



RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

November 1, 2013

DEWITT RECYCLABLE PRODUCTS LLC
P O BOX 709
ROBSTOWN TX 77380

Re: Application to Operate a Commercial Stationary
Treatment Facility
DeWitt County Facility
DeWitt County, Texas
Control Numbers CN-043, R9 02-1203, CN-011784,
CN-011785, CN-011786, CN-011787, and CN-
011788

Your amended permit to operate a Commercial Stationary Treatment Facility and associated pits under Statewide Rule 8 is enclosed.

Please be advised that Statewide Rule 78 requires financial security be filed in the amount equal to or greater than the maximum amount necessary to close the facility at any time during the permit term. No waste may be received at the facility until financial security in the amount of \$281,606.00 is provided to and approved by the Commission. In order to allow sufficient processing time, financial security should be submitted a minimum of 30 days prior to the date on which you wish to begin receiving waste. Should any changes be made to the facility, an updated closure cost estimate must be submitted to Technical Permitting in Austin, and any additional financial security in the approved amount must be filed with the Commission.

Please contact me at (512) 463-6559 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "David Wuerch".

David Wuerch P.G.
Environmental Permits & Support
Technical Permitting

Enclosures

cc: RRC – San Antonio/02



RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

Permit No. STF-043
R9 02-1203
P011784, P011785
P011786, P011787, P011788

AMENDED
Supersedes Permit Issued
May 21, 2013

DEWITT RECYCLABLE PRODUCTS, LLC
P O BOX 709
ROBSTOWN TX 77380

Based on information contained in your application received February 22, 2012, and subsequent information received to date, you are hereby authorized to receive, store, handle, and treat certain oil and gas wastes as specified below at the following facility:

DeWitt County Facility – Commercial STF Facility with associated pits, and
Reclamation Facility Authorized by R9-02-1203
Samuel Lockhart League, Abstract 28
DeWitt County, Texas
RRC District 02

Authority is granted to receive, store, handle, and treat oil and gas wastes in accordance with Statewide Rule 8 and subject to the following minimum conditions:

NARRATIVE DESCRIPTION OF PROCESS:

Incoming waste is offloaded into the Main Waste Receiving Pit. Hydraulic pumps will be used to mix the waste material in the pit into a slurry and pump the slurry into an open-top mud tank located on the Centrifuge Pad. If needed, as part of the treatment process, polymers and/or flocculants will be added to the slurry in the mud tank. The tank will be equipped with mixers to uniformly distribute the polymers/flocculants. The treated slurry will then be pumped to a three-phase centrifuge where separation of oils, water, and solids will occur. The separated oil and water will be pumped to the designated 500-barrel above ground tanks located in the Separation Storage Area. The recovered oil will be transported for sale and the water will be sent to an offsite disposal well. Any solids will be placed into a 25-cubic yard roll-off box and moved, as necessary, to the Separated Solids Storage Area where the solids will be temporary stored prior to their transport to a permanent offsite disposal facility.

