



RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

SCREWBEAN LANDFILL, LLC
P O BOX 1479
CARLSBAD NM 88221-1479

December 16, 2013

Re: **THIS COVER LETTER ISSUED AS PART OF PERMIT**

Permit to Operate a Commercial Stationary
Treatment Facility

Permit Number STF-065

Pit Permit Numbers P011904, P011905, P011906,
P011907, P011908, P011909, P011910, P011911,
P011912A, P011912B, P011912C, P011912D,
P011912E, P011912F, P011912G, P011912H,
P011912I

Screwbean Landfill, L.L.C., Screwbean Landfill
Facility Culberson County, Texas

This letter and the attached Commercial Stationary Treatment Facility permit constitute the authority of Screwbean Landfill, L.L.C. to operate the above referenced disposal facility.

The commercial disposal facility includes eight (8) disposal pits, one (1) truck-wash area from which a receiving channel-pit directs wash material to a washout pit area that includes eight (8) washout-settling pits for a total of seventeen (17) pits. The facility is permitted to accept only water-based and oil-based drilling fluids and cuttings generated during oil or gas well drilling operations in New Mexico and West Texas. All incoming waste must be screened to ensure that the acceptance and disposal criteria conform to the conditions of this permit. No waste may be accepted for disposal by the facility if it is a listed or characteristic hazardous waste or any waste other than afore-described water-based and oil-based drilling fluids and/or cuttings. No more than two (2) disposal pits may simultaneously accept waste, one of which must be closed prior to a subsequent pit accepting waste. Excavation may not begin on a new disposal pit until one (1) of two (2) active disposal pits is nearly full. Each disposal pit must be designed and constructed with a liner and leak-detection system that will consist of: 40-mil high-density polyethylene (HDPE) primary and secondary liners; a 200-mil geo-net drainage layer between the primary and secondary liners; and sumps consisting of coarse-grained soils and perforated pipe installed between the primary and secondary liners, and constructed so that any fluid leaking through the primary liner will be directed to the sump. All leak-detection sumps in all active pits must be

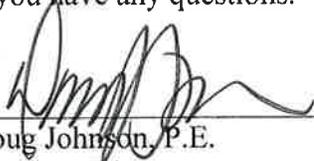
monitored weekly. Waste in an active disposal pit will be applied in layers in each sub-cell. After the wettest waste, as determined by visual assessment, in each sub-cell passes a paint-filter test (EPA Method 9095B), it will be considered disposed, and the sub-cell may receive an additional layer of waste or be closed.

No construction of the facility may be initiated until a restrictive covenant detailing on-site storage of fill material to be used for pit and facility closure has been approved by the Commission and proof of its deed recordation in Culberson County Real Property Records is provided to the Commission. Technical Permitting in Austin and the Midland District Office must be notified in writing at least 48 hours prior to: initiating construction of the facility; initiating construction of each disposal pit; completing the final placement of waste in each disposal pit; and initiating closure activities related to each disposal pit.

No oil and gas waste may be received, stored, handled, treated or disposed at the referenced facility until financial security in the amount of \$6,247,178, as required by Rule 78, is provided to and approved by the Commission.

The effective date of this permit is December 18, 2013. The authority granted by this permit expires on December 17, 2018.

You may contact Rob Conti at (512) 463-4056 should you have any questions.



Doug Johnson, P.E.
Assistant Director
Technical Permitting

Enclosure

cc: RRC District Office 08



RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

Permit No. STF-065

SCREWBEAN LANDFILL, LLC
P O BOX 1479
CARLSBAD NM 88221-1479

Re: Permit to Operate a Commercial Stationary Treatment Facility
Screwbean Landfill, L.L.C., Screwbean Landfill Facility - 188.1 Acres
Culberson County, Texas

Based on information contained in your initial application received on September 13, 2012 and subsequent information received to date, you are hereby authorized to receive, store, handle, treat and dispose of certain non-hazardous oil and gas wastes as described in the permit application and as specified below at the following facility:

Screwbean Landfill, L.L.C., Screwbean Landfill
Latitude and Longitude: 31° 58' 41.14" N, 104° 01' 46.49" W
Screwbean Draw NE 7.5 Minute USGS Quadrangle
Approximately 80.4 Miles Northeast of Van Horn, Texas

Associated: Pit Permit Numbers

P011904, P011905, P011906, P011907, P011908, P011909, P011910, P011911,
P011912A, P011912B, P011912C, P011912D, P011912E, P011912F, P011912G,
P011912H, P011912I
Culberson County
RRC District 08 - Midland

NARRATIVE DESCRIPTION OF PROCESS:

