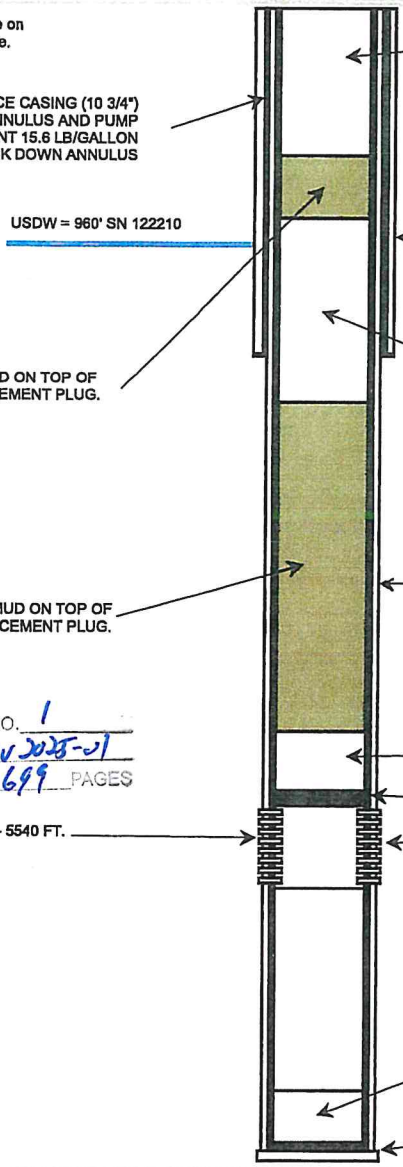
	SHEET	DATE		
	A - 8.5 X 11	03/12/24		

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 002
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA

GROUND LEVEL

Cut all casing 5' below ground level. Weld 1/2" steel plate on each casing string. Weld SN and P&A date on top of plate. Cover Wellhead and remediate area around wellhead. Restore Location.



100' CEMENT PLUG FROM 105' TO 5' BELOW GROUND LEVEL WITH 20 SACKS OF CLASS A (YLD 1.18 CU.FT./SK)

RUN TREMIE PIPE IN SURFACE CASING (10 3/4") AND LONGSTRING CASING (7") ANNULUS AND PUMP 50 SKS OF CLASS A CEMENT 15.6 LB/GALLON YIELD OF 1.18 CU. FT./SK DOWN ANNULUS

USDW = 960' SN 122210

10 3/4" SURFACE CASING @ 40.5 LBS/FT TO 1200 FT. CEMENTED TO SURFACE WITH 295 SACKS OF LITE (YLD 1.98 CU.FT./SK) AND 265 SACKS CLASS A (YLD 1.18 CU.FT./SK), 13 1/2" HOLE

FILL WELLBORE WITH 10#/GAL MUD ON TOP OF CEMENT PLUG.

600' CEMENT PLUG FROM 1300' TO 700' WITH 110 SACKS OF CLASS A (YLD 1.18 CU.FT./SK)

7" CASING @ 26 LBS/FT TO 5800 FT. CEMENTED TO SURFACE WITH 275 SACKS LITE (60/40) (YLD 1.95 CU.FT./SK) AND 810 SACKS OF PREMIUM CLASS H (YLD 1.14 CU.FT./SK 35% EXCESS) CEMENT, 8 3/4" HOLE

FILL WELLBORE WITH 10#/GAL MUD ON TOP OF CEMENT PLUG.

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SPOT 200' CEMENT PLUG FROM 5480' TO 5280' WITH 40 SACKS OF CLASS A (YLD 1.18 CU.FT./SK)

SET RETAINER @ 5480'

PERFORATIONS @ 5520 FT. - 5540 FT.

SQUEEZE PERFORATIONS WITH 200 SACKS OF CLASS A (YLD 1.18 CU.FT./SK) OR UNTIL LOCKS UP.

RECEIVED
OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

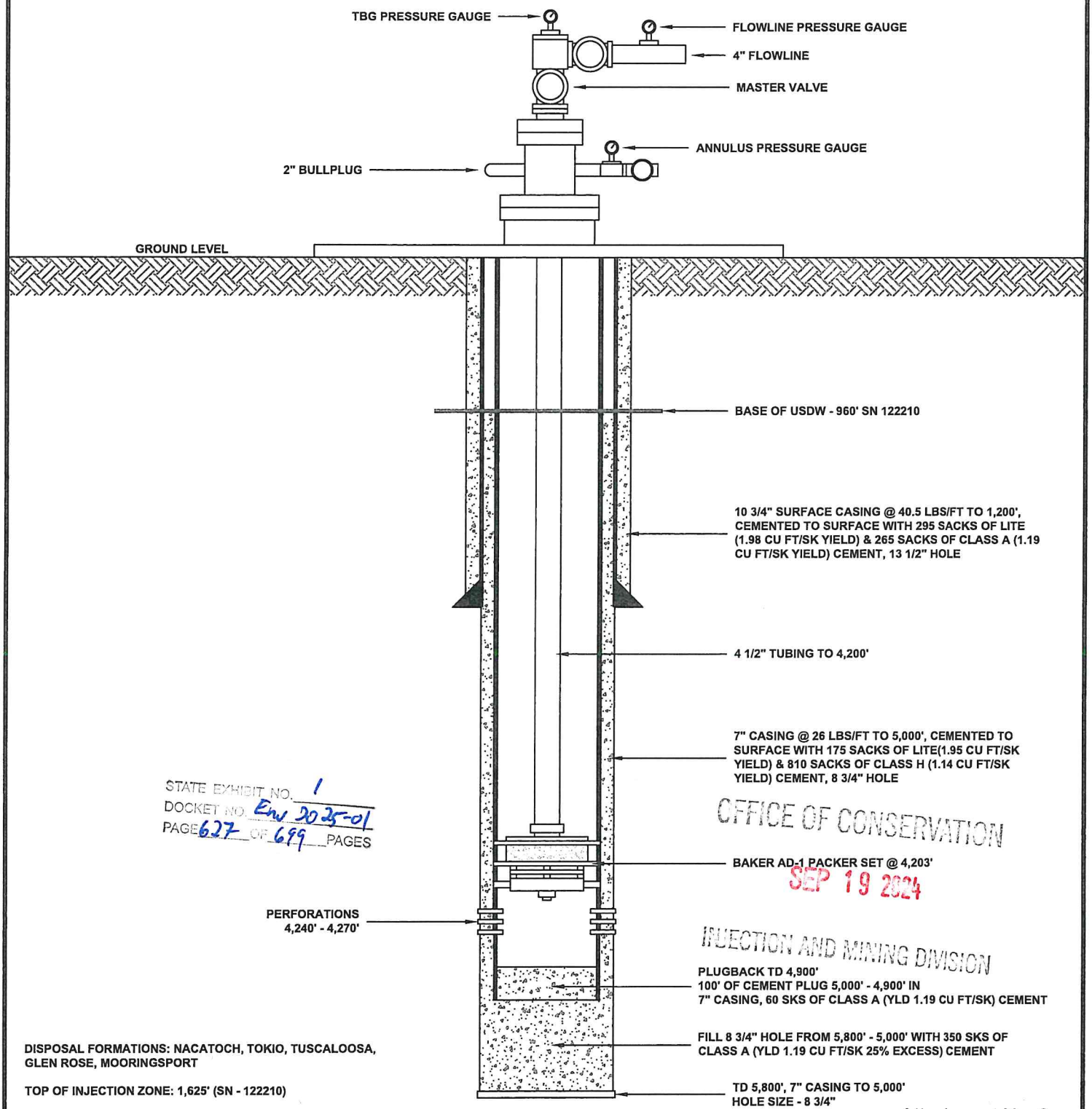
100' CEMENT PLUG, 5800' - 5700'
60 SKS OF CLASS A (YLD 1.18 CU.FT./SK) CEMENT

TD @ 5800 FT. , PLUGBACK TD 5700 FT.
HOLE SIZE - 8 3/4"

DISPOSAL FORMATION - RODESSA
TOP OF INJECTION ZONE - 1625 FT.
BOTTOM OF INJECTION ZONE - 5820 FT.

Raines & Associates, LLC.	PROJECT: SA03530	SCALE: NTS	BRICKYARD TRUCKING LLC (B1119) BRICKYARD TRUCKING SWD NO. 002 (PROPOSED) SECTION 17 TOWNSHIP 16 NORTH RANGE 8 WEST JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	APPENDIX N BRICKYARD TRUCKING SWD NO. 002 PROPOSED P&A SCHEMATIC DIAGRAM ATTACHMENT 9
	PAGE: 1	DRAWN BY: JKW		
	SHEET: A	DATE: 08/08/24		

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 003
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

BOTTOM OF INJECTIONS ZONE: 4,522' (SN - 122210)

Attachment No. 9

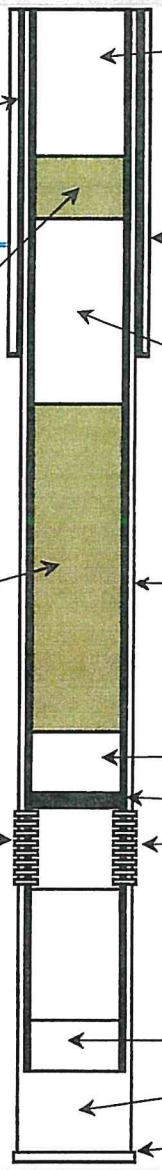
L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 003.dwg

Raines & Associates, LLC	PROJECT NO.	SCALE	LOCATION	TITLE
	SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 003 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 003 PROPOSED WELL SCHEMATIC DIAGRAM
	PAGE	DRAWN BY		
	1	JKW		
	SHEET	DATE		
	A - 8.5 X 11	03/12/24		

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 003
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA

GROUND LEVEL

Cut all casing 5' below ground level. Weld 1/2" steel plate on each casing string. Weld SN and P&A date on top of plate. Cover Wellhead and remediate area around wellhead. Restore Location.



RUN TREMIE PIPE IN SURFACE CASING (10 3/4") AND LONGSTRING CASING (7") ANNULUS AND PUMP 50 SKS OF CLASS A CEMENT 15.6 LB/GALLON YIELD OF 1.18 CU. FT./SK DOWN ANNULUS

USDW = 960' SN 122210

FILL WELLBORE WITH 10#/GAL MUD ON TOP OF CEMENT PLUG.

FILL WELLBORE WITH 10#/GAL MUD ON TOP OF CEMENT PLUG.

PERFORATIONS @ 4240 FT. - 4270 FT.

100' CEMENT PLUG FROM 105' TO 5' BELOW GROUND LEVEL WITH 20 SACKS OF CLASS A (YLD 1.18 CU.FT./SK)

10 3/4" SURFACE CASING @ 40.5 LBS/FT TO 1200 FT. CEMENTED TO SURFACE WITH 295 SACKS OF LITE (YLD 1.98 CU.FT./SK) AND 265 SACKS OF CLASS A (YLD 1.19 CU.FT./SK), 13 1/2" HOLE

600' CEMENT PLUG FROM 1300' TO 700' WITH 110 SACKS OF CLASS A (YLD 1.18 CU.FT./SK)

7" CASING @ 26 LBS/FT TO 5000 FT. CEMENTED TO SURFACE WITH 175 SACKS LITE (60/40) (YLD 1.95 CU.FT./SK) AND 810 SACKS OF PREMIUM CLASS H (YLD 1.14 CU.FT./SK) CEMENT, 8 3/4" HOLE

SPOT 200' CEMENT PLUG FROM 4200' TO 4000' WITH 40 SACKS OF CLASS A (YLD 1.18 CU.FT./SK)

SET RETAINER @ 4200'

SQUEEZE PERFORATIONS WITH 200 SACKS OF CLASS A (YLD 1.18 CU.FT./SK) OR UNTIL LOCKS UP.

100' CEMENT PLUG, 5000' - 4900'
7" CASING, 60 SKS OF CLASS A (YLD 1.19 CU.FT./SK) CEMENT

FILL 8 3/4" HOLE FROM 5800' - 5000' WITH 350 SKS OF CLASS A (YLD 1.19 CU FT/SK 25% EXCESS) CEMENT

TD @ 5800 FT. , PLUGBACK TD 4900 FT.
HOLE SIZE - 8 3/4"

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OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

DISPOSAL FORMATION - MOORINGSPORT
TOP OF INJECTION ZONE - 1625 FT.
BOTTOM OF INJECTION ZONE - 4522 FT.

Raines & Associates, LLC.	PROJECT SA08539	SCALE NTS	BRICKYARD TRUCKING LLC (B1119) BRICKYARD TRUCKING SWD NO. 003 (PROPOSED) SECTION 17 TOWNSHIP 16 NORTH RANGE 8 WEST JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	APPENDIX N BRICKYARD TRUCKING SWD NO. 003 PROPOSED P&A SCHEMATIC DIAGRAM ATTACHMENT 9
	PAGE 1	DRAWN BY JKW		
	SHEET A	DATE 08/08/24		

CAPITAL CITY PRESS

Publisher of
THE ADVOCATE

PROOF OF PUBLICATION

The hereto attached notice was published in THE ADVOCATE, a daily newspaper of general circulation published in Baton Rouge, Louisiana, and the Official Journal of the State of Louisiana, City of Baton Rouge, and Parish of East Baton Rouge or published daily in THE TIMES-PICAYUNE/THE NEW ORLEANS ADVOCATE, in New Orleans Louisiana or published daily in THE ACADIANA ADVOCATE in the following issues:

7/29/2024

Joy Newman, Public Notices Representative

Sworn and subscribed before me, by the person whose signature appears above

31 Jul 2024

M. Monic McChristian,

Notary Public ID#88293

State of Louisiana

My Commission Expires: Indefinite

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
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PAGE 629 OF 699 PAGES

Ad No: 99533

RAINES & ASSOCIATES, LLC
415 Braemar Rd
Shreveport, LA 71106

Attachment No. 10 Public Notice

PUBLIC NOTICE

PUBLIC NOTICE
SWD WELL ASSOCIATED WITH OIL AND GAS PRODUCTION

In accordance with the laws of the State of Louisiana and the particular reference to the provisions of LA R.S.30:4, and the provisions of Statewide Order No. 29-B as amended and adopted by the Office of Conservation of the State of Louisiana,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

is applying to the Injection and Mining Division of the Office of Conservation for a permit to dispose of produced fluids generated from oil and gas production by means of an injection well, which is identified as

Brickyard Trucking SWD No. 002

with an injection interval at an approximate depth of 5520 feet to 5540 feet. The well location is

Section 17 - Township 16 North - Range 8 West
Jamestown Field, Bienville Parish, Louisiana

All interested parties are hereby given an opportunity to submit written comments no later than fifteen (15) days from the date of this publication. Identify the well when corresponding. Direct comments to:

Office of Conservation
P.O. Box 94275
Baton Rouge, LA
70804-9275
Re: Comments for SWD Application

99533 July 29, 1t

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

Attachment No. 10 Public Notice

AFFIDAVIT OF PUBLICATION

STATE OF LOUISIANA

Parish of Natchitoches

Before me, a Notary Public, personally came and appeared Carolyn Bynog who, being duly sworn, did depose and say that she/he is Bookkeeper of ***The Bienville Democrat,*** *(A newspaper subsidiary of the Natchitoches Times)* a newspaper of general circulation in Bienville, Parish, LA did published the Public Notice No. 2 (an injection interval at an approximate depth of 5520 to 5540) at the request of Brickyard Trucking LLC, 415 Texas Street-400, Shreveport, LA 71101

(S) _____
Carolyn Bynog

And that as per attached, notice was published in said newspaper issue dated August 1, 2024.

SWORN AND SUBSCRIBED to before me this 11th day of AUGUST 2024

_____
Notary Public

Kim Adamson
#60245

KIM ADAMSON
NOTARY PUBLIC ID #60245
STATE OF LOUISIANA
COMMISSION IS FOR LIFE.

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

Attachment No. 10
Public Notice

045568

PUBLIC NOTICE
SWD WELL
ASSOCIATED WITH
OIL AND GAS
PRODUCTION

In accordance with the laws of the State of Louisiana and the particular reference to the provisions of LA R.S.30:4, and the provisions of Statewide Order No. 29-B as amended and adopted by the Office of Conservation of the State of Louisiana,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

is applying to the Injection and Mining Division of the Office of Conservation for a permit to dispose of produced fluids generated from oil and gas production by means of an injection well, which is identified as Brickyard Trucking SWD No. 002 with an injection interval at an approximate depth of 5520 feet to 5540 feet. The well location is

Section 17 - Township 16 North - Range 8 West
Jamestown Field, Bienville Parish, Louisiana

All interested parties are hereby given an opportunity to submit written comments no later than fifteen (15) days from the date of this publication. Identify the well when corresponding. Direct comments to:

Office of Conservation
P.O. Box 94275
Baton Rouge, LA 70804-9275
Re: Comments for SWD Application

lt. 08/01/24
#228-24

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

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DOCKET NO. Env 2025-01
PAGE 632 OF 699 PAGES

Attachment No. 10
Public Notice

CAPITAL CITY PRESS

Publisher of
THE ADVOCATE

PROOF OF PUBLICATION

The hereto attached notice was published in THE ADVOCATE, a daily newspaper of general circulation published in Baton Rouge, Louisiana, and the Official Journal of the State of Louisiana, City of Baton Rouge, and Parish of East Baton Rouge or published daily in THE TIMES-PICAYUNE/THE NEW ORLEANS ADVOCATE, in New Orleans Louisiana or published daily in THE ACADIANA ADVOCATE in the following issues:

8/12/2024, 8/13/2024, 8/14/2024

Joy Newman, Public Notices Representative

Sworn and subscribed before me, by the person whose signature appears above

14 Aug 2024

M. Monic McChristian,

Notary Public ID#88293

State of Louisiana

My Commission Expires: Indefinite

M. MONIC McCHRISTIAN NOTARY PUBLIC STATE OF LOUISIANA

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
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Ad No: 101125

Bobby Raines
RAINES & ASSOCIATES, LLC
415 Braemar Rd
Shreveport, LA 71106-8533

Appendix T
Notice of Intent

NOTICE OF INTENT

IN ACCORDANCE WITH THE LAWS OF THE STATE OF LOUISIANA AND THE RULES AND REGULATIONS OF THE DEPARTMENT OF ENERGY AND NATURAL RESOURCES, OFFICE OF CONSERVATION,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

IS HEREBY PUBLISHING A NOTICE OF INTENT TO FILE AN APPLICATION WITH THE COMMISSIONER OF THE OFFICE OF CONSERVATION, POST OFFICE BOX 94275, BATON ROUGE, LOUISIANA 70804-9275. SAID APPLICATION WILL REQUEST APPROVAL FROM THE ENVIRONMENTAL DIVISION TO CONSTRUCT AND OPERATE A COMMERCIAL DEEP WELL INJECTION WASTE DISPOSAL FACILITY FOR DISPOSAL OF EXPLORATION & PRODUCTION WASTE (E & P WASTE) FLUIDS.

THE PROPOSED FACILITY WILL BE LOCATED IN BIENVILLE PARISH, SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST, APPROXIMATELY 2.0 MILES NORTH OF JAMESTOWN, LOUISIANA.

APPLICANT INTENDS TO DISPOSE OF EXPLORATION AND PRODUCTION WASTE FLUIDS GENERATED FROM THE DRILLING AND PRODUCTION OF OIL AND GAS WELLS BY MEANS OF DEEP WELL INJECTION INTO THE SUBSURFACE AFTER INITIAL STORAGE IN TANKS.

AFFIDAVIT OF PUBLICATION

STATE OF LOUISIANA

Parish of Natchitoches

Before me, a Notary Public, personally came and appeared Carolyn Bynog who, being duly sworn, did depose and say that she/he is Bookkeeper of ***The Bienville Democrat***, *(A newspaper subsidiary of the Natchitoches Times)* a newspaper of general circulation in Bienville, Parish, LA did published the notice of application to construct and operate a commercial deep well injection waste disposal facility for disposal of exploration and production waste fluids at the request of Brickyard Trucking, LLC, 415 Texas Street-Suite 400, Shreveport, LA 71101

(S) Carolyn Bynog

And that as per attached, notice was published in said newspaper issues dated July 25, 2023, August 1, 2024 and August 8, 2024.