I. GENERAL PERMIT CONDITIONS

- A. This permit is effective **November 1, 2013**, and expires **May 20, 2018**.
- B. Technical Permitting in Austin and the San Antonio District Office must be notified in writing when construction of the facility is initiated.
- C. No waste may be received at the referenced facility until financial security in the amount of \$281,606.00 for the DeWitt Stationary Treatment Facility including the associated Pit Permit Nos. 011784, 011785, 011786, 011787, and 011788 is provided to and approved by the Commission.
- D. No waste may be received at the referenced facility until a restrictive covenant is signed by a representative of DeWitt Recyclable Products, LLC, the landowner, and a representative of the Railroad Commission of Texas; and the signed document is filed in the Real Property Records of DeWitt County, Texas, and proof of filing with DeWitt County is submitted to the Commission.
- E. No waste may be received at the referenced facility until the monitor wells required by Condition X. of this permit have been completed. The documentation required by Condition X.A.7. must be provided to and approved by Technical Permitting within 30 days after installation of said wells.
- F. Technical Permitting in Austin and the San Antonio District Office must be notified in writing upon final completion of construction of the facility. The permittee may not begin receiving, storing, handling, or treating oil and gas waste at the facility until the District Office has performed its inspection of the completed facility and has verified that the facility is constructed in accordance with the application and this permit.
- G. The permittee may not begin receiving, storing, handling, or treating oil and gas waste at the facility until any necessary air permits or exemptions are obtained from the Texas Commission on Environmental Quality.
- H. No waste may be received at the facility until a site-specific Spill, 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 for review and inspection.
- I. This permit may be considered for administrative renewal upon request and subsequent review by the Commission.
- J. This permit is **nontransferable** without the consent of the Commission.
- K. Additional Material Safety Data Sheets must be submitted to Technical Permitting in Austin for any chemical proposed to be used in the treatment of waste at the facility. Use of the chemical is contingent upon Commission approval.
- L. The permittee must make all records available for review and/or copying during normal business hours upon request of Commission personnel.
- M. All laboratory analyses required to be performed in accordance with this permit must be performed using appropriate EPA or Standard Methods by an independent laboratory neither owned nor operated by the permittee.

- N. Failure to comply with any provision of this permit or determination by the Commission that this permit is being abused will be cause for enforcement action including, but not limited to, modification, suspension, or termination of this permit.
- O. The permittee must submit a Quarterly Report containing the applicable information required in Conditions III.D, IV.J, V.I, VI.C, VIII.C, IX.D, and X.B of this permit. The first Quarterly Report must cover the period beginning on the effective date of the permit and ending **September 30, 2013**. The reporting periods must thenceforth be January 1 through March 31, April 1 through June 30, July 1 through September 30, and October 1 through December 31 of each year.
- The Quarterly Reports must be submitted to Technical Permitting in Austin and the San Antonio District Office no later than the 30th day of the month following each reporting period, or each January 30, April 30, July 30, and October 30 respectively.
- P. Unless otherwise dictated by this permit, construction and operation of the facility must be as represented in the original application and subsequent information received to date by Technical Permitting in Austin.
- Q. Any deviation from this permit must be approved by amendment from Technical Permitting in Austin before implementation.
- R. In accordance with Statewide Rule 78, financial security must be provided to the Commission in the amount necessary to close the facility. If any changes that would increase the cost to close the facility are planned, an updated closure cost estimate and the associated financial security must be submitted to and approved by the Commission prior to implementing those changes.

II. INCOMING WASTES

A. AUTHORIZED WASTES

1. Only the following RCRA-exempt or non-hazardous wastes subject to the jurisdiction of the Railroad Commission of Texas may be received or processed at this facility:
 - a. Oil-based drilling fluids and associated cuttings;
 - b. Water-based drilling fluids and associated cuttings;
 - c. Spent fracturing fluids and associated solids from the flow back of oil and/or gas wells;
 - d. Tank bottoms from gas plants, crude oil reclamation plants and crude oil production/separation facilities;
 - e. Waste materials from produced water collection tanks and pits;
 - f. Produced formation sand;
 - g. Wastewaters from oil and gas or geothermal drilling and production operations; and

- h. Contaminated soils from crude oil spills, pipelines and saltwater spills from production operations.
- 2. RCRA non-exempt wastes under the jurisdiction of the Commission may be accepted and processed at the facility if analytical results demonstrate that the waste is characteristically non-hazardous.
- 3. This permit does not authorize the reclamation of crude oil from oil and gas waste. A request for authorization under Statewide Rule 57 must be submitted to and approved by Technical Permitting in Austin prior to any reclamation activities at the referenced facility.
- 4. No oil and gas NORM (Naturally Occurring Radioactive Material) waste, as defined in 16 TAC §4.603, or waste from a facility that is licensed by the Texas Department of Health to process or treat oil and gas NORM waste may be received at this facility.
- 5. Waste may only be received at the facility if it is a waste under the jurisdiction of the Railroad Commission of Texas. No hazardous waste as defined by the U.S. Environmental Protection Agency in 40 CFR Part 261 or industrial waste may be received at the facility.