The commercial disposal facility includes eight (8) disposal pits, one (1) truck-wash area from which a receiving channel-pit directs wash material to a washout pit area that includes eight (8) washout-settling pits for a total of seventeen (17) pits. The facility is permitted to accept only water-based and oil-based drilling fluids and cuttings generated during oil or gas well drilling operations in New Mexico and West Texas. All incoming waste must be screened to ensure that the acceptance and disposal criteria conform to the conditions of this permit. No waste may be accepted for disposal by the facility if it is a listed or characteristic hazardous waste or any waste other than afore-described water-based and oil-based drilling fluids and/or cuttings. No more than two (2) disposal pits may simultaneously accept waste, one of which must be closed prior to a subsequent pit accepting waste. Excavation may not begin on a new disposal pit until one (1)

of two (2) active disposal pits is nearly full. Each disposal pit must be designed and constructed with a liner and leak-detection system that will consist of: 40-mil high-density polyethylene (HDPE) primary and secondary liners; a 200-mil geo-net drainage layer between the primary and secondary liners; and sumps consisting of coarse-grained soils and perforated pipe installed between the primary and secondary liners, and constructed so that any fluid leaking through the primary liner will be directed to the sump. All leak-detection sumps in all active pits must be monitored weekly. Waste in an active disposal pit will be applied in layers in each sub-cell. After the wettest waste, as determined by visual assessment, in each sub-cell passes a paint-filter test (EPA Method 9095B), it will be considered disposed, and the sub-cell may receive an additional layer of waste or be closed.

Unless otherwise required by the conditions of this permit, construction, use and maintenance of all pits shall be in accordance with the information represented in the stationary treatment facility permit application, in all disposal and washout pit applications (Form H-11) and in attachments and subsequent information received thereto. Authority is granted to receive, store, handle, treat and dispose of certain nonhazardous oil and gas wastes, using materials and processes, as described in the permit application and this permit, and in accordance with Statewide Rule 8 subject to the following minimum conditions.

I. GENERAL PERMIT CONDITIONS

- A. The effective date of this permit is **December 18, 2013**. The authority granted by this permit expires on **December 17, 2018**.
- B. This permit may be considered for administrative renewal upon review by the Commission. Any request for renewal should be received at least 60 days prior to the permit expiration date.
- C. This permit is **nontransferable** without the consent of the Commission. Any request for transfer of this permit must be filed with Technical Permitting in Austin at least 60 days before the permittee wishes the transfer to take place.
- D. No oil and gas waste may be received, stored, handled, treated or disposed at the referenced facility until financial security in the amount of \$6,247,178, as required by Rule 78, is provided to and approved by the Commission.
- E. No oil and gas waste may be received at the referenced facility until data are submitted to and approved by the Commission showing that three (3) additional on-site 100-foot borings north and east of SB-3 did not recover water in a 24-hour test. If any of the additional borings produce water in a 24-hour test, a minimum of three (3) down-gradient and one (1) up-gradient monitor wells must be completed, and monitor well information shall be submitted to and approved by the Commission as required by Permit Condition IV. Prior to installation of the monitor wells, a map showing the locations of proposed

well locations must be submitted to the Commission, and the well locations must be approved by the Commission.

- F. No waste may be received at the referenced facility until a site-specific Spill Prevention, Control and Countermeasure (SPCC) Plan is provided to and approved by Technical Permitting. A copy of the approved SPCC Plan must be maintained on-site and made available to Commission staff for review and inspection upon request.
- G. No construction of the facility may be initiated until a restrictive covenant detailing on-site storage of fill material to be used for pit and facility closure has been approved by the Commission and proof of its deed recordation in Culberson County Real Property Records is provided to the Commission. Technical Permitting in Austin and the Midland District Office must be notified in writing at least 48 hours prior to: initiating construction of the facility; initiating construction of each disposal pit; completing the final placement of waste in each disposal pit; and initiating closure activities related to each disposal pit.
- H. The permittee may not begin receiving, storing, handling, treating or disposing oil and gas waste at the facility until any necessary air permits or exemptions are obtained.
- I. Prior authority to dispose of waste at this commercial facility must have been issued to a permitted waste hauler, whose RRC-issued permit must list this commercial facility as authorized to receive waste from the permitted waste hauler.
- J. Oil and gas waste may not be placed above 2 feet below surrounding grade in any disposal pit or washout pit without a permit modification approved by the Commission.
- K. Technical Permitting in Austin and the Midland District Office must be notified in writing upon final completion of construction of the facility, washout pits, and each disposal pit. The permittee may not begin receiving, storing, handling, treating or disposing oil and gas waste at the facility until the District Office has performed its inspection of the completed facility and disposal pit construction and has verified that the facility and disposal pit is constructed in accordance with the application and this permit.
- L. The permittee must submit a Quarterly Report containing the relevant information and/or as required in Permit Conditions III.A., III.B., IV., VI.B.4., VI.E.1., VI.E.2., VII.L., VII.N. and VII.O. The first Quarterly Report must cover the period beginning on the effective date of the permit and ending March 31, 2014. The reporting periods must thenceforth be: April 1 through June 30; July 1 through September 30; October 1 through December 31; and January 1 through March 31 of each year. The Quarterly Reports must be submitted to Technical Permitting in Austin and the Midland District Office no later than the 30th day of the month following each reporting period, or each April 30, July 30, October 30, and January 30 respectively.