SWORN AND SUBSCRIBED to before me this 11th day of AUGUST 2024

STATE EXHIBIT NO. 1
DOCKET NO. Env2025-01
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Notary Public

OFFICE OF CONSERVATION

SEP 19 2024

Kim Adamson
#103445

INJECTION AND MINING DIVISION

KIM ADAMSON
NOTARY PUBLIC ID #103445
STATE OF LOUISIANA
COMMISSION IS FOR LIFE

Appendix T
Notice of Intent

NOTICE OF INTENT

IN ACCORDANCE WITH THE LAWS OF THE STATE OF LOUISIANA AND THE RULES AND REGULATIONS OF THE DEPARTMENT OF ENERGY AND NATURAL RESOURCES, OFFICE OF CONSERVATION,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

IS HEREBY PUBLISHING A NOTICE OF INTENT TO FILE AN APPLICATION WITH THE COMMISSIONER OF THE OFFICE OF CONSERVATION, POST OFFICE BOX 94275, BATON ROUGE, LOUISIANA 70804-9275. SAID APPLICATION WILL REQUEST APPROVAL FROM THE ENVIRONMENTAL DIVISION TO CONSTRUCT AND OPERATE A COMMERCIAL DEEP WELL INJECTION WASTE DISPOSAL FACILITY FOR DISPOSAL OF EXPLORATION & PRODUCTION WASTE (E & P WASTE) FLUIDS.

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APPLICANT INTENDS TO DISPOSE OF EXPLORATION AND PRODUCTION WASTE FLUIDS GENERATED FROM THE DRILLING AND PRODUCTION OF OIL AND GAS WELLS BY MEANS OF DEEP WELL INJECTION INTO THE SUBSURFACE AFTER INITIAL STORAGE IN TANKS.

3t. 07/25/24, 08/01/24, 08/08/24
#203-24

ALTEC
ENVIRONMENTAL CONSULTING, LLC

September 17, 2024

Louisiana Department of Energy and Natural Resources
Office of Conservation
Injection & Mining Division
P. O. Box 94275
Baton Rouge, LA 70804

RE: **Commercial SWD-New Drill**
Brickyard Trucking, LLC (B1119)
Brickyard Trucking SWD Nos. 001, 002 & 003
Jamestown Field (4738) / Bienville Parish, Louisiana

Dear Sir or Madam:

As per the Louisiana Department of Energy and Natural Resources – Injection & Mining Division requirements for PE and PG Certifications for Class II Commercial Saltwater Disposal Wells, the undersigned Registered Professional Engineer has overseen the preparation of the following engineering documents:

1. Attachment 4A – Proposed Wellbore Schematic for the Brickyard Trucking SWD Nos. 001, 002 & 003
2. Attachment 4B – Proposed Work Prognosis for the Brickyard Trucking SWD 001, 002 & 003
3. Attachment 9 – P&A Wellbore Schematic for the Brickyard Trucking SWD Nos. 001, 002 & 003
4. Attachment N 14 – Closure Funding for the Brickyard Trucking, LLC Facility.

I certify to the best of my knowledge that the calculations used within are reasonable and that the documents are accurate.

Sincerely,

Robert B. Raines, III P.E.
Vice-President

Enclosures

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STATE OF LOUISIANA
ROBERT B RAINES III
License No. 34740
PROFESSIONAL ENGINEER
9/17/24

RECEIVED
SEP 19 2024
OFFICE OF CONSERVATION
INJECTION AND MINING DIVISION

1111 Hawn Avenue • Shreveport, LA 71107 • Bus: (318) 687-3771 • Fax: (318) 687-9923

Raines
& Associates, LLC

September 17, 2024

Louisiana Department of Energy and Natural Resources
Office of Conservation
Injection & Mining Division
P. O. Box 94275
Baton Rouge, LA 70804

RE: **Commercial SWD-New Drill**
Brickyard Trucking, LLC (B1119)
Brickyard Trucking SWD Nos. 001, 002, and 003
Jamestown Field (4738) / Bienville Parish, Louisiana

Dear Sir or Madam:

As per the Louisiana Department of Energy and Natural Resources – Injection & Mining Division requirements for PE and PG Certifications for Class II Commercial Saltwater Disposal Wells, the undersigned Registered Professional Geoscientist has overseen the preparation of the following geological documents:

1. Attachment 7 – Well Log with Underground Source of Drinking Water (USDW),

2. Attachment 7A - Top of Injection Zone (TOZ), Base of Injection Zone (BOZ), and Proposed Perforations marked for the Brickyard Trucking SWD Nos. 001, 002 & 003.

3. Attachment 8 – Geological Cross Sections – A-A' & B-B'.

OFFICE OF CONSERVATION

I certify to the best of my knowledge that the depths used within are reasonable and that the documents are accurate.

SEP 19 2024

Sincerely,

STATE EXHIBIT NO. 1
DOCKET NO. Env2025-01
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INJECTION & MINING DIVISION

Robert B. Raines, Jr. PG (LA PG 433)
Professional Geoscientist

Enclosures

LOUISIANA BOARD OF PROFESSIONAL GEOSCIENTISTS
ROBERT B. RAINES, JR.
433
Est. 2011

9/17/2024

415 Braemar Road • Shreveport, LA 71106 • Bus: (318) 218-7945 • Email: bobbyrainesjr@gmail.com

045569

COMMERCIAL SALTWATER DISPOSAL WELL PERMIT APPLICATION

MAILING ADDRESS:
OFFICE OF CONSERVATION
INJECTION & MINING DIVISION
P.O. BOX 94275-CAPITOL STATION
BATON ROUGE, LA 70804-9275

PHYSICAL ADDRESS:
OFFICE OF CONSERVATION
INJECTION & MINING DIVISION
617 N. THIRD ST., 8TH FLOOR
BATON ROUGE, LA 70802

INJECTION AND MINING DIVISION

UIC-2 COM SWD — PLEASE READ APPLICATION PROCEDURES — TYPE ONLY

1. APPLICATION TO:
☒ DRILL NEW COM SWD WELL ☐ RE-DRILL FOR COM SWD DISPOSAL (SN: _____)
☐ CONVERT TO COM SWD WELL ☐ RE-PERMIT COM SWD WELL

2. CONSERVATION ORDER NO.: _____

OFFICE OF CONSERVATION

3. OPERATOR NAME: Brickyard Trucking, LLC
ADDRESS: 415 Texas Street, Suite 400
CITY, STATE, ZIP: Shreveport, LA 71101
EMAIL: scott.wooten@saltlickllc.com

4. OPERATOR CODE: B1119

5. PHONE: (318) 377-5755 FAX: (318) 625-0531

WELL INFORMATION

6. PROPOSED WELL NAME AND NUMBER: Brickyard Trucking SWD No. 003

7. SERIAL NO. (CONVERSION & RE-PERMIT ONLY):

8. FIELD:	9. PARISH:	10. SEC.	TWP.	RNG.
Jamestown (4738)	Bienville (07)	017	16N	08W

11. LEGAL LOCATION DESCRIPTION (FROM LOCATION PLAT):
located 1,230 feet from the South line and 2,352 feet from the West line of Section 17, T16N-R8W, Bienville Parish, Louisiana

12. LOCATION COORDINATES:
GEOGRAPHIC COORDINATE SYSTEM (NAD27)
LATITUDE: 32 DEG 22 MIN 10.9 SEC
LONGITUDE: 93 DEG 12 MIN 44.90 SEC

STATE PLANE COORDINATES (LAMBERT, NAD 27)
NORTH ZONE ☑ SOUTH ZONE ☐
X: 1,780,022.65 Y: 620,209.28

WELL CONSTRUCTION INFORMATION

13. CASING SIZE (IN.)	HOLE SIZE (IN.)	CASING WEIGHT	DEPTH SET TOP (FT.)	DEPTH SET BOTTOM (FT.)	SACKS CEMENT	TYPE CEMENT	TOP OF CEMENT
10 3/4	13 1/2	40.5	0	1200'	295/265	LITE/A	Surface
7	8 3/4	26	0	5000'	175/810	LITE/H	Surface

14. TUBING: ☒ STEEL ☐ OTHER (IDENTIFY) _____ SIZE: 4 1/2 DEPTH (FT.): 4200'

15. PACKER: ☒ TENSIONAL ☐ PERMANENT ☐ COMPRESSIONAL MAKE: Baker MODEL: AD-1 DEPTH SET (FT.): 4203'

16. PLUGGED-BACK DEPTH (FT.):	17. DRILLED-OUT DEPTH (FT.):	18. TOTAL DEPTH OF WELL (FT.):
4900'	5000'	5800'

PROPOSED INJECTION INTERVAL INFORMATION

19. DEPTH OF PROPOSED INJECTION ZONE (MD IN FT.):
TOP: 1625' BOTTOM: 4522'

20. INJECTION FORMATION NAME(S):
Nacatoch, Tokio, Tuscaloosa, Glen Rose and Mooringsport

21. INJECTION THROUGH:
☒ PERFORATIONS ☐ OPEN HOLE ☐ SCREEN

22. PROPOSED PERFORATED OR OPEN HOLE INTERVAL (MD IN FT.):
TOP: 4240' BOTTOM: 4270'

PRESSURE CALCULATION DATA

23. INJECTION RATE (BARRELS/MINUTE):
NORMAL: 4 BPM MAXIMUM: 8 BPM

24. INJECTION FLUID EXPECTED TEMPERATURE (°F):
SUMMER: 85 °F WINTER: 80 °F

25. INJECTION FORMATION PROPERTIES: ☒ ESTIMATED ☐ MEASURED ☐ IF MEASURED, LIST SOURCE: _____
PERMEABILITY: 800 MILLIDARCYS (MD) POROSITY: 25 PERCENT (%)

26. CALCULATE THE MASIP BASED ON THE FRACTURE GRADIENT OF THE:
☒ INJECTION FORMATION (SEE ATTACHMENT 7) ☐ CONFINING FORMATION (SEE ATTACHMENT 7)

OTHER INFORMATION

27. DESCRIBE CONTINGENCY PLANS FOR SALTWATER DISPOSAL WHEN WELL IS DOWN:

Contingency plans for water disposal when the well/facility is not in operation, is to truck or pipeline the water to another facility owned by Brickyard Trucking, LLC.

28. IS THE PROPOSED WELL LOCATED ON INDIAN LANDS UNDER THE JURISDICTION OR PROTECTION OF THE FEDERAL GOVERNMENT? ☐ YES ☒ NO

29. IS THE PROPOSED WELL LOCATED ON STATE WATER BOTTOMS OR OTHER LANDS OWNED BY OR UNDER JURISDICTION OF THE STATE? ☐ YES ☒ NO

AUTHORIZED AGENT

30. AGENT OR CONTACT AUTHORIZED TO ACT FOR THE OPERATOR DURING PROCESSING OF THIS APPLICATION.

THE SIGNATURE BY THE OPERATOR CERTIFYING THIS APPLICATION WILL AUTHORIZE THIS AGENT OR CONTACT TO SUBMIT ADDITIONAL INFORMATION AS REQUESTED AND TO GIVE ORAL STATEMENTS IN SUPPORT OF THIS APPLICATION.

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INJECTION AND MINING DIVISION

NAME: Scott Wooten
COMPANY: Brickyard Trucking, LLC
ADDRESS: 415 Texas Street, Suite 400, Shreveport, LA 71101
PHONE: (318) 377-5755
EMAIL: scott.wooten@saltlickllc.com

WRITTEN CORRESPONDENCE SHOULD BE SENT TO (CHOOSE ONE): ☐ OPERATOR ■ AUTHORIZED AGENT

CERTIFICATION BY OPERATOR

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my personal knowledge or inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

31. NAME (PRINT)	32. TITLE (PRINT)
Scott Wooten	Manager
33. SIGNATURE	**34. DATE**
S. Wooten	9/12/24

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COMMERCIAL SALTWATER DISPOSAL WELL PERMIT
APPLICATION PROCEDURES FOR
FORM UIC-2 COM SWD

PERMITTING PROCESS

- Upon receipt of the original submittal, an Initial Application Review letter will be sent out by the Injection and Mining Division (IMD) noting missing or incorrect information.

- Additional revisions to the application may be requested as the application progresses through the technical review process. Please include the 'Application No.' assigned by IMD on the upper right corner of each page of the revisions. The 'Application No.' can be found on your receipt letter, which you should receive within two weeks of receipt of your Application by IMD.

- The permitting process is a two-step procedure:

1st Step: After the Application is reviewed and found to be complete and to meet the requirements of Statewide Order 29-B, an "Approval to Construct" letter will be issued. This will allow the well to be drilled and completed or to be converted as described in the Application, but **NOT TO INJECT**. A list describing the "Reporting Requirements" will be included with the "Approval to Construct" letter. The "Reporting Requirements" will tell you what you need to file with the Injection & Mining Division (IMD) after completion of the well and before issuance of the final well PERMIT TO INJECT.

2nd Step: The Well History, mechanical integrity test results (witnessed by a IMD inspector), and logs are reviewed. If found adequate, a final "Permit" letter to inject fluids will be issued. If not adequate, the IMD will tell you what remedial action, if any, can be taken to obtain a "PERMIT TO INJECT".

PUBLIC NOTICE

- **For a proposed COM SWD WELL at a NEW FACILITY:**

  Refer to LAC 43:XIX.519.B for public notice guidance for proposed Commercial SWD Wells at a New Commercial Facility.

- **For a proposed COM SWD WELL at an EXISTING FACILITY:**

  Refer to LAC 43:XIX.529.B for public notice guidance for proposed Commercial SWD Wells at an Existing Commercial Facility.

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APPLICATION GUIDELINES

- These procedures are intended to provide applicants with a checklist to ensure all information is provided. Depending on the given well, additional items may be required.

- This list applies to new wells to be drilled and those to be converted, re-drilled, or re-permitted for injection.

- Supporting documentation is required in the form of attachments. Label each of the attachments by number in the lower right-hand corner; example: "Attachment 2A".

- Any Orders pertaining to the permitting of this well should also be attached.

- Items 30 through 33 of the Form UIC-2 COM SWD Application should be certified with an original signature from an associate of the operating company. The associate may be an officer; manager; general partner; proprietor; operator of the well, field or facility; or any direct employee of the operating company employed in a decision-making role. This Division will not accept a signature from an agent or consultant of the operating company to certify the application.

- If the surface casing is not set 100 feet below the base of the Underground Source of Drinking Water (USDW), please contact a Geologist with this Division for guidelines pertaining to surface casing variances.

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SUBMIT THE APPLICATION IN THE FOLLOWING ORDER:

- **Application for Permit or to Amend Permit to Drill for Minerals**
  - **For a NEW DRILL or RE-DRILL**, two copies of completed form MD-10-R (Yellow Card)
  - **For a CONVERSION or RE-PERMIT**, two copies of completed form MD-10-R-A (Pink Card)
  - Both cards must have original signatures. The information provided must match items 3 to 11 on the Form UIC-2 COM SWD Application.

- **Filing Fee**

  Check made payable to "Office of Conservation". Please refer to LAC 43:XIX.Chapter 7 for the current fee schedule or contact the IMD at (225) 342-5515.

- **Nonrefundable Hearing Fee**
  - **For a NEW DRILL or CONVERSION at a NEW FACILITY,** make check payable to "Office of Conservation". Please refer to LAC 43:XIX.Chapter 7 for the current fee schedule or contact the IMD at (225) 342-5515.
  - **For a NEW DRILL or CONVERSION at an EXISTING FACILITY,** not applicable unless a hearing is requested, and is subsequently approved by the Commissioner of Conservation.

- **APPLICATION** – Commercial Saltwater Disposal Well Permit Application
  - Form UIC-2 COM SWD with an original signature from an officer with the operating company authorized to certify the application.
  - All items must be answered or noted "N/A"--not applicable.

- **ATTACHMENT 1** -- Location Plat
  - **For a NEW DRILL, RE-DRILL, or RE-PERMIT**, include an original certified drilling location plat, labeled "Attachment 1." This plat may be combined with Attachment 2, as long as it is a certified plat. The IMD requires that the Location Plat contains geographic coordinates in GCS- Latitude, Longitude (NAD27 and NAD 83) and State Plane- X,Y (Lambert, NAD27 and NAD83) for the proposed COM SWD well. The location plat must reflect, at a minimum, a Class D Survey as defined by the Professional and Occupational Standards for Professional Engineers and Land Surveyors in LAC 46:LXI.2905.A.4. A Class D Survey requires a degree of accuracy to the nearest foot.
  - **For a CONVERSION**, include the drilling location plat, labeled "Attachment 1." It may be a photocopy if the correct State Plane- X,Y (Lambert, NAD27) coordinates are available in the DNR database (SONRIS). If State Plane- X,Y coordinates are missing or are incorrect in SONRIS, an original certified location plat must be submitted. This plat may be combined with Attachment 2 and must meet the same requirements as those defined for a new drill, re-drilled, or re-permitted wells.

- **ATTACHMENT 2** -- Area of Review

  2A. Area of Review (AOR) Map (Attachment 2A)

  The AOR map must identify, within a one-quarter-mile (1320-ft.) radius of the proposed injection well, the locations for the following:
  - The proposed injection well
  - All producing wells
  - All injection wells
  - All shut-in wells
  - All plugged and abandoned wells

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- All dry holes
- All source water wells (for enhanced recovery)
- All freshwater wells
- Include a legend to identify each well and to otherwise clarify the AOR map. Except for freshwater wells, only information on file with the Office of Conservation and pertinent information known to the applicant is required to be included on this map.

2B. AOR Well List (Attachment 2B)

The AOR Well List must identify all wells in the AOR except for the freshwater wells. A diligent search must be attempted to locate all wells within the AOR of the proposed injection well. The search must include:

- Conducting a foot-search of the AOR to identify any wells in the field;
- Searching SONRIS for wells in the DNR database; **AND**
- Researching field maps and company files.

The search should identify the following types of wells: all producing wells, all injection wells, all shut-in wells, all plugged and abandoned wells, all dry holes, and all source water wells (for enhanced recovery).

Applicants must complete the Area of Review Well List that is included in this application package. IMD will not accept printouts of the SONRIS database search in lieu of the Area of Review List. If no wells are found within the AOR, then type "No Wells Found" on "Attachment 2B".

2C. Freshwater Well List (Attachment 2C)

The Freshwater Well List must identify all the freshwater wells within the AOR. A diligent search must be attempted to locate all freshwater wells within the AOR of the proposed injection well. The search must include:

- Conducting a foot-search of the AOR to identify any freshwater wells in the field;
- Searching the Department of Transportation and Development's (DOTD) database of Registered Water Wells in the state of Louisiana (http://www.dotd.state.la.us/intermodal/wells/disclaimer.asp). A printout of the DOTD database search must be include with the application package; **AND**
- Researching company files for Rig Supply wells.

Applicants must complete the Freshwater Well List that is included in the Form UIC-2 SWD Application package. IMD will not accept printouts of the DOTD database search in lieu of the Freshwater Well List. All wells listed on the Freshwater Well List must be plotted on the Area of Review Map and/or the Location Plat.

2D. Include a printout of the DOTD database search of the AOR and label the list "Attachment 2D."

2E. Laboratory Analyses (Attachment 2E)

Include a laboratory analysis of a water sample from EACH freshwater well listed on "Attachment 2C." Identify each sample using the DOTD Well ID of the well that was sampled. If the well is not registered with the DOTD database, identify the sample using the well name that used to identify the well on the Freshwater Well List (Attachment 2C). The laboratory analysis must be a **signed original** from a LDEQ LELAP accredited laboratory. A PDF list of Accredited Laboratories can be found on the LDEQ website, http://www.deq.louisiana.gov, under ***Divisions >> Laboratory Services >> Laboratory Accreditation.*** The analysis sheet(s) must identify the freshwater well sampled, and, at a minimum, include measurement of:

- Chloride (mg/l)
- Total Dissolved Solids (mg/l)

Provide an explanation if samples are not obtainable.

- **ATTACHMENT 3** -- Facility Diagram

The diagram should be to scale (or reasonably close) and labeled, "Attachment 3." A surface facility diagram that shows the following, where applicable:

- Proposed well
- Storage tanks
- Containment levees
- Flow lines entering and leaving the facility
- Filters
- Treatment system/equipment
- Other Class II wells
- Access roads
- Buildings
- Unloading areas
- Barges
- Containers (including design capacities)
- All other equipment and operational features of the storage, treatment and/or disposal system

- **ATTACHMENT 4** -- Well Schematic Diagram

For a NEW DRILL, two attachments are required:

- A schematic diagram of the proposed well, labeled "Attachment 4A".
- A work prognosis describing the sequence of work to be performed, labeled "Attachment 4B".