- M. This permit does not authorize the discharge from the facility of any oil and gas waste, including contaminated storm water.
- N. Material Safety Data Sheets must be submitted to the Austin Office for any chemical proposed to be used in the treatment of waste at the facility. Use of the chemical is contingent upon Commission approval.
- O. Any soil, media, or other debris contaminated by a spill of waste or any other materials at the facility shall be promptly cleaned up and disposed of in an authorized manner.
- P. The permittee shall make all records required by this permit available for review and/or copying during normal business hours upon request of Commission personnel.
- Q. The permittee shall post a sign at the facility entrance, which shall show the permit number in numerals at least one (1) inch in height.
- R. Failure to comply with any provision of this permit shall be cause for modification, suspension or termination of this permit. This permit may be canceled if Technical Permitting determines that the facility is in violation of the conditions of this permit or if operation of the facility is causing or allowing pollution of surface or subsurface water.
- S. An independent laboratory neither owned nor operated by the permittee must conduct any analysis of sampling required by this permit.
- T. An on-site sewage facility (OSSF) is authorized, without obtaining an additional permit from RRC, to be constructed, operated and maintained within the boundaries of this permitted facility, provided the system is designed by a P.E. or sewage system installer licensed in the state of Texas, and the design, construction, operation and maintenance of the OSSF complies with all applicable local, county and state requirements for operating and maintaining the on-site sewage treatment system.

II. INCOMING WASTES

A. AUTHORIZED WASTES

- 1. Only wastes subject to the jurisdiction of the Railroad Commission of Texas and exempt from RCRA, Subtitle C may be received at this facility. This permit authorizes the receipt and disposal of only the following RCRA exempt or non-hazardous, non-injectable, oil and gas wastes:
 - a. Water-based drilling fluids and associated cuttings with chloride concentrations up to 90,000 mg/l;

- b. Oil-based drilling fluids and associated cuttings with chloride concentrations up to 90,000 mg/l ;
2. No produced water or free oil may be disposed of at the facility.
3. No wastes from Mexico may be accepted at the facility.

B. TESTING REQUIREMENTS FOR INCOMING WASTES

1. Prior to receipt at the site, representative samples of authorized waste from commercial oil and gas facilities and reclamation plants must be analyzed and may not exceed the limit for the following parameter:

<u>PARAMETER</u>	<u>LIMITATION</u>
------------------	-------------------

TOX (Total Organic Halides)	100 mg/kg
-----------------------------	-----------

Special authorization for disposal of waste with a TOX > 100 mg/kg may be considered. Authority must be obtained from Technical Permitting in Austin.

III. RECORDKEEPING REQUIREMENTS

- A. The permittee shall maintain the following records on each load of waste received at the facility for a period of three (3) years from the date of receipt:
 1. Description of the site where the waste was generated, including:
 - a. generator name;
 - b. lease name, lease number and well number or gas ID number or API well number;
 - c. county; and
 - d. carrier name;
 - e. amount of waste material received (specify units);
 2. Description of the type of waste material received, including:
 - a. fluid-to-solid ratio; and

- b. detailed description of the type of waste.
- B. A report of all records required by Permit Condition III.A., as well as a summary of waste receipts including the volume of each type of material received on a monthly basis shall be submitted to Technical Permitting in Austin and the Midland District Office as part of the Quarterly Report required in Permit Condition I.L.
- C. A Skim Oil/Condensate Report (Form P-18) must be filed for every month in which skim oil is recovered and then subsequently sold during the operation of this facility.
- D. As required by Permit Condition VI.D.1., all records of weekly leak-detection monitoring, including dates of the liner and the leak-detection system inspections and the results of each inspection, must be maintained by the permittee for the life of the facility, and upon request of the Commission, the record shall be filed with the Commission.

IV. MONITOR WELLS

- A. If required by Permit Condition I.E., permanent groundwater monitor wells are required to be installed, maintained and routinely sampled at the facility. The following provisions must be met:
1. The monitor wells must be completed in accordance with 16 TAC Part 4, Chapter 76 (Water Well Drillers and Water Well Pump Installers).
 2. The wells must be completed in the shallowest groundwater zone, and the completion must isolate that zone from any deeper groundwater zone.
 3. The screened interval of the wells must be designed to intercept the top of the groundwater.
 4. Provision must be made to protect the well heads from damage by vehicles and heavy equipment.
 5. The following information must be submitted within 30 days after any new wells are completed:
 - a. soil boring log for each well, with the soils described using the Unified Soil Classification System (equivalent to ASTM D 2487 and 2488). The log must also include the method of drilling, total depth, and the top of the first encountered water or saturated soils;
 - b. a well installation diagram for each well;
 - c. a survey elevation for each well head reference point; and

- d. a potentiometric map showing static water levels and the calculated direction of groundwater flow.
6. All monitor wells must be monitored for the following parameters after installation, and quarterly thereafter:
 1. Static water level
 2. Benzene
 3. TPH
 4. TDS
 5. Chlorides
 6. Bromides
 7. Sulfates
 8. Nitrates
 9. Carbonates
 10. Calcium
 11. Magnesium
 12. Sodium
 13. Potassium
7. Copies of the monitoring-well gauging and sampling events data shall be filed quarterly with Technical Permitting and the Midland District Office as part of the Quarterly Report required in Permit Condition I.L.

V. GENERAL FACILITY DESIGN

- A. The general layout and arrangement of the facility shall be consistent with the facility site plan dated September 04, 2013, which is incorporated as part of this permit as Permit Appendix A and B(attached).
- B. Prior to beginning construction of the facility, the facility shall have security to prevent unauthorized access. The perimeter of the property must be enclosed with a 6-foot high fence, which is suitable for prohibiting unauthorized access, and which must be constructed of material that will prevent livestock and/or large game animals from entering the facility. The site is to be attended continuously or secured to prohibit unauthorized access when unattended. Access gates shall be closed and locked when not attended by facility personnel. Only employees of the permittee may have a key to the lock.

VI. CONSTRUCTION, OPERATION, PROCESS CONTROL

A. CONSTRUCTION

1. The facility pits shall consist of:
 - a. eight (8) disposal pits (Appendix A and B), each with a volume of 1,524,692 barrels (Pit Permit Numbers P011904 (Cell 1), P011905 (Cell 2), P011906 (Cell 3), P011907 (Cell 4), P011908 (Cell 5), P011909 (Cell 6), P011910 (Cell 7), P011911 (Cell 8);

- b. eight (8) washout pits (Appendix C), each with a volume of 427 barrels (Pit Permit Numbers P011912A (Cell A), P011912B (Cell B), P011912C (Cell C), P011912D (Cell D), P011912E (Cell E), P011912F (Cell F), P011912G (Cell G), P011912H (Cell H); and
 - c. one (1) drainage channel (Appendix D) for conveying truck-wash water to washout pits with a volume of 855 barrels (Pit Permit Number P011912I).
 2. Each pit described in Permit Conditions VI.A.1.a., VI.A.1.b. and VI.A.1.c. shall be surrounded by an earthen berm. All berms shall be keyed into the underlying soil and shall be constructed to a height of at least two (2) feet and width at base of six (6) feet, or so that the grades of the slopes of the berm are no steeper than 1:3 (height : width). The berm must be compacted and maintained so as to allow for full liquid waste containment in the event of a catastrophic release.
 3. Pits shall be designed and constructed with the following parameters.
 - a. The capacity of each disposal pit may not exceed 1,524,692 barrels (317,136 cubic yards or 64,037,064 gallons equivalents).
 - b. The capacity of each washout pit may not exceed 427 barrels (89 cubic yards or 17,934 gallons equivalents).
 - c. The capacity of the drainage channel for conveying truck-wash water to washout pits may not exceed 855 barrels (178 cubic yards or 35,910 gallons equivalents).
 4. A sign shall be posted at each pit which shall show the pit permit number in numerals at least one (1) inch in height.

B. OPERATION

1. Incoming waste must be unloaded directly from the transport truck or trailer into an open disposal pit or washout receiving area, depending on liquid content. Rinsate generated from washing out tank trucks or containers used to transport waste to the site must be contained in the truck-wash catchment washout pit and conveyed directly by a permitted channel pit to the washout pit. Waste or rinsate may not be unloaded or discharged onto the ground.
2. Waste in an active disposal pit will be applied in layers in each sub-cell. After the wettest waste, as determined by visual assessment, in each sub-cell passes a paint-filter test (EPA Method 9095B), it will be considered disposed, and the sub-cell may receive additional waste or be closed.

3. The washout pits must be maintained in a leak-free condition. The washout pits must be emptied and inspected annually for deterioration and/or leaks. If inspection of a washout pit reveals deterioration and/or leaks, the pit must be repaired before resuming use of the pit.
4. The permittee must maintain a record of when the washout pits are inspected and the results of each inspection. A copy of the records shall be submitted to Technical Permitting in Austin as part of the Quarterly Report required in Permit Condition I.L.
5. Excess rainwater collected within the bermed area shall be removed and disposed of in an authorized manner.
6. Appropriate measures shall be taken to control dust at all times.
7. No more than 427 barrels (89 cubic yards or 17,934 gallons equivalents) of rinsate may be stored in the washout pit at one time.

C. PROCESS CONTROL

1. At least 2 feet of freeboard must be maintained between the oil and gas waste level of all disposal and washout pits and the surrounding land surface elevation.
 - a. No oil may be allowed to accumulate on top of the waste stored in any disposal or washout pit.
 - b. A liner and leak-detection system consisting of: a primary liner and a secondary liner, each consisting of 40-mil high-density polyethylene (HDPE); and a drainage layer consisting of a 200-mil geo-net, coarse-grained soils, and perforated pipe shall be installed between the primary and secondary liners, so that any fluids leaking through the primary liner will be directed to a sump. The leak-detection sump shall be monitored every week. Fluids collected in the leak-detection sump must be removed through the pump system and disposed of in an authorized manner.

D. MONITORING AND REQUIRED NOTIFICATIONS

1. Regarding disposal pits, while active, and prior to closing, the pit's leak-detection system shall be checked weekly, and the permittee must maintain a record of when the liner and the leak-detection system are inspected and the results of each inspection. This record must be maintained by the permittee for the life of the facility, and upon request of the Commission, the record shall be filed with the Commission.