For a CONVERSION, RE-DRILL, or RE-PERMIT, three attachments are required:

- A schematic diagram of the well as it currently exists (before conversion to injection), labeled "Attachment 4A".
- A schematic diagram of the well as it is proposed to be completed, labeled "Attachment 4B".
- A work prognosis describing the sequence of work to be performed, labeled "Attachment 4C".

If a cement bond log (CBL) has been run prior to submission of the application, please submit a copy with the application.

The schematic diagram(s) must match items 13 to 22 on the Form UIC-2 COM SWD Application and show the following:

Surface equipment:

- Well head
- Pressure gauges
- Flow line diameters at wellhead
- Monitoring equipment, if used

Subsurface equipment:

- All casing strings:
  - Diameter
  - Weight (per foot)
  - Depth set (top and bottom).

Surface casing must extend at least 100 feet below the USDW.

- Hole (drill bit) diameters
- Cement specifications:
  - Type of class
  - Number of sacks
  - Tops of cement (indicate whether calculated, logged, or to be logged)
- Proposed cement squeeze(s), if any:
  - Type or class
  - Number of sacks
  - Calculated top of cement (to be logged)
- Injection tubing:
  - Diameter
  - Type or material
  - Depth
- Packer:
  - Type
  - Depth

    The packer must be set at or below the cement in the wellbore that is bonded to the first isolation shale formation immediately above the top of the proposed injection zone. But in no case, should the packer be set higher than 150 feet above the top of the proposed injection zone. Proof of isolation (bonded cement) must be provided by a cement bond log (CBL).
- Proposed injection zone (see notes for Attachment 7):
  - Top
  - Bottom
- Proposed initial perforated, open-hole, or screened interval:
  - Top
  - Bottom
- Depths:
  - Total Depth
  - Drilled-out depth (where applicable)
  - Plugged-back depth (where applicable)

- **ATTACHMENT 5** -- Injection Fluid Analysis

A laboratory analysis of a representative sample of the fluid to be injected in the proposed well, labeled "Attachment 5". The laboratory analysis must be a **signed original** from a LDEQ LELAP accredited laboratory. A PDF list of Accredited Laboratories can be found on the LDEQ website, http://www.deq.louisiana.gov, under Divisions>>Laboratory Services>>Laboratory Accreditation.

The analysis sheet must indicate the source of the sample and IMD should be able to track the sample to the fluid source wells. At a minimum, the analysis should include measurement of:

- Chloride (mg/l)
- Specific gravity or density (g/cc or ppg)
- Total Dissolved Solids (mg/l)
- Temperature of sample when specific gravity was measured

- **ATTACHMENT 6** – MASIP Calculation Request

The Maximum Surface Injection Pressure (MASIP) can be calculated **based on the fracture gradient of the injection formation**, or **based on the fracture gradient of the confining formation**. Applicants must request how the MASIP should be calculated for the proposed well. Please refer to Attachment 6- MASIP Calculation Request (included in this application package) for additional information regarding each calculation's requirements. Complete, sign, and submit the request, with any other necessary information, as Attachment 6 of the Form UIC-2 SWD Application.

- **ATTACHMENT 7** -- Electric Logs

For a NEW DRILL, please include electric logs (e-log) of the closest well to the proposed well location which show the proposed injection zone and USDW. E-logs of more than one well may be included, if necessary, to show both the lowermost USDW and proposed injection zone. A diligent search must be made to locate at least one e-log within one mile of the proposed well. If an e-log can not be located within one mile, a search may be extended up to two miles. If an e-log is not available, use a sheet of paper labeled, "Attachment 7" which states, "No e-logs are available from wells within a two-mile radius of the proposed well location".

For a CONVERSION, RE-DRILL, or RE-PERMIT, please include a duplicate of the original e-log or a photocopy of the e-log from the well proposed for conversion. If the lowermost USDW was not logged, please include an e-log from a well within a one-mile radius that shows the lowermost USDW.

Please apply the guidelines below and mark the following information on the e-logs:

- ***The Serial Number of the Well***

  Mark with e-log with the serial number of the well, and ensure that the complete e-log, from the header to the bottom logged interval, is submitted. The 5-inch/100-ft-scale portion is not necessary.

- ***The Base of the Lowermost Underground Source of Drinking Water (USDW)***

  Conduct a one-mile search from the proposed well location to locate the closest well with an e-log that shows the lowermost USDW. The USDW can be determined from the deep induction curve, generally the dotted curve, on the e-log. Resistivity changes with temperature and depth, therefore the guidelines below are used to approximate the lowermost USDW in sands at the following depths:

  - **Ground surface to 1,000 feet: 3 ohms or higher is considered USDW;**
  - **1,000 feet to 2,000 feet: 2 ½ ohms or higher is considered USDW; and**
  - **2,000 feet and deeper: 2 ohms or higher is considered USDW.**

  Clay or shale intervals with resistivities higher than these are not considered USDW's. Please provide an e-log from the search area that shows there is at least 100 feet of net shale between the top of the proposed injection zone and the base of the USDW.

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- ***The Top and Bottom of the Proposed Injection Zone***
  - An injection zone consisting of multiple sands may be permitted, provided that the USDW and sands capable of hydrocarbon production are isolated. Permitting a zone of multiple sand units will allow for future perforations within the permitted injection zone by applying for a work permit (Form UIC-17).
  - Cement isolation confining the top of the proposed injection zone must be confirmed by a Cement Bond Log (CBL). The CBL must show cement in the wellbore bonded to the first isolating shale formation immediately above the approved injection zone.
  - The packer must be set at or below the cement isolation confining the top of the proposed injection zone, but no more than 150 feet above the top of zone.
  - Conduct a one-mile search from the proposed well location to locate productive wells. Ensure that there is at least 100 feet of net shale between the proposed injection zone and any productive intervals.

- ***The Proposed Perforated Interval***

- **ATTACHMENT 8** -- Geologic Cross Sections

  Provide strike and dip geologic cross sections in the north-south and east-west directions, which intersect at the location of the proposed injection well. These cross sections must include, at a minimum:

  - Available log control: label the serial number, well name, and well number of each e-log
  - Geologic units
  - Lithology from the surface to the lower confining bed below the proposed injection zone
  - Local geology in at least a two-mile radius from the proposed injection well
  - Base of the Underground Sources of Drinking Water
  - Vertical and Lateral limits of the proposed injection zone (reservoir)
  - Vertical and Lateral limits of the upper and lower confining beds
  - Location of faults or other geologic structures
  - Vertical and horizontal scales

- **ATTACHMENT 9** – Commercial Saltwater Disposal Well Closure Plan and Cost Estimate

  Provide a closure plan for plugging and abandoning the proposed well and a cost estimate to implement the closure plan.

- **ATTACHMENT 10** -- Public Notice

  An original copy of proof of publication of each legal notice. Please check for accuracy of serial number; well name and number; section, township, and range; etc. If these are not correct, the publication will not be acceptable. You will be billed by each journal for the publication.

  Complete the legal notice attachment and send the notice to:

  - The state journal: ***The Advocate*, Legal Ad Department, P.O. Box 588, Baton Rouge, LA 70821, (225) 388-0128.**
  - The parish journal. Contact the Louisiana Secretary of State-Publication Division for a list of the parish journals at **(225) 922-0309** or view the list on-line at http://www.sos.louisiana.gov/pubs/pubs-opj.htm.
  - The journal of general circulation.

  The journal will send you a notarized "Proof of Publication", which is to be labeled, "Attachment 10", and included as part of the Application. If the Proof of Publication is not received when the Application is sent to the IMD, it may be sent later provided you also write the Application No. on the Public Notice. The "Application No." can be found on your receipt letter, which you should receive within two weeks after your Application reaches the IMD.

- **ATTACHMENT 11** -- Well History and Work Resume Report

  - **For a CONVERSION or RE-PERMIT**, a photocopy of each Well History and Work Resume Report (Form WH-1) that have previously been filed with the Office of Conservation.
  - **For a RE-DRILL**, a photocopy of the previously filed WH-1 that documents the plugging and abandonment of the well.
  - **For a NEW DRILL**, there is no Attachment 11.

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- **DUPLICATE COPY**

  Please include a photocopy of the **complete application and attachments**. Both the "original" and the "photocopy" must be included to be considered a complete Application.

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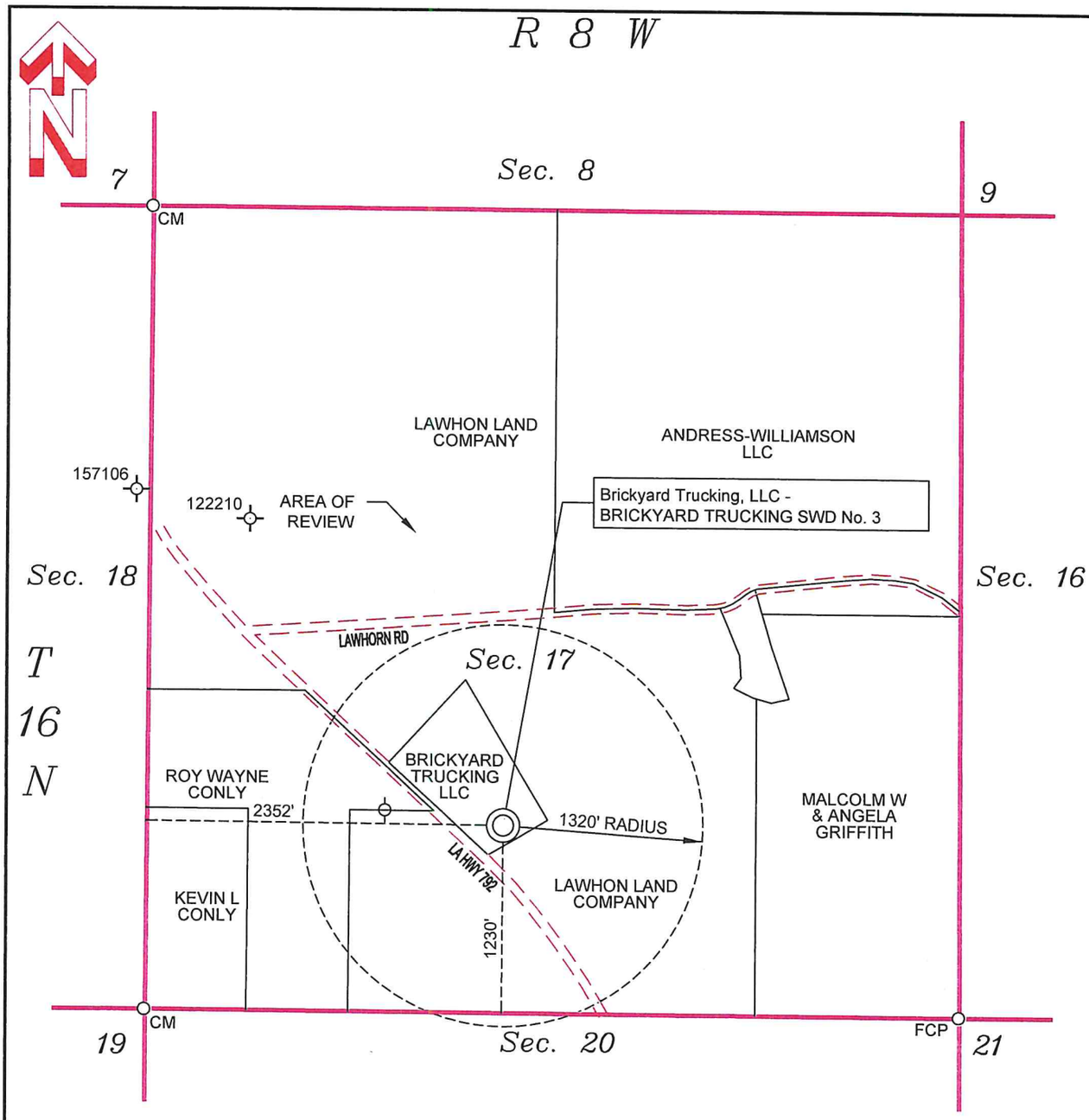


Elevation of Ground at location 235.8' NAVD88

SURFACE LOCATION	
NAD 27	NAD 83 (2011)
Lat. 32°22'10.95" N	Lat. 32°22'11.50" N
Long. 93°12'44.89" W	Long. 93°12'45.50" W
Lat. 32.3697092° N	Lat. 32.3698611° N
Long. 93.2124692° W	Long. 93.2126389° W
X = 1,780,022.65	X = 3,060,808.68
Y = 620,209.28	Y = 680,916.83

----LEGEND----

- Proposed SWD Location
- Dry Hole
- Water Well (Inactive)
- CM Concrete Monument
- FCP Fence Corner Post

Note: No water well registration found on SONRIS within Area of Review

Note: The water well shown hereon appears to be inactive

Brickyard Trucking, LLC -
BRICKYARD TRUCKING SWD No. 3
Surveyed on November 20, 2023 as follows:

SURFACE LOCATION: being 1230 feet from the South line and 2352 feet from the West line of SECTION 17, T16N-R8W, BIENVILLE PARISH, LOUISIANA

ANY BEARINGS AND DISTANCES SHOWN ARE GRID (SPCS27-LA-N-1701)

0' 1000' 2000'

1"=1000'

STATE OF LOUISIANA
BENJAMIN C. WINN
REG. No. 4778
REGISTERED
PROFESSIONAL
LAND SURVEYOR

BASIS OF WELL POSITION AND GROUND ELEVATION: GNSS OBSERVATIONS PERFORMED COINCIDENT WITH GROUND SURVEY UTILIZING LSU C4G RTN AND RTK NETWORK SERVICE.
PROJECTION: SPCS83-LA-N-1701 LATEST VERSION NAD 83(2011) EPOCH 2010.00 (THEN CONVERTED TO NAD27).
DATUM: NAVD 1988 (GEOID 12A).
BENCHMARK - LSRC CORS - CSTA - COUSHATTA, LA.

NOTE: This plat does not represent a Property Boundary Survey, Route Survey or Unitization Survey and therefore does not comply with the applicable standards of practice stipulated in LAC Title 46:LXI, Chapter 29, Standards of Practice for Boundary Surveys as currently adopted by the Louisiana Professional Engineering and Land Surveying Board. It is, however, in compliance with the State of Louisiana, Department of Natural Resources, Office of Conservation, Injection and Mining Division Location Plat Requirements, Policy No. IMD-GS-10

I, Benjamin C. Winn, Professional Land Surveyor, certify that the well location depicted and described in this plat was staked and surveyed in the field by me or under my direction with accuracy and precision to the nearest foot. I have properly examined this plat and have determined that it complies with existing local Louisiana codes, and has been property site adapted to use in this area.

8/09/2024

Benjamin C. Winn, P.E., P.L.S. (LA Reg. No. 4778) Date
Winn Surveying & Engineering, L.L.C.
Springhill, LA 71075 (318) 423-5325

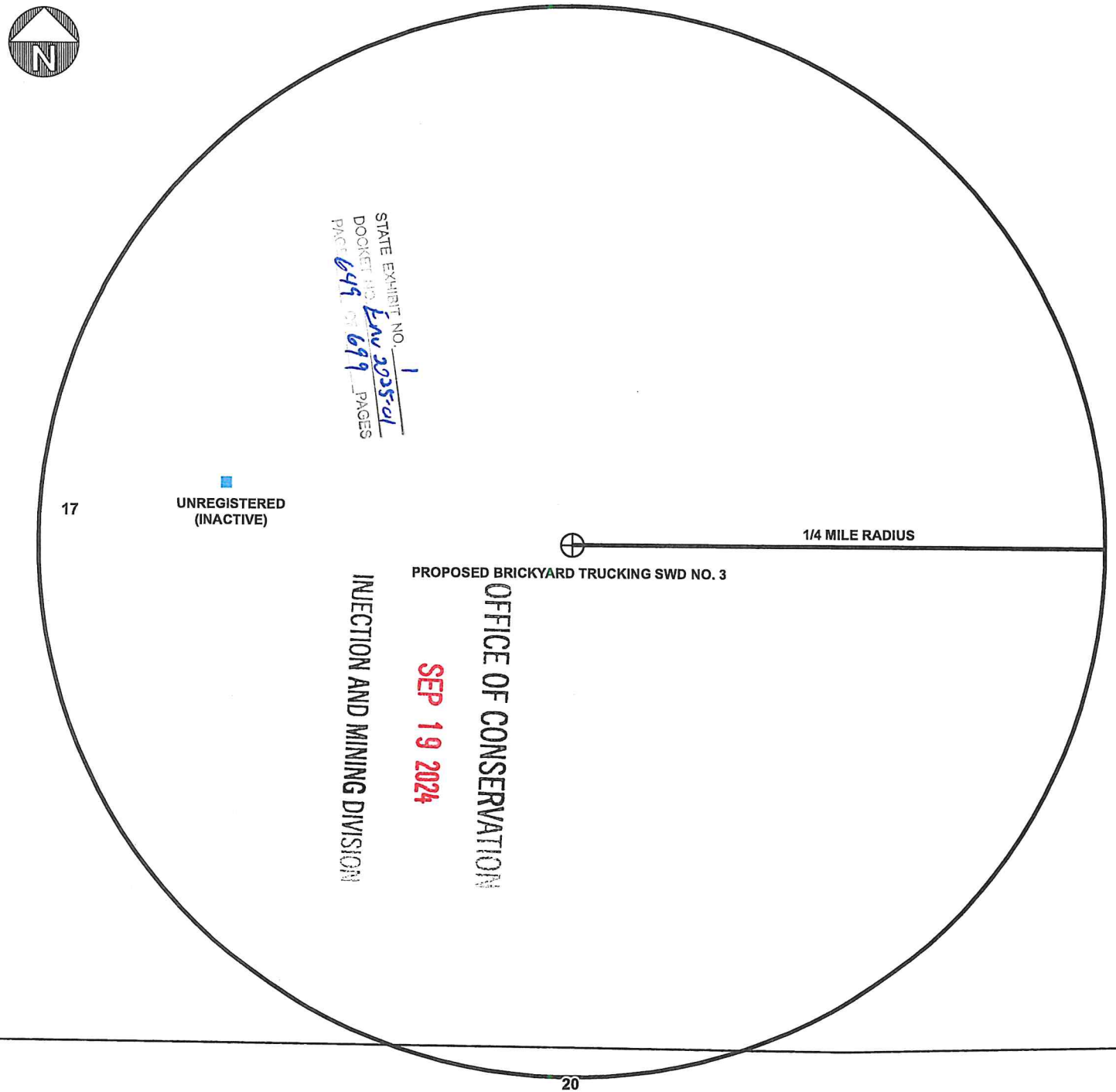
This well location was surveyed on the ground on 11/20/2023.

WELL LOCATION PLAT
Brickyard Trucking, LLC
BRICKYARD TRUCKING SWD No. 3
Located in Section 17, T16N-R8W
Bienville Parish, Louisiana
July 01, 2024

File Name: S:\PROJ23\23781\23781SWD003WL.DWG

Attachment 1
Location Plat

Rev. 0 - July 01, 2024
Rev. 1 - August 09, 2024



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L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\GIS\SA08539 Attachment 2A - AOR SWD No. 3.mxd

TITLE

ATTACHMENT 2A
AREA OF REVIEW

LOCATION

BRICKYARD TRUCKING, LLC. (B1119)
BRICKYARD TRUCKING SWD NO. 3
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD
BIENVILLE PARISH, LOUISIANA

LEGEND

⊕ NEW WELL

■ UNREGISTERED WATER WELL (INACTIVE)

Raines & Associates, LLC

PROJECT NO.	SCALE
SA08539	1" = 350'
PAGE	DRAWN BY
1	JKW
SHEET	DATE
A - 8.5 X 11	02/15/24

AREA OF REVIEW WELL LIST

OPERATOR CODE	WELL NAME & NO.	SERIAL NUMBER	WELL STATUS*	TOTAL DEPTH (FT.)	PERFORATED OR COMPLETED INTERVAL (FT).		
	There are no wells in the					TO	
	Area of Review of 1320'.					TO	
						TO	
						TO	
						TO	
						TO	
						TO	
						TO	
						TO	
						TO	
						TO	
						TO	
						TO	
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						TO	
						TO	
						TO	
						TO	
						TO	

*Well Status: Active- Injection (09), Active- Producing (10), Unable to Locate (28), Dry & Abandoned (29), P&A (30), etc.

(ATTACH ADDITIONAL LISTS IF NEEDED)

045569

FRESHWATER WELL LIST

☐ A DILIGENT SEARCH WAS MADE TO LOCATE ALL FRESHWATER WELLS WITHIN A 1/4 MILE RADIUS OF THE PROPOSED WELL AND NO WELLS WERE LOCATED.

☒ A DILIGENT SEARCH WAS MADE TO LOCATE ALL FRESHWATER WELLS WITHIN A 1/4 MILE RADIUS OF THE PROPOSED WELL AND THE FOLLOWING WELLS WERE LOCATED.

OWNER	WELL NAME	TYPE*	STATUS**	TOTAL DEPTH (FT.)	LOCATION
R. W. Conly	Unregistered water well	residential	not in service	unknown	behind abandoned house
			inactive		see attached survey

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*Type of Well: PUBLIC SUPPLY, DOMESTIC (supplies one or a few homes), INDUSTRIAL (including commercial), LIVESTOCK, IRRIGATION (including catfish & crawfish farming), MONITORING, RIG SUPPLY, HEAT PUMP SUPPLY, OBSERVATION (by a qualified agency or company), AQUIFER DEWATERING, RECOVERY (of contaminants), other (describe).

**Status of Well: ACTIVE (used at least once a month), STANDBY, INACTIVE (but useable with minor work or effort), ABANDONED (but not plugged).

Gulf States Environmental Laboratories

222 Spring St. Shreveport, La. 71101 · 800-256-6110 · 318-220-9067 · Fax 318-221-3296
LELAP CERTIFICATION # 02082

Client: RAINES & ASSOCIATES LLC
415 BRAEMAR RD.
SHREVEPORT, LA 71106

Report Date:	07/11/24
Sample ID:	CONLY WATER WELL BYT3
Project Name:	BRICKYARD TRUCKING SWD NO. 3
Location:	CONLY WATER WELL
Collected By:	CLIENT
Time/Date Collected:	1430 07/02/24
Date Received:	07/03/24

ANALYTICAL RESULTS

GSEL ID#: 129998

GENERAL CHEMISTRY

Sample Matrix: WATER

Analyte:	Result	Units	Qualifier	Reporting Limit	Dil. Factor	Method	Time/Date Analyzed	Analyst
TDS	84.0	mg/L		10.0		SM 2540 C-2011	1450 - 07/09/24	KS
CHLORIDE	3.30	mg/L		0.5	1	HACH 8225 8th Ed.	1410 - 07/09/24	MR
SPECIFIC GRAVITY	1.000					ASTM D1298-99 (2005)	1125 - 07/10/24	MR
TEMPERATURE	22.8	°C				SM 2550 B-2000	1125 - 07/10/24	MR
pH	7.07	SU				EPA 150.1	1040 - 07/03/24	MR

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SEP 19 2024

INJECTION AND MINING DIVISION

*The above results relate only to the items tested.
*Test reports meet all requirements of LAC 33:I
*This test report shall not be reproduced except in full, without the written approval of the laboratory.

Approval: R. Scott Martin

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U – Analyte not on current Scope of Accreditation
A - Analyte detected in the associated method blank
B - Estimated value between the detection limit and the reporting limit
C - Estimated value exceeds the calibration curve
D - Surrogate recovery outside advisable QC limits

TNTC - Too numerous to count
E - Surrogate recovery unreportable due to dilution
F - Matrix interference
G - Method specific criteria not met
H - Some of the QC was outside the normal range

01

Attachment 2E

G.S.E.L.

Gulf States Environmental Laboratories
222 Spring St.
Shreveport, LA 71101

(318)220-9067 or (800)256-6110
(318)221-3296(FAX)
www.gulfstateslab.com

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Company: Raines & Associates LLC

Address 415 Braemar Rd.
Shreveport, LA 71106

Attention: Bobby Raines
P.O. #:
Phone #: 318-218-7945
Cell
E-mail: bobbyrainesjr@gmail.com

G.S.E.L. #: 129998

Sampler: Raines Project Name: Brickyard Trucking SWD No. 3 Location: Conly Water Well

Sample	Grab Sample: Date	Grab Sample: Time	Composite Sample: start Date end	Composite Sample: start Time end	Matrix: Solid	Soil	Sludge	Liquid	Water	Preservative: HCL	HNO_3	H_2SO_4	Ice	NaOH/ASC NaOH/ZnAc	Cont.: Plastic	Glass	Number of Containers	Requested Analysis: Cl	TDS	Specofic Gravity	Temperature	pH
Conly Water Well BYT3	7/2/24	1430							✓				✓		✓		1	✓	✓	✓	✓	✓

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pH: ______ SU Flow: ______ GPD Res. Cl: ______ Temp.: ______

Relinquished By: [signature]	Date: 7/3/2024	Time: 1024
Received By:	Date:	Time:
Relinquished/Received By:	Date:	Time:
Received By Laboratory: [signature]	Date: 2-3-24	Time: 10:24

Page: 1 of 1

Remarks

Location of Conly water well on ~~West side of LA 79~~

N 32° 22' 12.4392"

W 93° 12' 54.6408"

Attachment 2E

Gulf States Environmental Laboratories

222 Spring Street; Shreveport, LA 71101 Phone: (318) 220-9067 Fax: (318) 221-3296
LELAP Certification No.: 02083

SAMPLE RECEIPT FORM

Client: Raines & Associates GSEL# 129998

Received By/Date and Time: CD 7-3-24 1024

Sample Brought in By: Client ✓ GSEL____ Other____

Temperature: 6.4 °C Thermometer ID: IR-3

Logged in By: [signature]

1. Shipping container/cooler arrive in good condition?	Yes ✓	No____	Not Present____
2. Was sufficient ice used? (*See **Note** below)	Yes ✓	No____	Not Required____
3. Were custody seals intact on sample bottles?	Yes ✓	No____	Not Present____
4. Were custody papers (Chain of Custody) with samples?	Yes ✓	No____	
5. Were custody papers properly filled out?	Yes ✓	No____	Not Present____
6. Were custody papers signed by the client and the lab?	Yes ✓	No____	
7. Were samples collected in containers provided by GSEL?	Yes ✓	No____	
8. Did all sample containers arrive in good condition?	Yes ✓	No____	
9. Were all container labels complete?	Yes ✓	No____	
10. Did all container labels agree with custody papers?	Yes ✓	No____	
11. Was sufficient sample sent for requested analysis?	Yes ✓	No____	
12. Were all samples received within holding times?	Yes ✓	No____	
13. Do VOA vials have zero headspace?	Yes____	No____	None Received ✓
14. Was preservation checked upon receipt?	Yes ✓	No____	Initials CD
*VOA preservation checked after sample analysis.			
*Oil and Grease and TOC checked during sample analysis.			
15. Was the correct preservative used?	Yes ✓	No____	

Issues/Discrepancies:

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SEP 19 2024

Person contacted about Issues/Discrepancies:

INJECTION AND MINING DIVISION

Instructions:

*Note: In accordance with 40CFR Title 33:1 and TNI Standards samples that are delivered to the laboratory on the same day as collection may not meet the requirements of the temperature being at or below 6°C. In these cases, the samples shall be considered acceptable if the samples were received on ice and the cooling process has begun.

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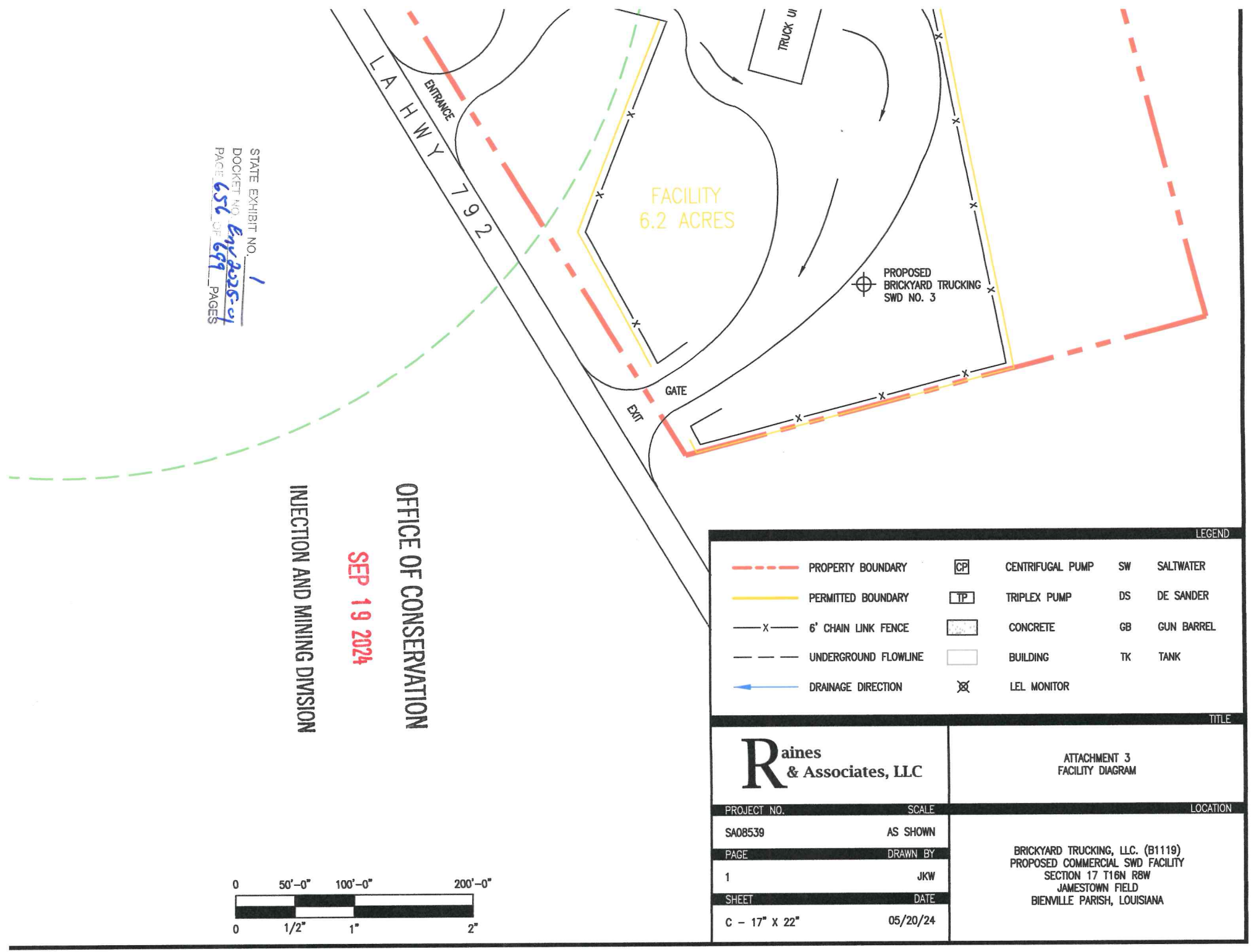

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DOCKET NO. Enf2023-01
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SEP 19 2024
INJECTION AND MINING DIVISION

0 50'-0" 100'-0" 200'-0"
0 1/2" 1" 2"

LEGEND

PROPERTY BOUNDARY	CP	CENTRIFUGAL PUMP	SW	SALTWATER
PERMITTED BOUNDARY	TP	TRIPLEX PUMP	DS	DE SANDER
6' CHAIN LINK FENCE		CONCRETE	GB	GUN BARREL
UNDERGROUND FLOWLINE		BUILDING	TK	TANK
DRAINAGE DIRECTION		LEL MONITOR		

TITLE

Raines & Associates, LLC

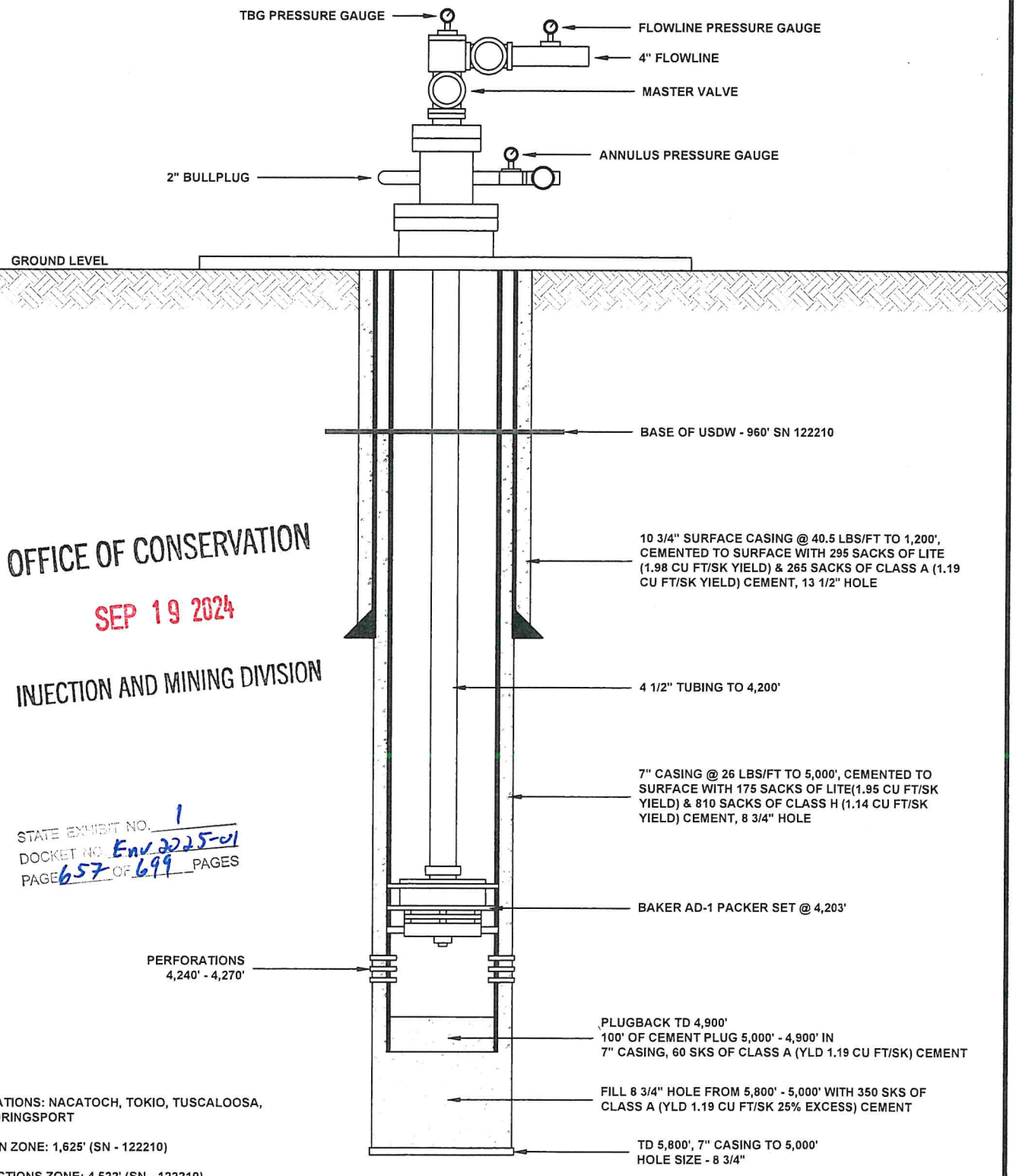
ATTACHMENT 3
FACILITY DIAGRAM

PROJECT NO.	SCALE
SA08539	AS SHOWN
PAGE	DRAWN BY
1	JKW
SHEET	DATE
C – 17" X 22"	05/20/24

LOCATION

BRICKYARD TRUCKING, LLC. (B1119)
PROPOSED COMMERCIAL SWD FACILITY
SECTION 17 T16N R8W
JAMESTOWN FIELD
BIENVILLE PARISH, LOUISIANA

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 003
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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INJECTION AND MINING DIVISION

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DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

BOTTOM OF INJECTIONS ZONE: 4,522' (SN - 122210)

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 003.dwg

Raines & Associates, LLC	PROJECT NO.	SCALE	LOCATION	TITLE
	SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 003 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 003 PROPOSED WELL SCHEMATIC DIAGRAM
	PAGE	DRAWN BY		
	1	JKW		
	SHEET	DATE		
	A - 8.5 X 11	03/12/24		

COPY

45369

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FEB 04 2025

INJECTION AND MINING DIVISION

Brickyard Trucking, LLC (B1119)
Brickyard Trucking SWD NO. 003, New Well
Section 17, Township 16 North, Range 8 West
Jamestown Field (4738)
Bienville Parish, Louisiana

WORK PROGNOSIS

1. Notify Louisiana Department of Natural Resources prior to spud and 24 hours prior to cementing all casing strings.

2. Install location sign - make sure sign is in compliance with Louisiana Department of Natural Resources regulations and denotes the well to be an SWD.

3. Move in rig and equipment and rig up.

4. RIH with 13 1/2 in. bit drilling to 1200 ft. Circulate and condition hole.

5. Run 10 3/4 in. surface casing, 40.5 lbs/ft. to 1200 ft. and cement to surface with 295 sacks Lite (Yld 1.98 cu.ft./Sack, (100% excess)) and 265 sacks of Class A (Yld 1.19 cu.ft./Sack (100% excess)). WOC 12 hrs. Pressure test casing to a minimum of 1000 psi with not more than 5% loss in pressure in a 30-minute time period to determine casing integrity. Complete and sign Form CSG-T, submit originals upon completion of well (IMD requires the original).

6. Install and Test BOP according to Injection and Mining regulations; LAC 43: XIX.111.A and LAC 43: XIX.111.C.

7. RIH with 8 3/4 in. bit drilling to 5800 ft. Circulate and condition hole. R/U Wireline and run open hole w/triple combo log (GR/SP/RES) from TD through Surface Casing Shoe. Shoot Percussion Sidewall Cores in Proposed Injection Intervals (Optional).

8. Go in hole with drill pipe and spot cement plug in 8 3/4" hole from 5800 ft. to 5000 ft. with 350 sacks of Class A (Yld 1.19 cu.ft./Sack (25% excess)). WOC 12 hrs. Run in hole with drill pipe and tag cement plug.

9. Run 7 in. longstring casing, 26 lbs/ft. to 5000 ft. and cement to surface with 175 sacks 60:40 Lite cement (Yld 1.95 cu.ft./Sack) and 810 sacks Premium Class H cement (Yld 1.14 cu.ft./Sack (35% excess)). Spot 100' cement in 7" casing, 60 sacks of Class A cement (Yld 1.19 cu.ft./Sack) PBTD-4900 ft. WOC 12 hrs. Pressure test casing to a minimum of 1000 psi with not more than 5% loss in pressure in a 30-minute time period to determine casing integrity. Complete and sign Form CSG-T, submit originals upon completion of well (IMD requires the original).

10. Run CBL/VDL/GR from total depth to surface casing. Evaluate cement bond log for possible squeezes. The log must show a minimum of 11 continuous feet of not less than 60% bonded cement (less than 7.5 millivolts) set across from the first isolating shale immediately above the top of the proposed injection zone and must show evidence of cement below the bottom of the injection zone. The CBL will be submitted to Injection and Mining, Engineering Department prior to perforating and setting the packer in the well to verify adequate cement isolation. If no

Gulf States Environmental Laboratories

222 Spring St. Shreveport, La. 71101 · 800-256-6110 · 318-220-9067 · Fax 318-221-3296
LELAP CERTIFICATION # 02082

Client: RAINES & ASSOCIATES LLC
415 BRAEMAR RD.
SHREVEPORT, LA 71106

Report Date:	07/11/24
Sample ID:	SN 252606 BYT 3
Project Name:	BRICKYARD TRUCKING SWD NO. 3
Location:	SN 252606 BYT3
Collected By:	CLIENT
Time/Date Collected:	1320 07/02/24
Date Received:	07/03/24

ANALYTICAL RESULTS

GSEL ID#: 129995

GENERAL CHEMISTRY

Sample Matrix: WATER

Analyte:	Result	Units	Qualifier	Reporting Limit	Dil. Factor	Method	Time/Date Analyzed	Analyst
TDS	147,040	mg/L		10.0		SM 2540 C-2011	1450 - 07/09/24	KS
CHLORIDE	76,650	mg/L		500	100	HACH 8225 8th Ed.	1012 - 07/09/24	MR
SPECIFIC GRAVITY	1.075					ASTM D1298-99 (2005)	1125 - 07/10/24	MR
TEMPERATURE	22.8	°C				SM 2550 B-2000	1125 - 07/10/24	MR
pH	5.58	SU				EPA 150.1	1034 - 07/03/24	MR

*The above results relate only to the items tested.
*Test reports meet all requirements of LAC 33:I
*This test report shall not be reproduced except in full, without the written approval of the laboratory.