2. If the leak-detection system indicates liner system failure, the District Office must be notified of that fact within 24 hours of detecting the liner failure. Liner system failure is defined as any of the following:
 - a. a leak rate from the primary liner greater than 50 gallons per sump per day for any sump;
 - b. any failure in the leak-detection and return system or any component thereof; or
 - c. any detected damage to or leakage from the secondary liner.
3. If the leak-detection system indicates liner failure, disposal into the pit must cease immediately and the liner must be inspected for deterioration and leaks within five (5) days. The liner must be repaired before use of the pit may resume.

E. CLOSURE OF DISPOSAL PITS PRIOR TO FACILITY CLOSURE

1. Prior to facility closure, after closing each disposal pit in accordance with Permit Condition VII.K., all leak-detection sumps associated with the closed pit must be monitored at least quarterly for a minimum period of five (5) years to assess post-closure leakage rates.
2. Beginning with the first Quarterly Report, and pursuant to the reporting schedule in Permit Condition I.L., quantities of water recovered from each sump must be reported in the Quarterly Reports. Upon request by the permittee and completion of the 5-year disposal-pit monitoring period, the Commission, after reviewing monitoring data, may allow permittee to cease the quarterly monitoring of the closed disposal-pit sump.
3. If post-closure sump monitoring data indicate leakage in excess of the action leakage rate defined in Permit Condition VI.D.2.a., the permittee shall submit to the Commission for approval a plan to abate the rate of leakage from the closed pit.
4. All fluids recovered during pit sump monitoring must be disposed of in an authorized manner.

VII. FACILITY CLOSURE

- A. All washout pits and disposal pits must be dewatered and emptied within 120 days of final cessation of use of the pits. Final closure of the washout pits and disposal pits must be accomplished in such a manner that rainfall will not collect at all pit locations after pit closure. Upon final closure, the District Office shall be notified in writing.

- B. All waste must be disposed of in an authorized manner.
- C. The contents of all tanks, washout pits, receiving pads or other containers shall be disposed of in an authorized manner.
- D. All tanks, piping, pumps and related equipment must be steam cleaned and removed from the property. Concrete structures such as any administrative, non-process buildings, but not including pits, may remain in place.
- E. Representative soil samples must be collected from beneath each washout pit, any other concrete pads used for transporting and/or unloading oil and gas waste, and if applicable, any tank located within the facility. The samples shall be analyzed, and the following constituent levels may not be exceeded:

<u>PARAMETER</u>	<u>PRE-CLOSURE LIMIT</u>
pH (Standard Units)	6 to 10
Electrical Conductivity (mmhos/cm)	4
TPH (weight %)	< 1
Metals (mg/kg)	
Arsenic	10.00
Barium	20,000.00
Cadmium	3.00
Chromium	100.00
Lead	200.00
Mercury	10.00
Selenium	5.00
Silver	200.00
BTEX (mg/kg)	30.00