Approval: R Scott Hooten

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U – Analyte not on current Scope of Accreditation
A - Analyte detected in the associated method blank
B - Estimated value between the detection limit and the reporting limit
C - Estimated value exceeds the calibration curve
D - Surrogate recovery outside advisable QC limits

TNTC - Too numerous to count
E - Surrogate recovery unreportable due to dilution
F - Matrix interference
G - Method specific criteria not met
H - Some of the QC was outside the normal range

01

Attachment No. 5

Gulf States Environmental Laboratories
222 Spring St.
Shreveport, LA 71101

(318)220-9067 or (800)256-6110
(318)221-3296(FAX)
www.gulfstateslab.com

G.S.E.L.

Company: Raines & Associates LLC

Address 415 Braemar Rd.
Shreveport, LA 71106

Attention: Bobby Raines
P.O. #:
Phone #: 318-218-7945
Cell
E-mail: bobbyrainesjr@gmail.com

G.S.E.L. #: 129995 Sampler: Raines Project Name: Brickyard Trucking SWD No. 3 Location: SN 252606 BYT 3

Sample	Grab Sample Date	Grab Sample Time	Composite Sample start Date	Composite Sample Date end	Composite Sample start Time	Composite Sample Time end	Matrix: Solid	Soil	Sludge	Liquid	Water	Preservative: HCL	HNO_3	H_2SO_4	Ice	NaOH/ASC	NaOH/ZnAc	Cont.: Plastic	Glass	Number of Containers	Requested Analysis: Cl	TDS	Specofic Gravity	Temperature	pH
SN 252606 BYT 3	7/2/24	1320									✓				✓			✓		2	✓	✓	✓	✓	✓

pH: ____ SU Flow: ____ GPD Res. Cl: ____ Temp.: ____

		Date:	Time:
Relinquished By:	[signature]	7/3/2024	1024
Received By:			
Relinquished/Received By:			
Received By Laboratory:	[signature]	7-3-24	10:24

Page: 1 of 1

Remarks
water sample collected from saltwater tank on Aethon - Harasuw Moore 16-21 HC-002 Alt "production water"
SN 252606

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INJECTION AND MINING DIVISION

Attachment No. 5

Gulf States Environmental Laboratories

222 Spring Street; Shreveport, LA 71101 Phone: (318) 220-9067 Fax: (318) 221-3296
LELAP Certification No.: 02083

SAMPLE RECEIPT FORM

Client: Rawes & Associates GSEL# 129995

Received By/Date and Time: CO 7-3-24 10:29

Sample Brought in By: Client ✓ GSEL____ Other____

Temperature: 5.9 °C Thermometer ID: IR-3

Logged in By: C Clark

1. Shipping container/cooler arrive in good condition?	Yes ✓	No____	Not Present____
2. Was sufficient ice used? (*See **Note** below)	Yes ✓	No____	Not Required____
3. Were custody seals intact on sample bottles?	Yes ✓	No____	Not Present____
4. Were custody papers (Chain of Custody) with samples?	Yes ✓	No____	
5. Were custody papers properly filled out?	Yes ✓	No____	Not Present____
6. Were custody papers signed by the client and the lab?	Yes ✓	No____	
7. Were samples collected in containers provided by GSEL?	Yes ✓	No____	
8. Did all sample containers arrive in good condition?	Yes ✓	No____	
9. Were all container labels complete?	Yes ✓	No____	
10. Did all container labels agree with custody papers?	Yes ✓	No____	
11. Was sufficient sample sent for requested analysis?	Yes ✓	No____	
12. Were all samples received within holding times?	Yes ✓	No____	
13. Do VOA vials have zero headspace?	Yes____	No____	None Received ✓
14. Was preservation checked upon receipt?	Yes ✓	No____	Initials CO
*VOA preservation checked after sample analysis.			
*Oil and Grease and TOC checked during sample analysis.			
15. Was the correct preservative used?	Yes ✓	No____	

Issues/Discrepancies:

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Person contacted about Issues/Discrepancies: SEP 19 2024

Instructions: INJECTION AND MINING DIVISION

***Note:** In accordance with 40CFR Title 33:1 and TNI Standards samples that are delivered to the laboratory on the same day as collection may not meet the requirements of the temperature being at or below 6°C. In these cases, the samples shall be considered acceptable if the samples were received on ice and the cooling process has begun.

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03

Attachment No. 5

MASIP CALCULATION REQUEST

(Check the box next to the appropriate request and complete the requested information.)

☑ The applicant requests to calculate the Maximum Authorized Surface Injection Pressure (MASIP) **based on the fracture gradient of the injection formation**. As described in Intra-Office Policy Statement No. IMD 1999-03, the MASIP will be calculated not to exceed 90% of the calculated fracture pressure of the injection zone based on Eaton's Correlation of 9 ppg formation fluid. The following information has been provided:

- The specific gravity of the injection fluid is 1.075, as reported in Attachment 6 - Fluid Source Analyses.
- The top of the proposed perforations is 4240 feet, as given in Item No. 21 of the Form UIC-2 SWD application.
- An area of review of **one-quarter (¼) mile** (1,320 feet) has been conducted and all of the wells located within the radius have been identified in Attachment 2B. Each well in the AOR will be evaluated for deficiencies. If deficiencies exist, the well(s) will be properly plugged and abandoned or remediated using another approved corrective action to protect the USDW.

The signature provided at the bottom of this page certifies the applicant understands this requirement.

☐ The applicant requests to calculate the MASIP **based on the fracture gradient of the confining formation**. As described in Intra-Office Policy Statement No. IMD-GS-09, the MASIP will be calculated by limiting the pressure at the depth of injection to 75% the pressure needed to fracture the confining formation. The following information has been provided:

- The specific gravity of the injection fluid is, _____, as reported in the fluid source analyses (Attachment 6).
- The top of the proposed perforations, _____ feet, as given in Item No. 21 of the Form UIC-2 SWD application.
- The geomechanical data of the confining zone above the proposed injection zone ☐ has been or ☐ will be derived from one of the following methods:

OFFICE OF CONSERVATION

  - ☐ Subsurface acquisition and testing of the confining beds,
  - ☐ Wireline logging to generate mechanical properties,
  - ☐ Leak-off testing of the confining beds using fluid with timed velocity, or
  - ☐ Other acceptable procedure: _____

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INJECTION AND MINING DIVISION

  The results of the proposed procedure ☐ have been submitted as Attachment 7A, or ☐ will be submitted prior to issuance of a permit to inject for the proposed well.

- An area of review of **one-half (½) mile** (2,640 feet) has been conducted and all of the wells located within the radius have been identified in Attachment 2B. Each well in the AOR will be evaluated for deficiencies. If deficiencies exist, the well(s) will be properly plugged and abandoned or remediated using another approved corrective action to protect the USDW.
- The proposed top of the injection zone is approximately _____ feet from the base of the USDW. If the difference between the top of the proposed injection zone and the base of the USDW is less than 1,000 feet, then the MASIP will be based on a surface pressure gradient not to exceed 0.25 psi/ft, calculated with respect to the top of the proposed perforations or the top of the open-hole completion.
- The surface casing is set at least 100 feet below the base of the USDW.
- A groundwater monitoring plan has been submitted as Attachment 7B and includes all of the following provisions:
  - Installation of a monitoring well or wells that is screened or perforated at the base of the USDW.
  - Collection of fluid from the monitoring well or wells, which will be sampled by a third party and analyzed by a LDEQ, LELAP accredited laboratory on a quarterly basis for:
    - Chlorides
    - Total dissolved solids
    - BTEX
    - Specific gravity
    - Temperature
    - pH
  - Collection of a fluid level in the monitoring well or wells on a monthly basis.
  - Submission of a quarterly report, which includes all laboratory analytical data and fluid level measurements. The report will be submitted to the Injection and Mining Division within 30 days of the end of the quarter in which the sampling and measurements were performed. It is understood that failure to file reports or delinquent filings will result in enforcement actions.

The signature provided below certifies the applicant understands this requirement.

OPERATOR'S SIGNATURE

DATE 9/12/2024

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SEP 19 2024

INJECTION AND MINING DIVISION

Attachment No. 7-SN 122210

SCHLUMBERGER INDUCTION ELECTRICAL LOG

COUNTY BIENVILLE, LA.
FIELD or LOCATION WILDCAT SEC 17 T16N R8W
WELL R. T. LAWHON #1
COMPANY W. H. HUNT

COMPANY W. H. HUNT
Ser. # 122210
WELL R. T. LAWHON #1
FIELD WILDCAT
COUNTY BIENVILLE STATE LOUISIANA

LOCATION 2040'FNL 600'FWL
Sec. 17 Twp. 16N Rge. 8W

Other Services:
BSL, ML
HRD, FT (94)

Permanent Datum: BRADEN HEAD, Elev. 278.4
Log Measured From K.B., 11.6 Ft. Above Perm. Datum
Drilling Measured From SAME

Elev.: K.B. 290
D.F. 288
G.L. 277

RECEIVED
JAN 02 1968
LA. GEOLOGICAL SURVEY

Date	12-2-67				
Run No.	ONE				
Depth—Driller	6800				
Depth—Logger	6787				
Btm. Log Interval	6786				
Top Log Interval	855				
Casing—Driller	9 5/8@ 854	@	@	@	
Casing—Logger	855				
Bit Size	8 3/4				
Type Fluid in Hole	GEL BAR C.S.				
Dens. / Visc.	10.4 / 43				
pH / Fluid Loss	9.0 / 9.4 ml	ml	ml	ml	
Source of Sample	PIT				
R_m @ Meas. Temp.	1.2 @75 °F	@ °F	@ °F	@ °F	
R_{mf} @ Meas. Temp.	.36 @160 °F	@ °F	@ °F	@ °F	
R_{mc} @ Meas. Temp.	.90 @160 °F	@ °F	@ °F	@ °F	
Source: R_{mf} / R_{mc}	C / C				
R_m @ BHT	.55 @160 °F	@ °F	@ °F	@ °F	
Time Since Circ.	3 HRS				
Max. Rec. Temp.	160 °F	°F	°F	°F	
Equip. / Location	4575 / SHV				
Recorded By	GEREAU				
Witnessed By	BLINDERMAN,	NELSON			

CONDUCTIVITY
1000 0
6 — FF40 INDUCTION
2000 1000
3000

DEP

SPONTANEOUS-POTENTIAL
15 + / −

ATTACHMENT 7C / SERIAL NO. 122210 / PROJECT NO. SA08539
L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\122210_SWD No. 003.dwg

045569

Raines & Associates, LLC
415 Braemar Road
Shreveport, LA 71106
(318) 218-7945
bobbyrainesjr@gmail.com

BRICKYARD TRUCKING, LLC (B1119)

415 Texas Street, Suite 400
Shreveport, LA 71101
(318) 377-5755

Proposed
Closure Plan
& Cost Estimate

For
BRICKYARD TRUCKING, LLC (B1119)

BRICKYARD TRUCKING, LLC SWD FACILITY
Section 17, T16N – R8W
Jamestown Field, Bienville Parish, Louisiana

By
Robert B. Raines, Jr.
Raines & Associates, LLC
August 2024

Attachment 9

APPENDIX N – CLOSURE FUNDING

Closure plan and cost estimate {Section 519.C.14.(a)}

Brickyard Trucking, LLC will maintain a Surety Bond to be on file with the Office of Conservation to provide for adequate closure of the Brickyard Trucking, LLC Commercial SWD Wells and Facility.

Following is a description of the closure plan, cost estimate, and verification that these documents were provided by an independent professional consultant.

Draft documentation of closure funding {Section 519.C.14.(b)}

Following the closure plan, cost estimate, and verification is draft documentation of closure funding

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 001, NEW WELL
BIENVILLE PARISH, LOUISIANA

Plugging and Abandoning Procedure – Brickyard Trucking SWD NO. 001

1. Complete Form UIC-17 Injection Well Work Permit to Plug and Abandon (P & A) the Brickyard Trucking SWD No. 001, with attachments and fee, and submit to the Injection and Mining Division for approval.

2. Once Work Permit is approved, Contact Conservation Enforcement Specialist (CES) agent to witness plugging and abandoning procedure.

3. Move in workover rig and rig up. Install and Test Blowout Preventer (BOP). Record test.

4. Pressure test casing/tubing annulus. Bleed off pressure in both annulus and tubing. Use weighted fluid to kill well, if necessary.

5. Pull wellhead and surface equipment to remove injection string – (4 1/2" tubing). Release tension packer and pull 4 1/2" tubing and packer.

6. Run and set retainer with wireline unit at 6360'. Run 2 7/8 in. tubing and sting into retainer. Break down formation.

7. Squeeze perforations with 200 sacks of Class A cement or until locks up. Spot 200 ft. of cement on top of retainer (6360'-6160') with 40 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

8. Go in hole and tag cement. Pressure test to a minimum of 350 psi without more than 5% loss in pressure in a 30 min. period.

9. Pump 10#/gal mud on top of cement plug within wellbore.

10. Spot 600' cement plug from 1300'–700' with 110 sacks of Class A cement (Minimum of 100' inside and outside surface casing) 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

OFFICE OF CONSERVATION

11. Go in hole and tag cement. Pressure test plug to a minimum of 350 psi without more than 5% loss in pressure within a 30 min. period.

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12. Pump 10#/gal mud on top of cement plug in wellbore.

INJECTION AND MINING DIVISION

13. Spot 100' Class A cement plug from 105' – 5' with 20 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Run tremie pipe in surface casing (10 ¾") and long string casing (7") annulus and pump 50 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack down annulus.

14. Cut all casing 5' below ground surface. Weld ½" steel plate on each casing string. Weld serial number and P&A date on top of plate.

15. Cover steel plate with soil and remediate area, remove all equipment, and restore location.

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BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 002, NEW WELL
BIENVILLE PARISH, LOUISIANA

Plugging and Abandoning Procedure – Brickyard Trucking SWD NO. 002

1. Complete Form UIC-17 Injection Well Work Permit to Plug and Abandon (P & A) the Brickyard Trucking SWD No. 002, with attachments and fee, and submit to the Injection and Mining Division for approval.

2. Once Work Permit is approved, Contact Conservation Enforcement Specialist (CES) agent to witness plugging and abandoning procedure.

3. Move in workover rig and rig up. Install and Test Blowout Preventer (BOP). Record test.

4. Pressure test casing/tubing annulus. Bleed off pressure in both annulus and tubing. Use weighted fluid to kill well, if necessary.

5. Pull wellhead and surface equipment to remove injection string – (4 1/2" tubing). Release tension packer and pull 4 1/2" tubing and packer.

6. Run in hole and set retainer with wireline unit at 5480'. Run 2 7/8 in. tubing and sting into retainer. Break down formation.

7. Squeeze perforations with 200 sacks of Class A cement or until locks up. Spot 200 ft. of cement on top of retainer (5480'-5280') with 40 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

8. Go in hole and tag cement. Pressure test to a minimum of 350 psi without more than 5% loss in pressure in a 30 min. period.

9. Pump 10#/gal mud on top of cement plug within wellbore.

10. Spot 600' cement plug from 1300'–700' with 110 sacks of Class A cement (Minimum of 100' inside and outside surface casing) 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

11. Go in hole and tag cement. Pressure test plug to a minimum of 350 psi without more than 5% loss in pressure within a 30 min. period.

OFFICE OF CONSERVATION
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INJECTION AND MINING DIVISION

12. Pump 10#/gal mud on top of cement plug in wellbore.

13. Spot 100' Class A cement plug from 105' - 5' with 20 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Run tremie pipe in surface casing (10 ¾") and long string casing (7") annulus and pump 50 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack down annulus.

14. Cut all casing strings 5' below ground surface. Weld ½" steel plate on each casing string. Weld serial number and P&A date on top of plate.

15. Cover steel plate with soil and remediate area, remove all equipment, and restore location.

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BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 003, NEW WELL
BIENVILLE PARISH, LOUISIANA

Plugging and Abandoning Procedure – Brickyard Trucking SWD NO. 003

1. Complete Form UIC-17 Injection Well Work Permit to Plug and Abandon (P & A) the Brickyard Trucking SWD No. 003, with attachments and fee, and submit to the Injection and Mining Division for approval.

2. Once Work Permit is approved, Contact Conservation Enforcement Specialist (CES) agent to witness plugging and abandoning procedure.

3. Move in workover rig and rig up. Install and Test Blowout Preventer (BOP). Record test.

4. Pressure test casing/tubing annulus. Bleed off pressure in both annulus and tubing. Use weighted fluid to kill well if necessary.

5. Pull wellhead and surface equipment to remove injection string – (4 1/2" tubing). Release tension packer and pull 4 1/2" tubing and packer.

6. Run in hole and set retainer with wireline unit at 4200'. Run 2 7/8 in. tubing and sting into retainer. Break down formation.

7. Squeeze perforations with 200 sacks of Class A cement or until locks up. Spot 200 ft. of cement on top of retainer (4200'-4000') with 40 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

8. Go in hole and tag cement. Pressure test to a minimum of 350 psi without more than 5% loss in pressure in a 30 min. period.

9. Pump 10#/gal mud on top of cement plug within wellbore.

10. Spot 600' cement plug from 1300'–700' with 110 sacks of Class A cement (Minimum of 100' inside and outside surface casing) 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Wait 12 hours on cement.

OFFICE OF CONSERVATION

11. Go in hole and tag cement. Pressure test plug to a minimum of 350 psi without more than 5% loss in pressure within a 30 min. period.

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12. Pump 10#/gal mud on top of cement plug in wellbore.

INJECTION AND MINING DIVISION

13. Spot 100' Class A cement plug from 105' – 5' with 20 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack. Run tremie pipe in surface casing (10 ¾") and long string casing (7") annulus and pump 50 sacks of Class A cement, 15.6 lb./gallon, yield of 1.18 cu./ft./sack down annulus.

14. Cut all casing strings 5' below ground surface. Weld ½" steel plate on each casing string. Weld serial number and P&A date on top of plate.

15. Cover steel plate with soil and remediate area, remove all equipment, and restore location.

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BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 001
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Plug and Abandon – Brickyard Trucking SWD No. 001

1.	Mobilization of Equipment	$4,500.00
2.	Workover Rig, Equipment and Expenses (7 days at $4,000.00/day)	$28,000.00
3.	Supervisor (7 days at $1,400.00 per day)	$9,800.00
4.	Wireline services	$9,500.00
5.	Cementing Equipment and Services	$35,000.00
6.	Weighted mud between plugs	$5,500.00
7.	Vacuum truck services (4 days at $900.00 per day)	$3,600.00
8.	Backhoe	$850.00
9.	Welder	$800.00
Estimated Total to Plug and Abandon		**$97,550.00**

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 002
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Plug and Abandon – Brickyard Trucking SWD No. 002

1.	Mobilization of Equipment	$1,500.00
2.	Workover Rig, Equipment and Expenses (5 days at $4,000.00/day)	$20,000.00
3.	Supervisor (5 days at $1,400.00 per day)	$7,000.00
4.	Wireline services	$8,500.00
5.	Cementing Equipment and Services	$33,000.00
6.	Weighted mud between plugs	$5,500.00
7.	Vacuum truck services (3 days at $900.00 per day)	$2,700.00
8.	Backhoe	$850.00
9.	Welder	$800.00
Estimated Total to Plug and Abandon		**$79,850.00**

BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NO. 003
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Plug and Abandon – Brickyard Trucking SWD No. 003

1.	Mobilization of Equipment	$1,500.00
2.	Workover Rig, Equipment and Expenses (4 days at $4,000.00/day)	$16,000.00
3.	Supervisor (4 days at $1,400.00 per day)	$5,600.00
4.	Wireline services	$7,500.00
5.	Cementing Equipment and Services	$31,000.00
6.	Weighted mud between plugs	$4,500.00
7.	Vacuum truck services (3 days at $900.00 per day)	$2,700.00
8.	Backhoe	$850.00
9.	Welder	$800.00
Estimated Total to Plug and Abandon		**$70,450.00**

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BRICKYARD TRUCKING, LLC
BRICKYARD TRUCKING SWD NOS. 001, 002 and 003 - NEW WELLS
BIENVILLE PARISH, LOUISIANA

Closure Cost Estimate to Abandon Brickyard Trucking- Tank Battery & Facility

1.	Two (2) vacuum trucks to clean tanks (7 days at $1,800.00 per day)	$12,600.00
2.	Labor to clean tanks (7 days at $1,200.00 per day)	$8,400.00
3.	Disposal of 5,000 barrels of saltwater at $1.25 per barrel	$6,250.00
4.	Disposal of approximately 600 barrels of solids, tank bottoms at $25.00 per barrel	$15,000.00
5.	Transportation for disposal of solids	$3,000.00
6.	Dismantling and disposal of tanks and equipment	$6,300.00
7.	Demolition of concrete, retaining walls, and other materials related to site cleanup	$125,000.00
8.	Demolition and disposal or recycling of facility piping	$5,880.00
9.	Removal of lab and trailer	$4,000.00
10.	Backfill and level site and plant grass	$5,200.00
11.	Miscellaneous expenses	$6,000.00
Estimated Total of Closure of Tank Battery & Facility		**$197,630.00**

BRICKYARD TRUCKING, LLC
COMMERCIAL FACILITY CLOSURE COSTS
SECTION 17 – T16N – R8W
BIENVILLE PARISH, LOUISIANA

Summary Cost of Plugging and Abandoning Brickyard Trucking SWD Nos. 001, 002, 003 and Closure of Tank Battery & Facility

1. Estimated Total to Plug and Abandon Brickyard Trucking SWD No. 001 ..... $97,550.00
2. Estimated Total to Plug and Abandon Brickyard Trucking SWD No. 002 ..... $79,850.00
3. Estimated Total to Plug and Abandon Brickyard Trucking SWD No. 003 ..... $70,450.00
4. Estimated Total of Closure of Tank Battery & Facility $197,630.00
5. Supervision (15% of TB Facility Total) $29,644.50
6. Contingency (10%) $47,512.45

Total Estimated Cost to Plug and Abandon Well, Close Site and Remove Surface Equipment $522,636.95

If the site is approved, once in operation, the closure cost will be updated every year in accordance with LAC 43: XIX.513.C

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AFFIDAVIT OF INDEPENDENT PROFESSIONAL CONSULTANT

STATE OF LOUISIANA

PARISH OF CADDO

Robert B. Raines, Jr., being duly sworn, deposes and says:

I am a Member and a Professional Geologist for Raines & Associates, LLC, a Louisiana Limited Liability Company; and

This affidavit is being executed for the purpose of notifying the Louisiana Department of Energy Natural Resources certifying that the closure plan and cost estimate included within this application were provided by Raines & Associates, LLC, an independent professional consultant.

Robert B. Raines, Jr., Member

Sworn to before me this 17th day of September, 2024.

Tana Gros Walsh
Notary Public

Tana Gros Walsh
DeSoto Parish, Louisiana
Notary Public
Commission No. 66595
My Commission Expires At Death

Notary # _____

Notary Public in and for DeSoto Parish, Louisiana.

My commission expires At Death.

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

Address of agent signing this Affidavit:

Robert B. Raines, Jr., PG
Raines & Associates, LLC
415 Braemar Road
Shreveport, LA 71106

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Upon completion of the application process, the commissioner will set the amount of the required bond or irrevocable letter of credit in accordance with LAC 43: XIX.519.C.14b. The applicant will obtain the required bond or irrevocable letter of credit in that amount set by the commissioner. A draft irrevocable letter of credit and Surety Bond are attached.

DRAFT IRREVOCABLE LETTER OF CREDIT

Dear Sirs:

We hereby establish our Irrevocable Letter of Credit No. _____ in your favor, at the request and for the account of **Brickyard Trucking, LLC** up to the aggregate amount of (amount) available upon presentation by the Commissioner of Conservation, Office of Conservation, Department of Energy and Natural Resources, State of Louisiana on:

1. your sight draft, bearing reference to this letter of Credit No. _____; and

2. your signed statement reading as follows: "I certify that the amount of the draft is payable pursuant to regulation issued in accordance with the requirements of Louisiana R.S.30:1 et seq."

This letter of credit is effective as of _____, *20__*, and must be renewable on October 1, _20_____, and on each successive expiration date, unless at 120 days before the current expiration date, we notify both you and **Brickyard Trucking, LLC**. Documentation that the required closure bond or letter of credit has been renewed must be received by September 15th of each year, unless at least 120 days before the current expiration date, we notify both you and **Brickyard Trucking, LLC** by certified mail that we have decided not to extend this letter of credit beyond the current expiration date. In the event you are so notified, any unused portion of the credit shall be available upon presentation of your sight draft for 120 days after the date of receipt by both you and **Brickyard Trucking, LLC** as shown on the signed return receipts.

This letter is subject to the Uniform Customs and Practice for Documentary Credits (2007 Revision) fixed by the International Chamber of Commerce Brochure No. 600 ("UCP 600").

We hereby agree with you and negotiating banks or bankers that drafts drawn under and in compliance with the terms of this credit shall be duly honored on due presentation to the drawee.

NAME OF BANK

OFFICE OF CONSERVATION

By: 1) _____ 2) _____
NAME, TITLE NAME, TITLE

SEP 19 2024

SIGNATURE: _____ SIGNATURE: _____

INJECTION AND MINING DIVISION

DATE: _____ DATE: _____

(Note: Beneficiary is Office of Conservation, Department of Energy and Natural Resources, State of Louisiana.)

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STATE OF LOUISIANA
PARISH OF EAST BATON ROUGE

DRAFT SURETY BOND

FROM: BRICKYARD TRUCKING, LLC
AND
SURETY

TO: OFFICE OF CONSERVATION
DEPARTMENT OF ENERGY AND NATURAL RESOURCES
STATE OF LOUISIANA

THIS SURETY BOND is given by Brickyard Trucking, LLC, principal, and [surety name], Surety, to Office of Conservation, Department of Energy and Natural Resources, State of Louisiana, P.O. Box 94275, 70804 - 9275, pursuant to the following terms and conditions:

Principal and surety are bound to creditor in the sum of $[TBD] Dollars, for the payment of which principal and surety jointly and severally bind themselves, their successors, and assigns.

Principal has applied to Creditor to receive a permit or has in effect a permit issued by Creditor to operate a commercial facility, Site Code TBD, for the receipt, storage, treatment and/or disposal of exploration and production waste in BIENVILLE Parish, Louisiana pursuant to the provisions of LSA-R.S. 30:4(I)(10), and LAC43: XIX. Subpart 1. Chapter 5, Sections 513 and 567. Principal is required to provide bonding to ensure the adequate closure of such facility and this bond is issued for said purpose.

This obligation shall run continuously and shall remain in full force and effect until and unless the bond is canceled as provided herein or as otherwise provided by law.

Surety may cancel the bond only by sending notice of cancellation by certified mail to both Principal and Creditor. Cancellation cannot occur or be effective until 120 days after the date of receipt of notice of cancellation by both Principal and Creditor. Further, such notice of cancellation or cancellation shall not affect this surety bond in respect to any obligation which may have arisen prior thereto.

Surety shall become liable on this bond obligation, if and when Principal fails to perform his obligation to adequately close the facility as determined by Creditor after notice and in accordance with administrative procedures.

OFFICE OF CONSERVATION
SEP 13 2024
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Following such determinations, Creditors shall draw on the surety bond by requesting payment by certified mail, and Surety shall pay the amount thereof within 30 days of receipt of said demand. If payment is not made within said 30 days period Surety shall also be liable for legal interest from date of receipt of demand, 10% of principal and interest as attorney's fees and all court cost incurred to collect the obligation.

The amount of the bond liability is as expressed herein, but Principal and Surety take notice of the legal requirements for annual review of the closure bond amounts, which is based upon cost estimates for adequate closure. Following this review Creditor may increase, decrease, or allow the amount to remain the same. Upon notice from Creditor, if an increase is required, Principal shall cause the bond amount to be increased or shall otherwise provide the added security within 60 days after notice.

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I WITNESS WHEREOF, the principal and Surety have executed this surety bond at _____ on this _____ day of _____, 20____.

_____ _____
WITNESS PRINCIPAL

_____
WITNESS

_____ _____
WITNESS SURETY

_____
WITNESS

Approved, accepted and executed by Creditor at Baton Rouge, Louisiana this _____ day of _____, 20____.

_____ OFFICE OF CONSERVATION
WITNESS

_____ By: _____
WITNESS Commissioner of Conservation

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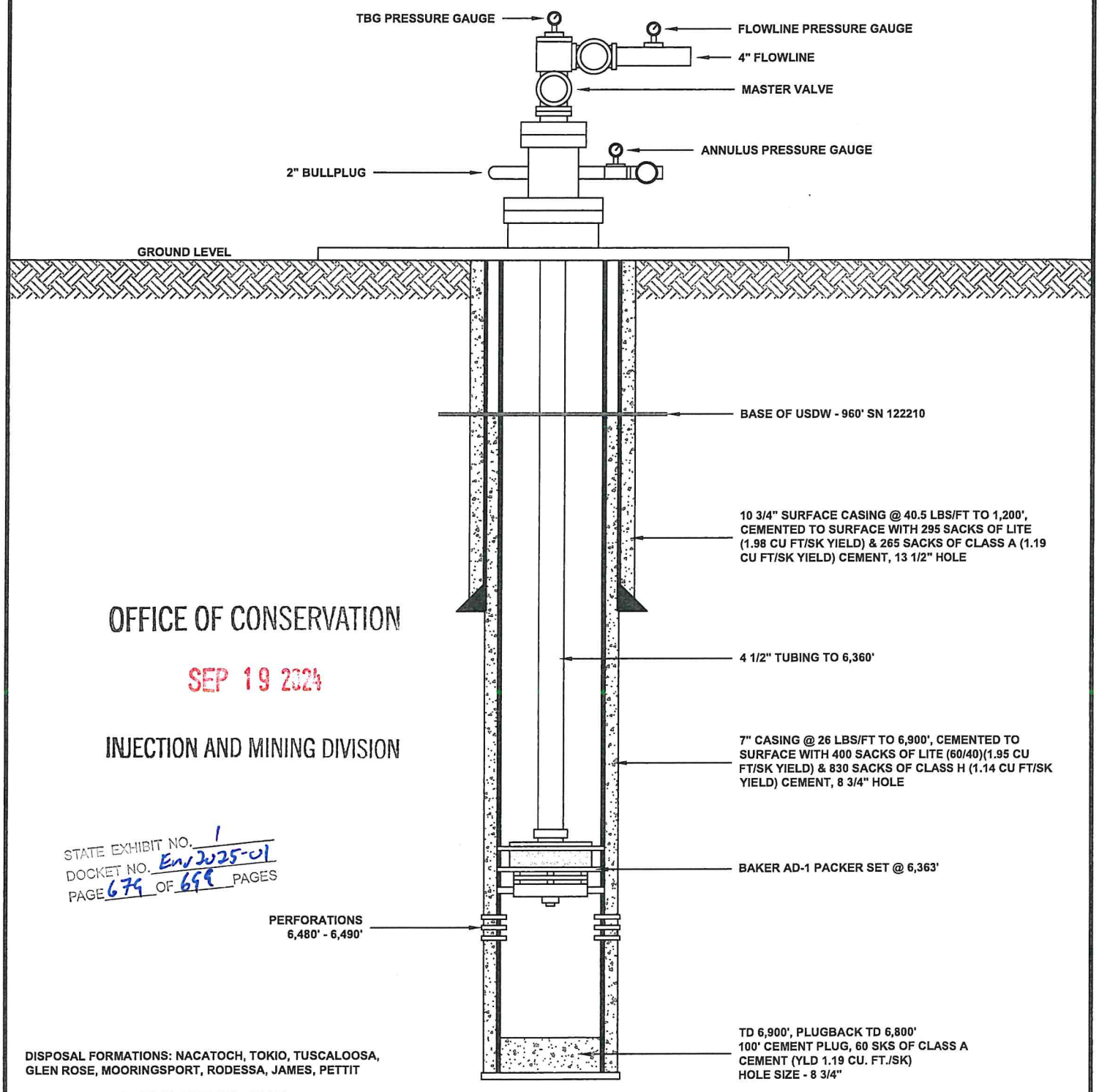
THIS DOCUMENT IS A DRAFT SURETY BOND

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 001
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT, RODESSA, JAMES, PETTIT

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

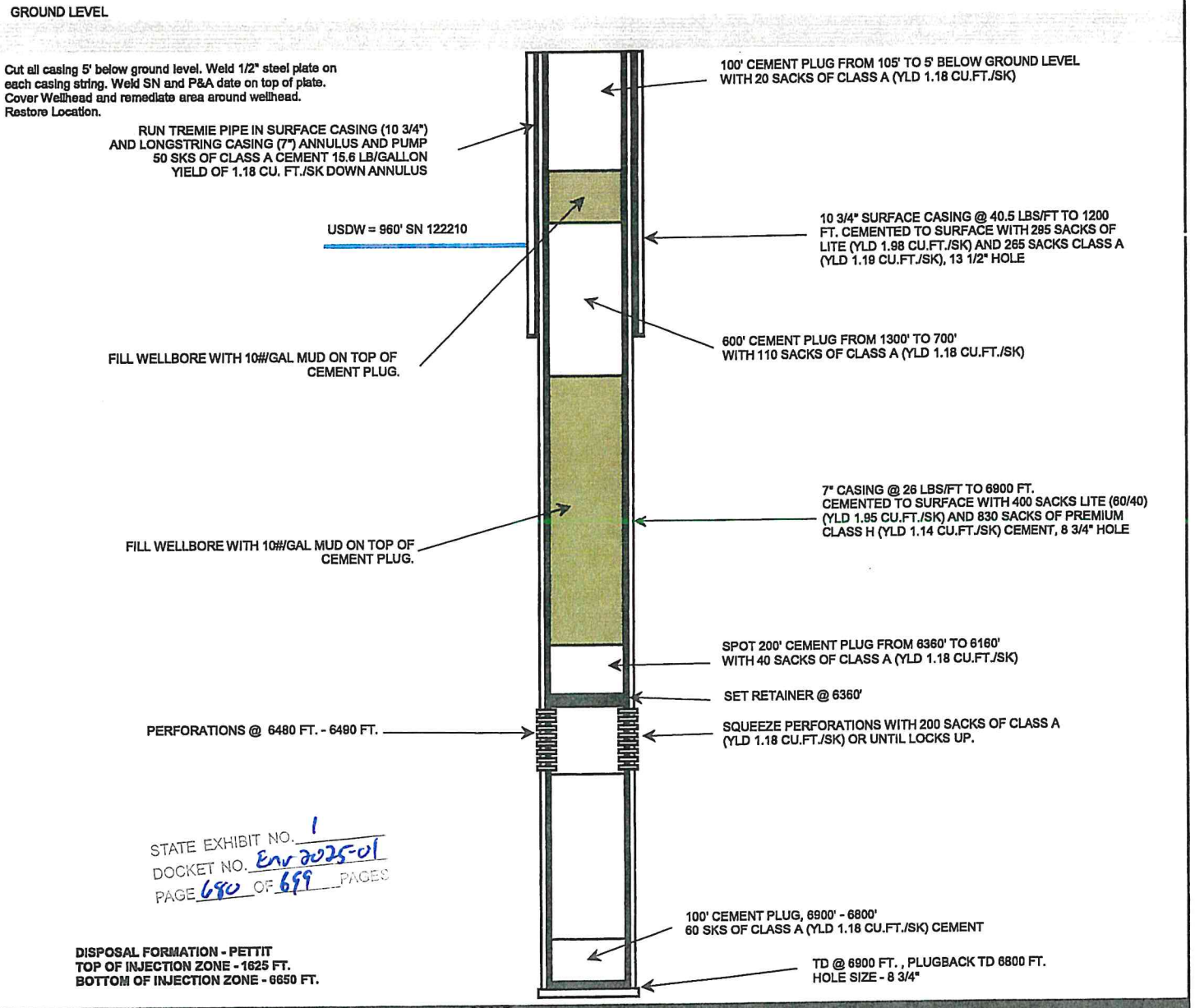
BOTTOM OF INJECTIONS ZONE: 6,650' (SN - 122210)

Attachment No. 9

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 001.dwg

Raines & Associates, LLC	PROJECT NO.	SCALE	LOCATION	TITLE
	SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 001 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 001 PROPOSED WELL SCHEMATIC DIAGRAM
	PAGE	DRAWN BY		
	1	JKW		
	SHEET	DATE		
	A - 8.5 X 11	03/12/24		

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 001
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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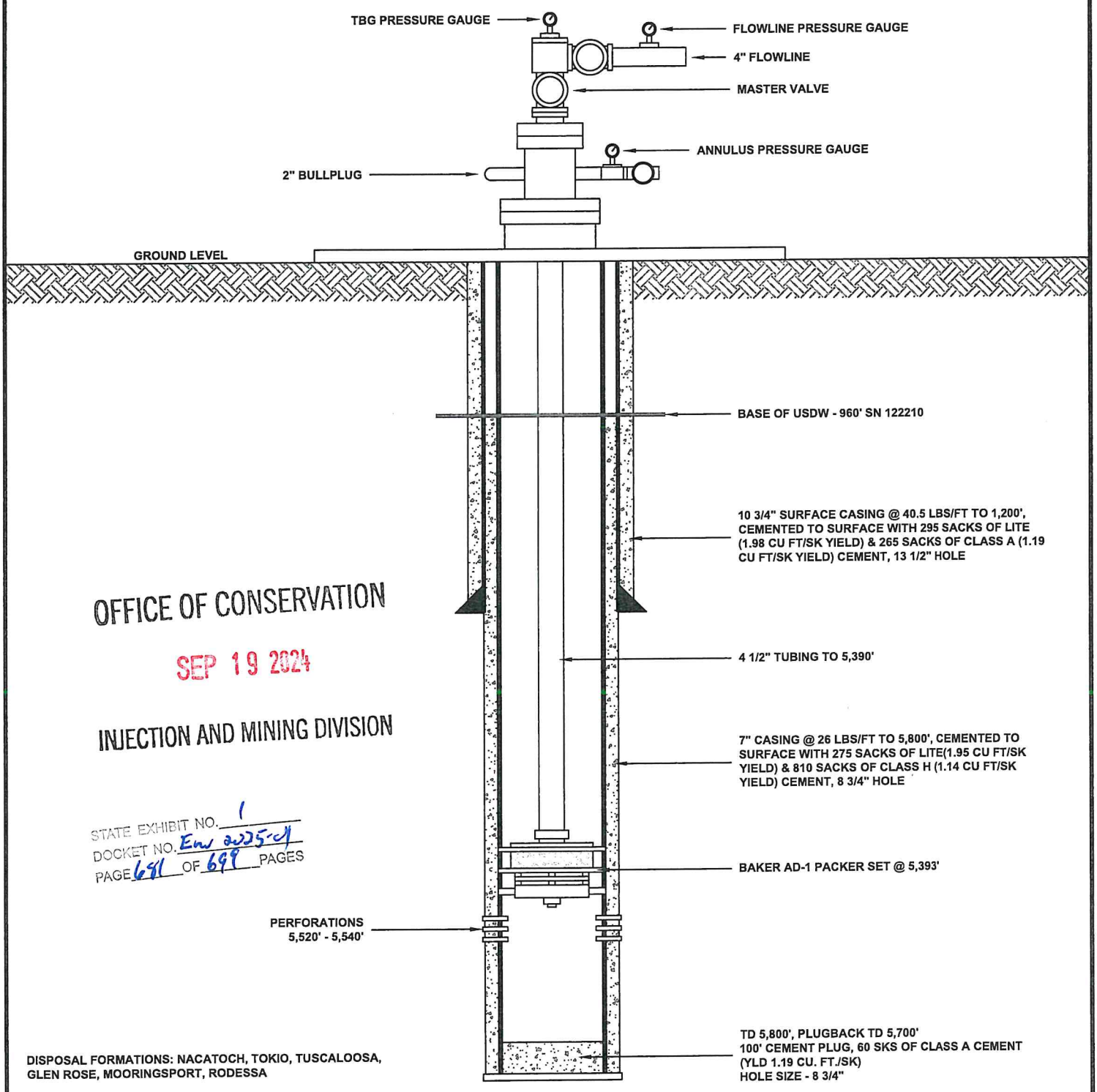
DISPOSAL FORMATION - PETTIT
TOP OF INJECTION ZONE - 1625 FT.
BOTTOM OF INJECTION ZONE - 6650 FT.