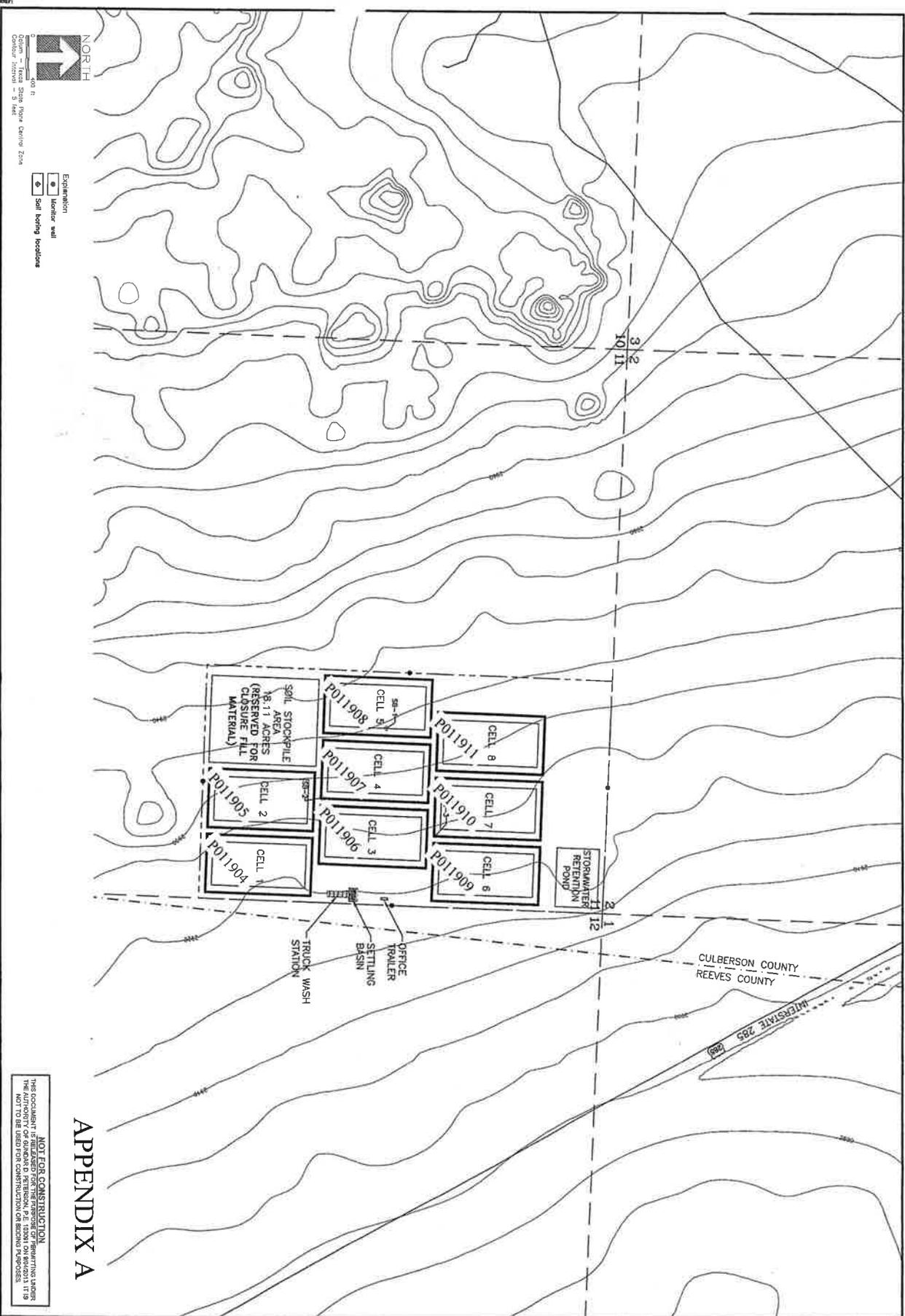
- F. Representative groundwater samples must be collected from all monitor wells installed pursuant to Permit Condition I.E. Upon closure Technical Permitting will determine the analytical methods and constituent limits which are appropriate for facility closure.
- G. A map showing the sampling locations and copies of the analyses required by Permit Condition VII.E. shall be submitted to the Austin Office. When acceptable constituent levels have been verified in writing by Technical Permitting, the earthen berms shall be leveled to grade. Topsoil shall then be contoured and seeded with appropriate vegetation.
- H. Any operating disposal pit within which any waste has been placed, shall be dewatered, stabilized, covered with a pit cap as shown in Sheet 11 of the application amendment dated September 4, 2013, and graded pursuant to Permit Condition VII.A.
- I. Provisions shall be taken to prevent erosion both during and following closure.

- J. All monitor wells must be plugged in accordance with 16 TAC Part 4, Chapter 76 (Water Well Drillers and Water Well Pump Installers).
- K. The soil for the pit's cap must consist of soils classified as CL, CH, or SC in the United Soil Classification which are spread and compacted into lifts to a hydraulic conductivity of 1×10^{-7} centimeters per second or less. The clay liner must be compacted to 95 percent standard proctor at a soil moisture content of two (2) to three (3) percent wet optimum. Alternatively, a synthetic liner may be used, given it meets the above hydraulic conductivity requirement and has a thickness of at least 30 mils. Further, the closure plan must include plans to backfill and contour the pit in a manner such that rainwater shall not collect on the pit site.
- L. The leak-detection system must be maintained and monitored quarterly.
- M. Post-closure monitoring must be performed for a period of no less than five (5) years after the closure of the facility.
- N. A summary of the results of the post-closure monitoring activity must be submitted to Technical Permitting in Austin as part of a Quarterly Report which must be submitted for five (5) years after any disposal pit has been closed. The Quarterly Report shall consist of a record of when the leak-detection system and pit is inspected and the results of each inspection.
- O. Post-closure care shall include quarterly inspections of the entire facility by a registered Professional Engineer for signs of deterioration. Findings of each inspection shall be included in the Quarterly Report required in Permit Condition VII.N.
- P. Any areas showing signs of erosion must be contoured and backfilled or reseeded.
- Q. The permittee must request in writing permission to cease post-closure monitoring. Post-closure monitoring requirements may be extended by Technical Permitting based on the monitoring results.
- R. Technical Permitting in Austin and the Midland District Office must be notified in writing 45 days prior to commencement of closure activities.

This authorization is granted subject to review and cancellation should investigation show that such authorization is being abused.



Doug Johnson, P.E.
Assistant Director
Technical Permitting



Legend

Member well
 Soil boring locations

100 ft
 50 ft
 0
 Down - Texas State Plane Central Zone
 Contour Interval - 5 feet

APPENDIX A

NOT FOR CONSTRUCTION
 THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF PERMITTING UNDER
 THE AUTHORITY OF BONNARD PETERSON, P.E. FROM TEXAS REG. NO. 11719
 AND IS NOT TO BE USED FOR CONSTRUCTION OR PERMITTING PURPOSES.