Raines & Associates, LLC.	PROJECT SA08539 / PAGE 1 / SHEET A	SCALE NTS / DRAWN BY JKW / DATE 08/08/24	BRICKYARD TRUCKING LLC (B1119) BRICKYARD TRUCKING SWD NO. 001 (PROPOSED) SECTION 17 TOWNSHIP 16 NORTH RANGE 8 WEST JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	APPENDIX N BRICKYARD TRUCKING SWD NO. 001 PROPOSED P&A SCHEMATIC DIAGRAM ATTACHMENT 9

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 002
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



OFFICE OF CONSERVATION

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INJECTION AND MINING DIVISION

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DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT, RODESSA

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

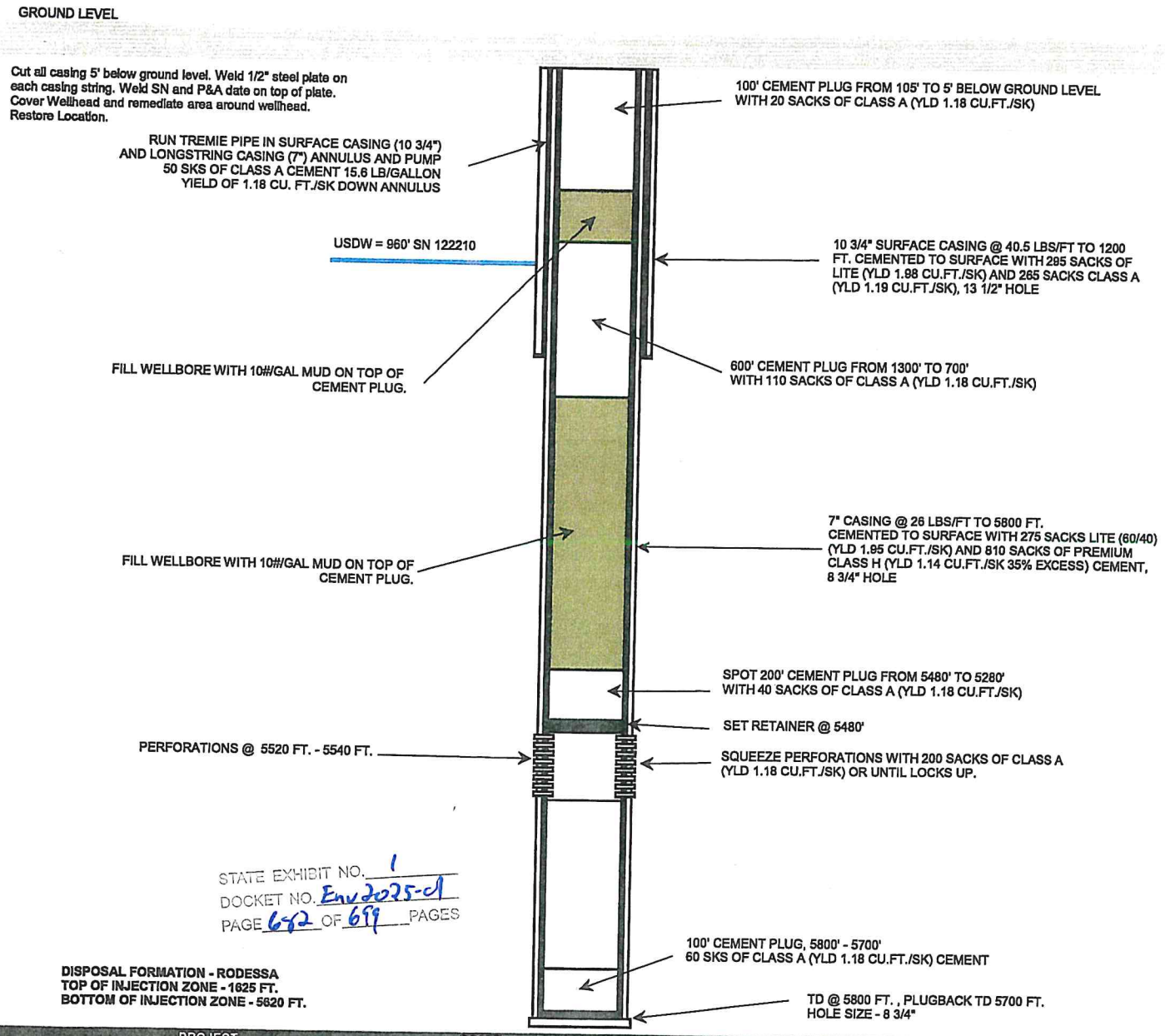
BOTTOM OF INJECTIONS ZONE: 5,620' (SN - 122210)

Attachment No. 9

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 002.dwg

Raines & Associates, LLC	PROJECT NO.	SCALE	LOCATION	TITLE
	SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 002 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 002 PROPOSED WELL SCHEMATIC DIAGRAM
	PAGE	DRAWN BY		
	1	JKW		
	SHEET	DATE		
	A - 8.5 X 11	03/12/24		

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 002
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



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DOCKET NO. Env 2025-01
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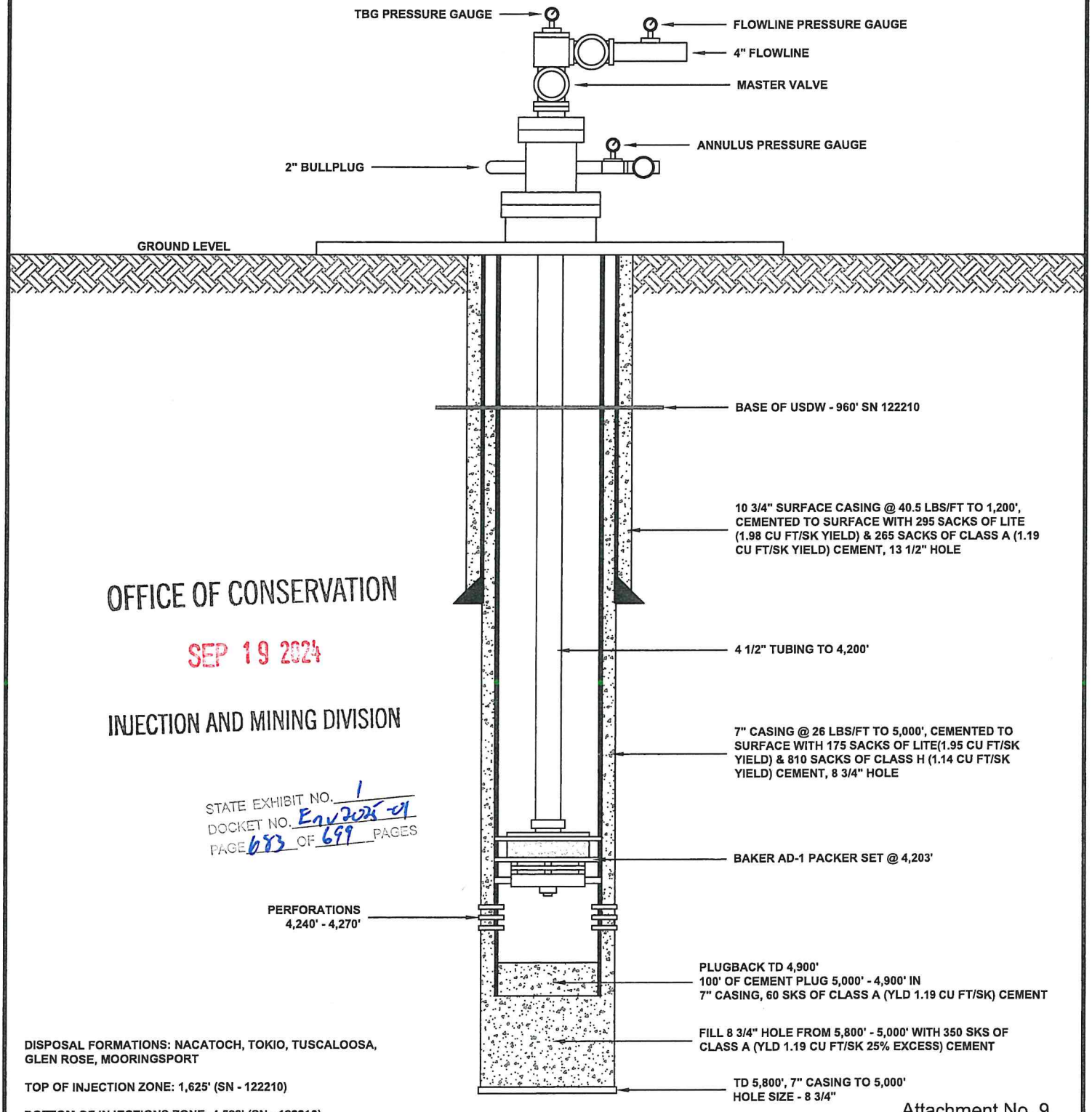
DISPOSAL FORMATION - RODESSA
TOP OF INJECTION ZONE - 1625 FT.
BOTTOM OF INJECTION ZONE - 5620 FT.

Raines & Associates, LLC.	PROJECT: SA08539	SCALE: NTS	BRICKYARD TRUCKING LLC (B1119) BRICKYARD TRUCKING SWD NO. 002 (PROPOSED) SECTION 17 TOWNSHIP 16 NORTH RANGE 8 WEST JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA
	PAGE: 1	DRAWN BY: JKW	
	SHEET: A	DATE: 08/08/24	

APPENDIX N
BRICKYARD TRUCKING SWD NO. 002
PROPOSED P&A
SCHEMATIC DIAGRAM
ATTACHMENT 9

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 003
NEW WELL
SECTION 17 T16N R8W
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



DISPOSAL FORMATIONS: NACATOCH, TOKIO, TUSCALOOSA, GLEN ROSE, MOORINGSPORT

TOP OF INJECTION ZONE: 1,625' (SN - 122210)

BOTTOM OF INJECTIONS ZONE: 4,522' (SN - 122210)

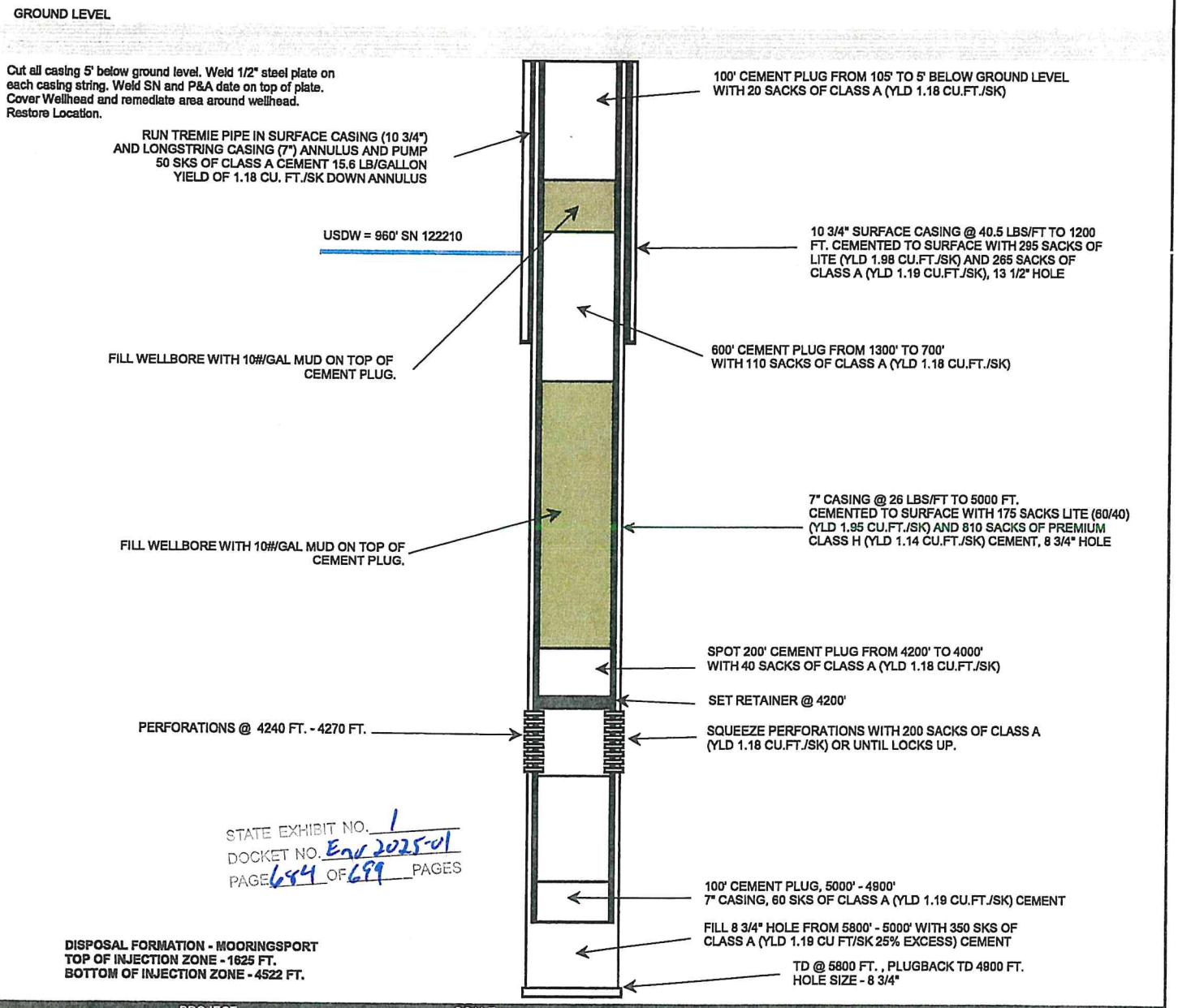
Attachment No. 9

L:\Drawings\2024\SA08539 Brickyard Trucking, LLC Comm SWD\SA08539 Attachment 4A - SWD No. 003.dwg

PROJECT NO.	SCALE	LOCATION	TITLE
SA08539	NTS	BRICKYARD TRUCKING, LLC (B1119) BRICKYARD TRUCKING SWD NO. 003 NEW WELL SECTION 17 T16N R8W JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	ATTACHMENT 4A BRICKYARD TRUCKING LLC. SWD NO. 003 PROPOSED WELL SCHEMATIC DIAGRAM
PAGE	DRAWN BY		
1	JKW		
SHEET	DATE		
A - 8.5 X 11	03/12/24		

Raines & Associates, LLC

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 003
SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST
JAMESTOWN FIELD (4738)
BIENVILLE PARISH, LOUISIANA



STATE EXHIBIT NO. 1
DOCKET NO. Enf 2025-01
PAGE 684 OF 699 PAGES

DISPOSAL FORMATION - MOORINGSPORT
TOP OF INJECTION ZONE - 1625 FT.
BOTTOM OF INJECTION ZONE - 4522 FT.

Raines & Associates, LLC.	PROJECT SA08539 / SCALE NTS PAGE 1 / DRAWN BY JKW SHEET A / DATE 08/08/24	BRICKYARD TRUCKING LLC (B1119) BRICKYARD TRUCKING SWD NO. 003 (PROPOSED) SECTION 17 TOWNSHIP 16 NORTH RANGE 8 WEST JAMESTOWN FIELD (4738) BIENVILLE PARISH, LOUISIANA	APPENDIX N BRICKYARD TRUCKING SWD NO. 003 PROPOSED P&A SCHEMATIC DIAGRAM ATTACHMENT 9

CAPITAL CITY PRESS

Publisher of
THE ADVOCATE

PROOF OF PUBLICATION

The hereto attached notice was published in THE ADVOCATE, a daily newspaper of general circulation published in Baton Rouge, Louisiana, and the Official Journal of the State of Louisiana, City of Baton Rouge, and Parish of East Baton Rouge or published daily in THE TIMES-PICAYUNE/THE NEW ORLEANS ADVOCATE, in New Orleans Louisiana or published daily in THE ACADIANA ADVOCATE in the following issues:

7/29/2024

Joy Newman, Public Notices Representative

Sworn and subscribed before me, by the person whose signature appears above

31 Jul 2024

M. Monic McChristian,

Notary Public ID#88293

State of Louisiana

My Commission Expires: Indefinite

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
PAGE 685 OF 699 PAGES

Ad No: 99537

RAINES & ASSOCIATES, LLC
415 Braemar Rd
Shreveport, LA 71106

Attachment No. 10 Public Notice

PUBLIC NOTICE

PUBLIC NOTICE
SWD WELL ASSOCIATED WITH OIL AND GAS PRODUCTION

In accordance with the laws of the State of Louisiana and the particular reference to the provisions of LA R.S.30:4, and the provisions of Statewide Order No. 29-B as amended and adopted by the Office of Conservation of the State of Louisiana,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

is applying to the Injection and Mining Division of the Office of Conservation for a permit to dispose of produced fluids generated from oil and gas production by means of an injection well, which is identified as

Brickyard Trucking SWD No. 003

with an injection interval at an approximate depth of 4240 feet to 4270 feet. The well location is

Section 17 - Township 16 North - Range 8 West Jamestown Field, Bienville Parish, Louisiana

All interested parties are hereby given an opportunity to submit written comments no later than fifteen (15) days from the date of this publication. Identify the well when corresponding. Direct comments to:

Office of Conservation
P.O. Box 94275
Baton Rouge, LA
70804-9275
Re: Comments for SWD Application

99537 July 29, 1t

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
PAGE 686 OF 699 PAGES

Attachment No. 10 Public Notice

AFFIDAVIT OF PUBLICATION

STATE OF LOUISIANA

Parish of Natchitoches

Before me, a Notary Public, personally came and appeared Carolyn Bynog who, being duly sworn, did depose and say that she/he is Bookkeeper of ***The Bienville Democrat***, *(A newspaper subsidiary of the Natchitoches Times)* a newspaper of general circulation in Bienville, Parish, LA did published the Public Notice No. 3 (an injection interval at an approximate depth of 4240 to 4270) at the request of Brickyard Trucking LLC, 415 Texas Street-400, Shreveport, LA 71101

(S)_____
Carolyn Bynog

And that as per attached, notice was published in said newspaper issue dated August 1, 2024.

SWORN AND SUBSCRIBED to before me this 11th day of AUGUST 2024

_____
Notary Public

KIM ADAMSON
NOTARY PUBLIC ID #60245
STATE OF LOUISIANA
COMMISSION IS FOR LIFE.

Kim Adamson
#60245

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
PAGE 687 OF 699 PAGES

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

Attachment No. 10
Public Notice

045569

PUBLIC NOTICE
SWD WELL
ASSOCIATED WITH
OIL AND GAS
PRODUCTION

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Section 17 - Township 16 North - Range 8 West
Jamestown Field, Bienville Parish, Louisiana

All interested parties are hereby given an opportunity to submit written comments no later than fifteen (15) days from the date of this publication. Identify the well when corresponding. Direct comments to:

Office of Conservation
P.O. Box 94275
Baton Rouge, LA 70804-9275

Re: Comments for SWD Application

1t. 08/01/24
#229-24

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
PAGE 688 OF 699 PAGES

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8/12/2024, 8/13/2024, 8/14/2024

Joy Newman, Public Notices Representative

Sworn and subscribed before me, by the person whose signature appears above

14 Aug 2024

M. Monic McChristian.

Notary Public ID#88293

State of Louisiana

My Commission Expires: Indefinite

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
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Ad No: 101125

Bobby Raines
RAINES & ASSOCIATES, LLC
415 Braemar Rd
Shreveport, LA 71106-8533

Appendix T
Notice of Intent

NOTICE OF INTENT

IN ACCORDANCE WITH THE LAWS OF THE STATE OF LOUISIANA AND THE RULES AND REGULATIONS OF THE DEPARTMENT OF ENERGY AND NATURAL RESOURCES, OFFICE OF CONSERVATION,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

IS HEREBY PUBLISHING A NOTICE OF INTENT TO FILE AN APPLICATION WITH THE COMMISSIONER OF THE OFFICE OF CONSERVATION, POST OFFICE BOX 94275, BATON ROUGE, LOUISIANA 70804-9275. SAID APPLICATION WILL REQUEST APPROVAL FROM THE ENVIRONMENTAL DIVISION TO CONSTRUCT AND OPERATE A COMMERCIAL DEEP WELL INJECTION WASTE DISPOSAL FACILITY FOR DISPOSAL OF EXPLORATION & PRODUCTION WASTE (E & P WASTE) FLUIDS.

THE PROPOSED FACILITY WILL BE LOCATED IN BIENVILLE PARISH, SECTION 17, TOWNSHIP 16 NORTH, RANGE 8 WEST, APPROXIMATELY 2.0 MILES NORTH OF JAMESTOWN, LOUISIANA.

APPLICANT INTENDS TO DISPOSE OF EXPLORATION AND PRODUCTION WASTE FLUIDS GENERATED FROM THE DRILLING AND PRODUCTION OF OIL AND GAS WELLS BY MEANS OF DEEP WELL INJECTION INTO THE SUBSURFACE AFTER INITIAL STORAGE IN TANKS.