	<p align="center">SCREWBEAN LANDFILL CULBERSON COUNTY, TEXAS</p> <p align="center">SITE LAYOUT PLAN</p>	DESIGNED BY: DSW: BJS CHECKED BY: COP DATE: 06/04/2019	<p> Daniel H. Stephens & Associates, Inc. Texas Registered Engineering Firm F-259 ENVIRONMENTAL SCIENTISTS & ENGINEERS 4030 W. BRAKER LANE, SUITE 335 AUSTIN, TX 78746-5336 (512) 851-2765 </p>	<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REVISION MADE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	BY	REVISION MADE								
		NO.	DATE	BY	REVISION MADE											
JOB NO. ES12.0072	SHEET SHEET FIGURE 8	FILE NAME: CDDP_ES12_0072_L001_P0001.dwg														

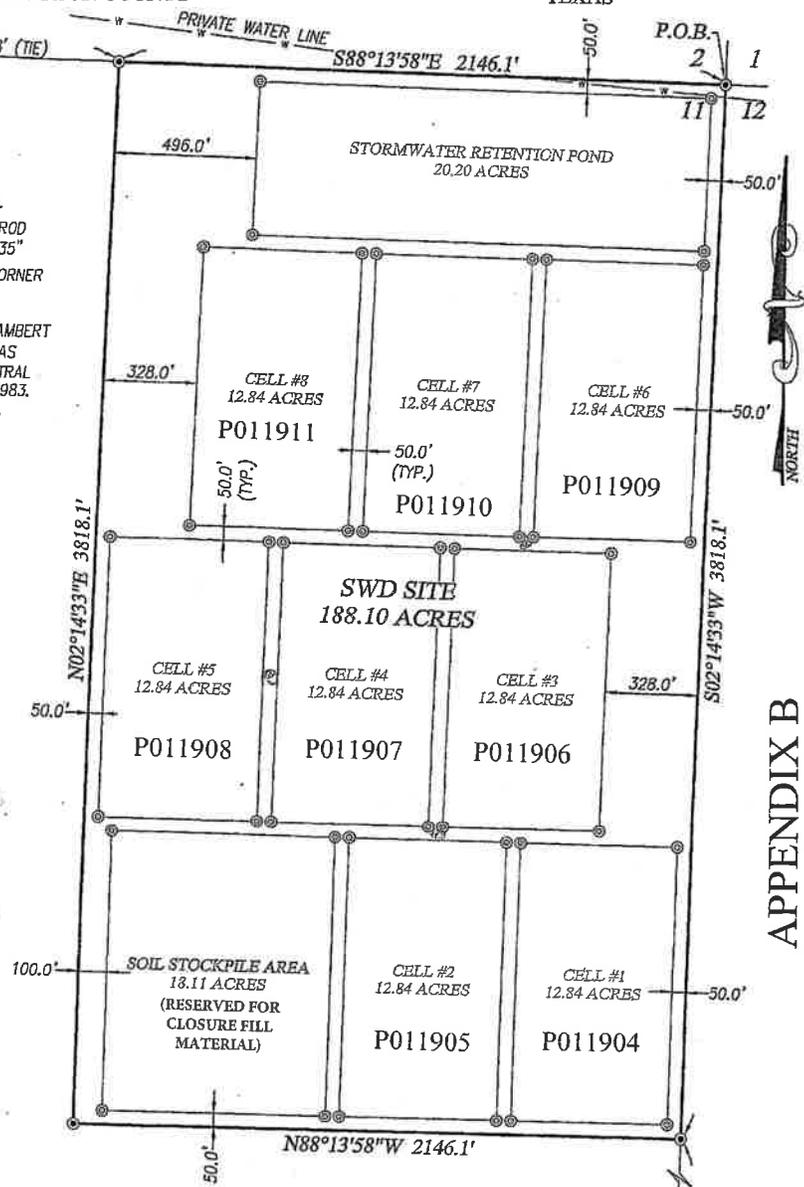
SECTION 11, BLOCK 58, T-1, T. & P. R.R. CO. SURVEY
CULBERSON COUNTY TEXAS

LEGEND:

- ⊙ - DENOTES SET SPIKE NAIL
- ⊙ - DENOTES SET 1/2" STL ROD W/CAP MKD. "RPLS 4735"
- ⊗ - DENOTES CALCULATED CORNER

NOTE

BEARINGS SHOWN HEREON ARE LAMBERT GRID AND CONFORM TO THE "TEXAS COORDINATE SYSTEM" TEXAS CENTRAL ZONE, NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.



APPENDIX B

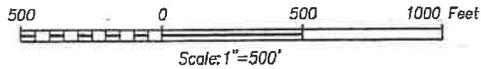
NOTE

A TRACT OF LAND IN THE EAST HALF OF SECTION 11, BLOCK 58, T-1, T. & P. R.R. CO. SURVEY, CULBERSON COUNTY, TEXAS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF SAID SECTION 11, BEING THE NORTHEAST CORNER OF THIS TRACT; THEN S02°14'33\"/>

I, RONALD J. EIDSON, NEW MEXICO PROFESSIONAL SURVEYOR No. 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EIDSON *[Signature]*
DATE: 08/08/2012