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. ENV2025-01
PAGE 690 OF 699 PAGES

AFFIDAVIT OF PUBLICATION

STATE OF LOUISIANA

Parish of Natchitoches

Before me, a Notary Public, personally came and appeared Carolyn Bynog who, being duly sworn, did depose and say that she/he is Bookkeeper of ***The Bienville Democrat***, *(A newspaper subsidiary of the Natchitoches Times)* a newspaper of general circulation in Bienville, Parish, LA did published the notice of application to construct and operate a commercial deep well injection waste disposal facility for disposal of exploration and production waste fluids at the request of Brickyard Trucking, LLC, 415 Texas Street-Suite 400, Shreveport, LA 71101

(S) Carolyn Bynog

And that as per attached, notice was published in said newspaper issues dated July 25, 2023, August 1, 2024 and August 8, 2024.

SWORN AND SUBSCRIBED to before me this 11th day of AUGUST 2024

Notary Public

Kim Adamson
#60[illegible]

OFFICE OF CONSERVATION
STATE OF LOUISIANA
SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env 2025-01
PAGE 691 OF 699 PAGES

Appendix T
Notice of Intent

NOTICE OF INTENT

IN ACCORDANCE WITH THE LAWS OF THE STATE OF LOUISIANA AND THE RULES AND REGULATIONS OF THE DEPARTMENT OF ENERGY AND NATURAL RESOURCES, OFFICE OF CONSERVATION,

BRICKYARD TRUCKING, LLC (B1119)
415 TEXAS STREET, SUITE 400
SHREVEPORT, LA 71101
(318) 377-5755

IS HEREBY PUBLISHING A NOTICE OF INTENT TO FILE AN APPLICATION WITH THE COMMISSIONER OF THE OFFICE OF CONSERVATION, POST OFFICE BOX 94275, BATON ROUGE, LOUISIANA 70804-9275. SAID APPLICATION WILL REQUEST APPROVAL FROM THE ENVIRONMENTAL DIVISION TO CONSTRUCT AND OPERATE A COMMERCIAL DEEP WELL INJECTION WASTE DISPOSAL FACILITY FOR DISPOSAL OF EXPLORATION & PRODUCTION WASTE (E & P WASTE) FLUIDS.

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OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

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STATE EXHIBIT NO. 1
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Appendix T
Notice of Intent

3t. 07/25/24, 08/01/24, 08/08/24
#223-24

ALTEC
ENVIRONMENTAL CONSULTING, LLC

September 17, 2024

Louisiana Department of Energy and Natural Resources
Office of Conservation
Injection & Mining Division
P. O. Box 94275
Baton Rouge, LA 70804

RE: **Commercial SWD-New Drill**
Brickyard Trucking, LLC (B1119)
Brickyard Trucking SWD Nos. 001, 002 & 003
Jamestown Field (4738) / Bienville Parish, Louisiana

Dear Sir or Madam:

As per the Louisiana Department of Energy and Natural Resources – Injection & Mining Division requirements for PE and PG Certifications for Class II Commercial Saltwater Disposal Wells, the undersigned Registered Professional Engineer has overseen the preparation of the following engineering documents:

1. Attachment 4A – Proposed Wellbore Schematic for the Brickyard Trucking SWD Nos. 001, 002 & 003
2. Attachment 4B – Proposed Work Prognosis for the Brickyard Trucking SWD 001, 002 & 003
3. Attachment 9 – P&A Wellbore Schematic for the Brickyard Trucking SWD Nos. 001, 002 & 003
4. Attachment N 14 – Closure Funding for the Brickyard Trucking, LLC Facility.

I certify to the best of my knowledge that the calculations used within are reasonable and that the documents are accurate.

Sincerely,

Robert B. Raines, III P.E.
Vice-President

Enclosures

STATE OF LOUISIANA
ROBERT B RAINES III
License No. 34740
PROFESSIONAL ENGINEER
9/17/24

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
DOCKET NO. Env2025-01
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1111 Hawn Avenue • Shreveport, LA 71107 • Bus: (318) 687-3771 • Fax: (318) 687-9923

Raines & Associates, LLC

September 17, 2024

Louisiana Department of Energy and Natural Resources
Office of Conservation
Injection & Mining Division
P. O. Box 94275
Baton Rouge, LA 70804

RE: **Commercial SWD-New Drill**
Brickyard Trucking, LLC (B1119)
Brickyard Trucking SWD Nos. 001, 002, and 003
Jamestown Field (4738) / Bienville Parish, Louisiana

Dear Sir or Madam:

As per the Louisiana Department of Energy and Natural Resources – Injection & Mining Division requirements for PE and PG Certifications for Class II Commercial Saltwater Disposal Wells, the undersigned Registered Professional Geoscientist has overseen the preparation of the following geological documents:

1. Attachment 7 – Well Log with Underground Source of Drinking Water (USDW),

2. Attachment 7A - Top of Injection Zone (TOZ), Base of Injection Zone (BOZ), and Proposed Perforations marked for the Brickyard Trucking SWD Nos. 001, 002 & 003.

3. Attachment 8 – Geological Cross Sections – A-A' & B-B'.

I certify to the best of my knowledge that the depths used within are reasonable and that the documents are accurate.

Sincerely,

Robert B. Raines, Jr. PG (LA PG 433)
Professional Geoscientist

OFFICE OF CONSERVATION
SEP 19 2024
INJECTION AND MINING DIVISION

LOUISIANA BOARD OF PROFESSIONAL GEOSCIENTISTS
ROBERT B. RAINES, JR.
433
Est. 2011

9/17/2024

Enclosures

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DOCKET NO. Env 2025-01
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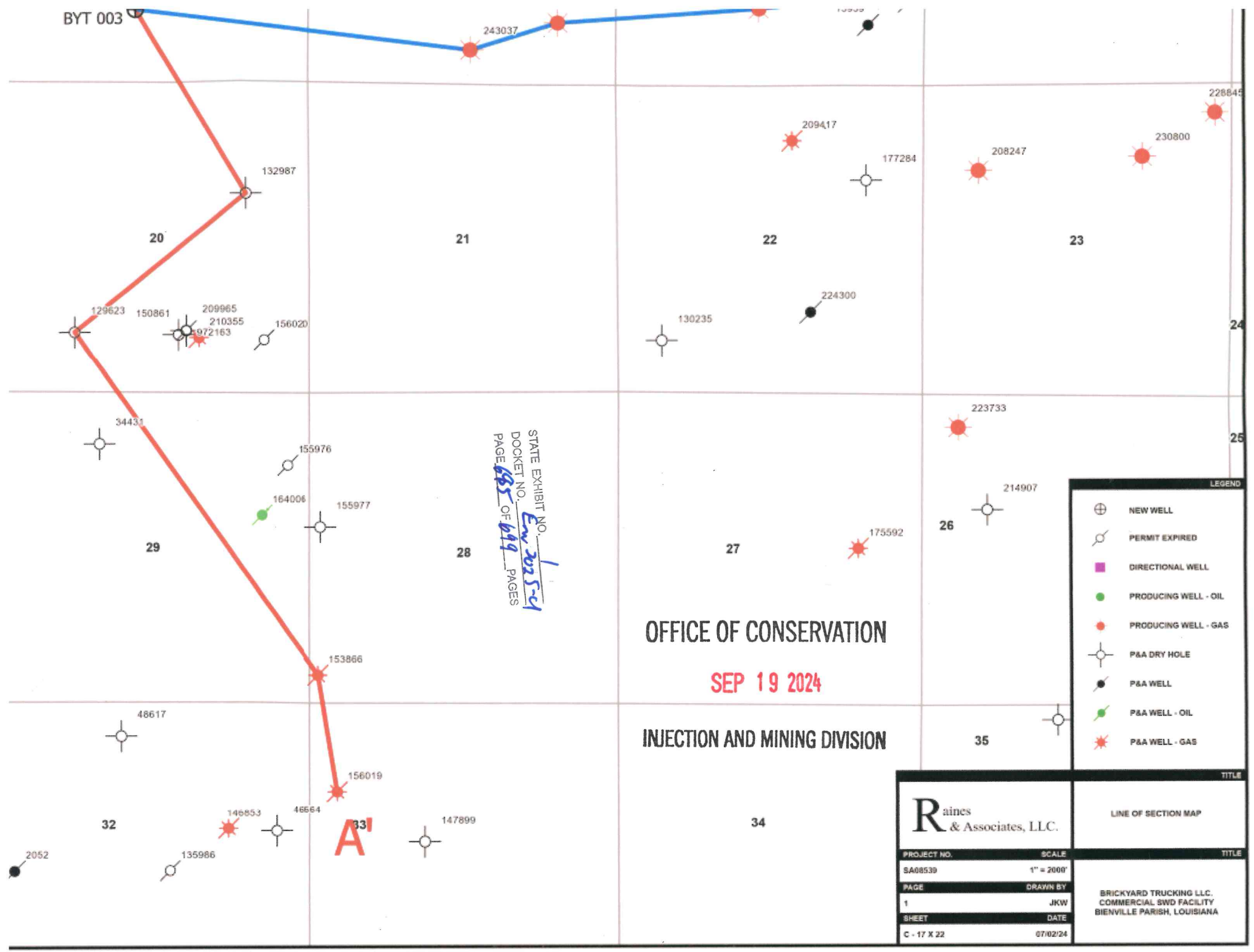
415 Braemar Road • Shreveport, LA 71106 • Bus: (318) 218-7945 • Email: bobbyrainesjr@gmail.com



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OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

LEGEND

- NEW WELL
- PERMIT EXPIRED
- DIRECTIONAL WELL
- PRODUCING WELL - OIL
- PRODUCING WELL - GAS
- P&A DRY HOLE
- P&A WELL
- P&A WELL - OIL
- P&A WELL - GAS

Raines & Associates, LLC.

TITLE: LINE OF SECTION MAP

PROJECT NO.	SCALE
SA08539	1" = 2000'
PAGE	DRAWN BY
1	JKW
SHEET	DATE
C - 17 X 22	07/02/24

TITLE: BRICKYARD TRUCKING LLC.
COMMERCIAL SWD FACILITY
BIENVILLE PARISH, LOUISIANA

STATE EXHIBIT NO. 1
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PAGE 696 OF 699 PAGES

DUAL INDUCTION-LATEROLOG
WITH LINEAR CORRELATION LOG

NY HUGGS, INC., ET AL
(RA SUB)
H. D. KILPATRICK ET AL
JAMESTOWN Sec. # 156194
Y BIENVILLE STATE LOUISIANA

1618' FROM NL & 632' FROM WL
NW SW NW

LOG	SEC	TWP	RANGE
	33	16N	8W

Other Services: FDC/CNL-GR

Elev.: 233.5
13.5 Ft. Above Perm. Datum

Elev.: K.B. 247.0
D.F. 246.5
G.L. 233.5

Department of Conservation
RECEIVED
SEP 18 1978
GEOLOGICAL SECTION

935
ATER
43.
94 ml ml ml ml
LATED
80 F F F F
82 F F F F
82 F F F F
T
171 F F F F
F F F F
SHV.
R. ROBINSON

2" 200'
1" 100'
1/2" 50'
0 0

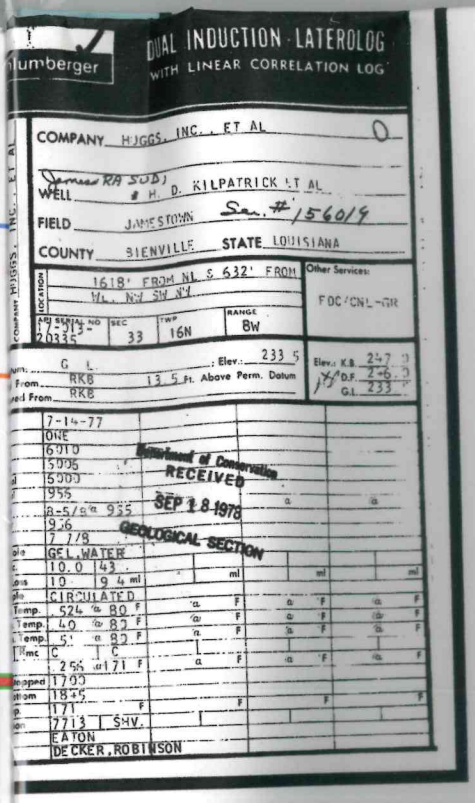
TVD/MD — TOTAL VERTI DEPTH/MEAS
NEW WELL
DRY & PLU
PLUGGED &
TOP OF ZO TOZ/BOZ
UPPER/LOW UCZ/LCZ
BASE OF US
TOP OF NA
TOP OF ANI
TOP OF TO
TOP OF TUS
PALEOCENE
GULF SERIE

Raines & Associates, LLC

STRUCTURAL GEOLOGIC CR
A (NORTH) TO A' (S
GEOLOGIST: ROBERT B

PROJECT NO.	SCALE
SA08539	VERTICAL SCALE 1" = 100'-0"
PAGE	DRAWN BY
1 OF 2	JKW
SHEET	DATE
36" X 76"	04/30/24

BRICKYARD TRUCKING, LL
BRICKYARD TRUCKING SWD NO.
NEW WELLS
SECTION 17 T16N
JAMESTOWN FIE
BIENVILLE PARISH, LO



OFFICE OF CONSERVATION

SEP 18 2024

INJECTION AND MINING DIVISION

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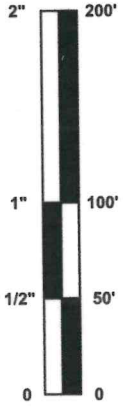


LEGEND

TVD/MD	TOTAL VERTICAL DEPTH/MEASURED DEPTH
⊕	NEW WELL
⊹	DRY & PLUGGED
●	PLUGGED & ABANDONED
	TOP OF ZONE/BOTTOM OF ZONE TOZ/BOZ
	UPPER/LOWER CONFINING ZONE UCZ/LCZ
	TOP OF GLEN ROSE
	TOP OF MOORINGSPORT
	TMA (TOP FERRY LAKE ANHYDRITE)
	BMA (BTM FERRY LAKE ANHYDRITE) TOP OF RODESSA
	TOP OF BEXAR
	TOP OF JAMES LIME
	TOP OF PINE ISLAND
	TOP OF SLIGO
	TOP OF PETTIT
	GULF SERIES
	COMANCHE SERIES
	NUEVO LEON SERIES

Raines & Associates, LLC

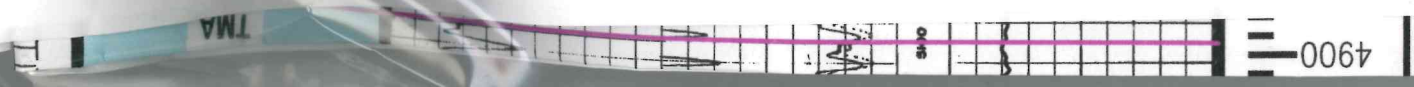
TITLE

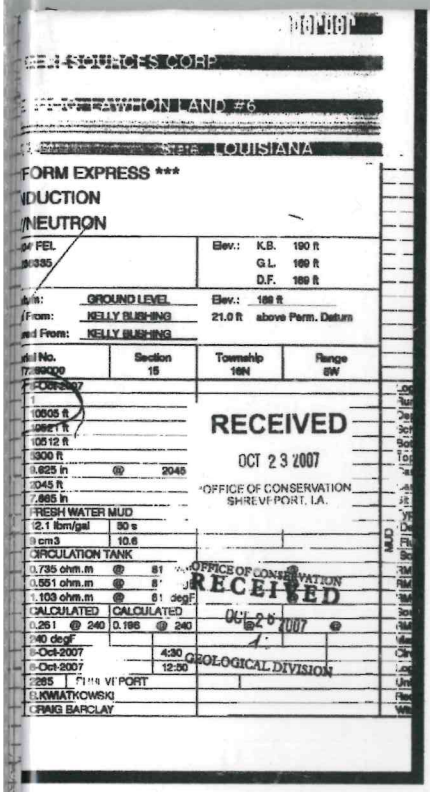
STRUCTURAL GEOLOGIC CROSS SECTION
A (NORTH) TO A' (SOUTH) – BOTTOM SECTION
GEOLOGIST: ROBERT B. RAINES

PROJECT NO.	SCALE
SA08539	VERTICAL SCALE 1" = 100'–0"
PAGE	DRAWN BY
2 OF 2	JKW
SHEET	DATE
36" X 76"	04/30/24

LOCATION

BRICKYARD TRUCKING, LLC (B1119)
BRICKYARD TRUCKING SWD NO. 001, 002, & 003
NEW WELLS
SECTION 17 T16N R8W
JAMESTOWN FIELD
BIENVILLE PARISH, LOUISIANA




RESOURCES CORP
LAWTON LAND #6
STATE LOUISIANA
FORM EXPRESS ***
INDUCTION
/NEUTRON
Elev.: K.B. 190 ft
G.L. 169 ft
D.F. 189 ft
GROUND LEVEL
Elev.: 169 ft
KELLY BUSHING
21.0 ft above Perm. Datum
KELLY BUSHING
Section 15
Township 16N
Range 8W
RECEIVED
OCT 23 2007
OFFICE OF CONSERVATION
SHREVEPORT, LA.
FRESH WATER MUD
CIRCULATION TANK
OFFICE OF CONSERVATION
RECEIVED
OCT 26 2007
GEOLOGICAL DIVISION
CRAIG BARCLAY

OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

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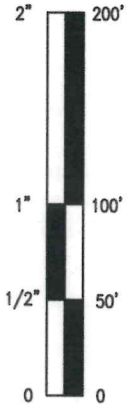

LEGEND

- TVD/MD — TOTAL VERTICAL DEPTH/MEASURED DEPTH
- NEW WELL
- DRY & PLUGGED
- SHUT-IN PRODUCTIVE – FUTURE UTILITY
- PRODUCING WELL – GAS & CONDENSATE
- TOP OF ZONE/BOTTOM OF ZONE TOZ/BOZ
- UPPER/LOWER CONFINING ZONE UCZ/LCZ
- BASE OF USDW
- TOP OF NACATOCH
- TOP OF ANNONA CHALK
- TOP OF TOKIO
- TOP OF TUSCALOOSA
- PALEOCENE SERIES
- GULF SERIES
- COMANCHE SERIES

Raines & Associates, LLC

TITLE

STRUCTURAL GEOLOGIC CROSS SECTION
B (WEST) TO B' (EAST)
GEOLOGIST: ROBERT B. RAINES

PROJECT NO.	SCALE
SA08539	VERTICAL SCALE 1" = 100'-0"
PAGE	DRAWN BY
1 OF 2	JKW
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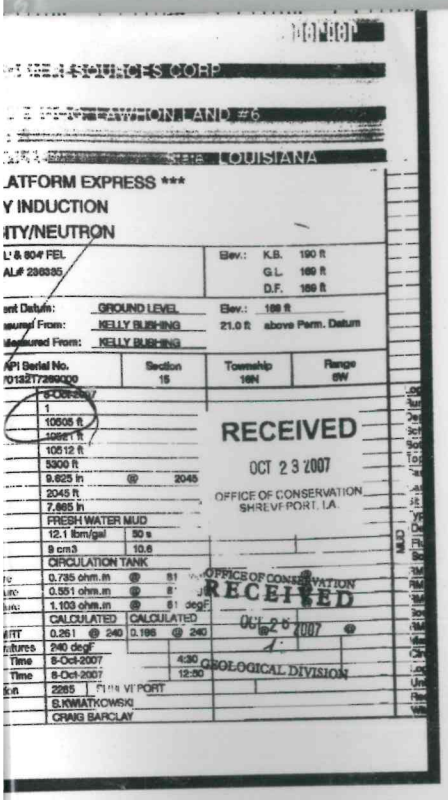
SECTION 17 T16N R8W
JAMESTOWN FIELD
BIENVILLE PARISH, LOUISIANA



OFFICE OF CONSERVATION

SEP 19 2024

INJECTION AND MINING DIVISION

STATE EXHIBIT NO. 1
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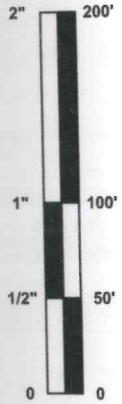

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⊕	NEW WELL
○	DRY & PLUGGED
●	SHUT-IN PRODUCTIVE – FUTURE UTILITY
✸	PRODUCING WELL – GAS & CONDENSATE
	TOP OF ZONE/BOTTOM OF ZONE TOZ/BOZ
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	TOP OF PETTIT
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	COMANCHE SERIES
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Raines & Associates, LLC

TITLE

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B (WEST) TO B' (EAST) – BOTTOM SECTION
GEOLOGIST: ROBERT B. RAINES

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JAMESTOWN FIELD
BIENVILLE PARISH, LOUISIANA