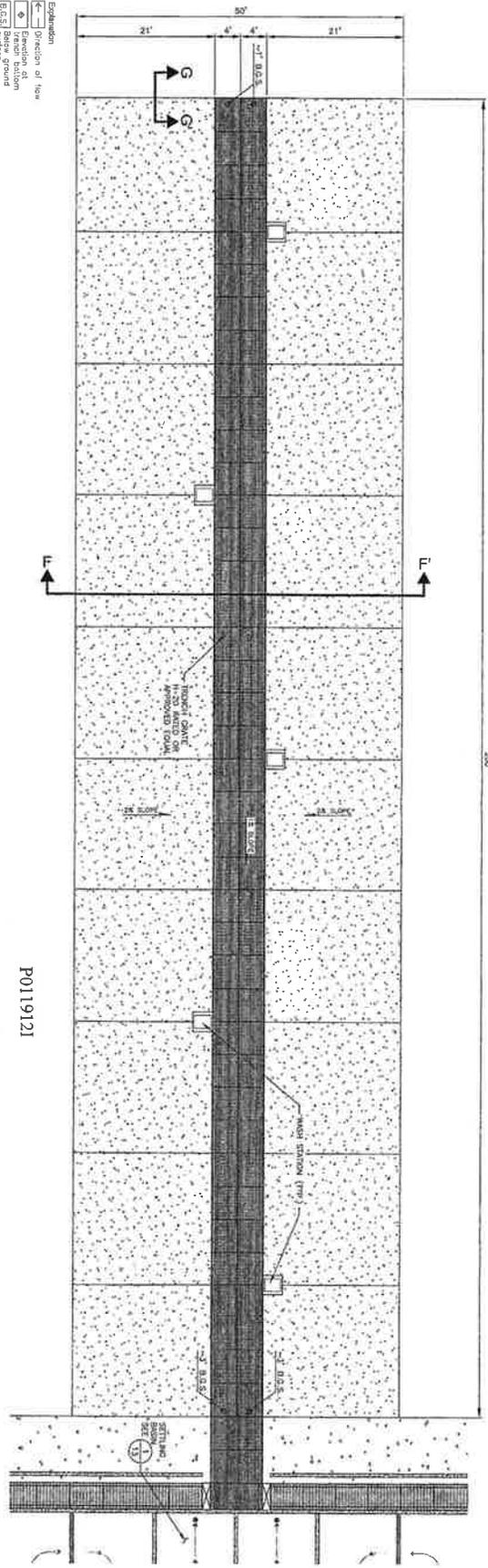


DANIEL B. STEPHENS & ASSOCIATES, INC.

BOUNDARY SURVEY
SCREWBEAN LANDFILL
SECTION 11, BLOCK 58, TOWNSHIP 1,
T. & P. R.R. CO. SURVEY
CULBERSON COUNTY, TEXAS

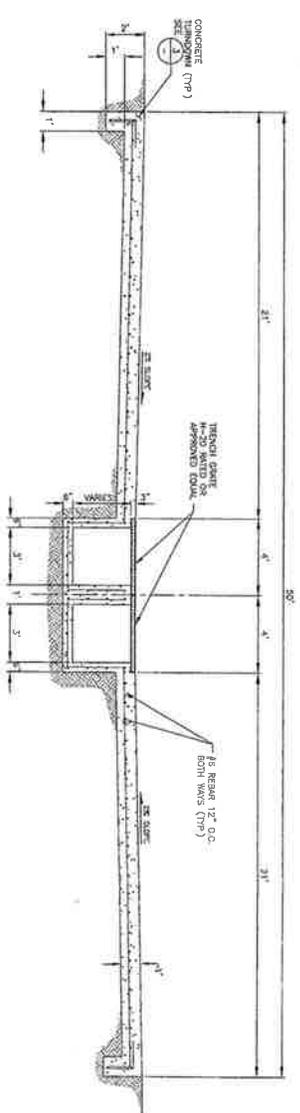
Survey Date: 6/25/12	CAD Date: 8/2/12	Drawn By: DSS
W.O. No.: 12111362	Rev:	Rel. W.O.:

PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz



P0119121

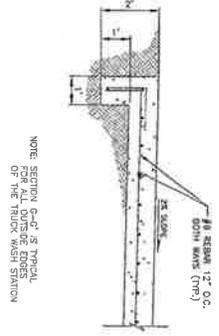
TRUCK WASH STATION LAYOUT



TRUCK WASH SECTION F-F



TYPICAL TRUCK WASH CONCRETE TURNDOWN SECTION G-C



NOTE SECTION G-C IS TYPICAL FOR ALL DRIVE ENDS OF THE TRUCK WASH STATION

RECEIVED
RRC OF TEXAS
SEP 12 2013
O&G
AUSTIN TX

APPENDIX D

NOT FOR CONSTRUCTION
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF PERMITTING WORK NOT TO BE CANCELED FROM CONSTRUCTION ON RECORD PLANS.

SCREWBEEB LANDFILL
CULBERSON COUNTY, TEXAS

TRUCK WASH LAYOUT AND DETAILS

DESIGNED BY: [Signature]
DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: [Signature]

NO DATE BY REVISION MADE

FILE NAME: S:\Projects\13121021_Screwbeeb_Landfill\DWG\13121021_1112.dwg