B. TESTING REQUIREMENTS FOR INCOMING WASTES

- 1. For the purposes of this permit, a representative sample of incoming waste is defined as a composite sample composed of one grab sample from each 50 cubic yards of waste material from each job (e.g., from each well, pit, spill location.)
- 2. Each load of incoming waste, other than water base drilling fluid and the associated cuttings, or oil base drilling fluid and the associated cuttings, must be scanned for the presence of naturally occurring radioactive material (NORM) using a scintillation meter with a sodium iodide detector. Any load with a maximum reading of 50 microroentgens per hour or more may not be unloaded or processed at the facility unless further analysis of the waste demonstrates that the waste does not exceed 30 picocuries per gram Radium-226 combined with Radium-228, or 150 picocuries per gram of any other radionuclide.
- 3. Prior to receipt at the site, representative samples of waste from commercial oil and gas facilities 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

III. RECORDKEEPING REQUIREMENTS

- A. The permittee must 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 and number, or gas ID, or API Well Number; and

- c. County;
 2. Name of transporter;
 3. Volume of waste material (barrels); and
 4. A description of the type of waste material, including:
 - a. Fluid-to-Solid ratio; and
 - b. Detailed description of the type of waste including any analysis required by Condition II.B. above.
- B. The permittee must maintain the following records on each load of outgoing waste sent from the referenced facility to an authorized disposal facility for a period of three (3) years from the date of shipment:
1. Description of the facility to where the waste is sent to for disposal, including:
 - a. Disposal operator name;
 - b. Disposal permit number; and
 - c. County;
 2. Name of transporter;
 3. Volume of waste material (barrels); and
 4. A detailed description of the type of waste material.
- C. The permittee must maintain the following records for a period of three (3) years from the date of the inspection regarding the monthly facility inspection required by Condition IV.J:
1. The results of the monthly inspection of concrete slabs within the facility for evidence of deterioration, leakage, or storm water run-on, and a description of corrective action taken, if any.
 2. The results of the monthly inspection of process equipment, tanks, and roll-off boxes for evidence of deterioration or leakage, and a description of corrective action taken, if any.
 3. The results of the monthly inspection of waste levels within the storage areas, tanks, and roll-off boxes, and a description of corrective action taken, if any.
- D. A report of all records required by Conditions III.A., III.B., and III.C. above, as well as a summary of waste receipts including the cumulative volume of each type of material received and cumulative volume of each type of waste that leaves the facility for disposal on a monthly basis must be submitted to Technical Permitting in Austin and the San Antonio District Office as part of the Quarterly Report required by Condition I.O. of this permit.

IV. GENERAL SITE CONSTRUCTION AND MAINTENANCE REQUIREMENTS

- A. The general layout and arrangement of the facility must be consistent with the Facility Layout Map received January 31, 2013, which is attached to and incorporated as part of this permit as **Permit Appendix A**.

- B. A sign must be posted at each entrance to the facility. The sign must be readily visible and show the operator name, facility name, and permit number in letters and numerals at least three-inches in height.
 - C. Any pits and/or buried tanks must be permitted in accordance with Statewide Rule 8.
 - D. No waste, treated or untreated, may be placed on the ground.
 - E. All reclaimed oil must be stored in steel tanks.
 - F. All storage tanks and roll-off boxes must be maintained in a leak-free condition.
 - G. Any spill of waste, chemical, or any other material must be collected and cleaned up within 24 hours, and processed through the treatment process or disposed of in an authorized manner.
 - H. The perimeter of the operational components/areas of the facility must be surrounded with a berm as shown in **Permit Appendix A**. The berm must be at least two-feet in height and designed to control storm water.
 - I. A 6-foot high fence suitable to prohibit unauthorized access shall be constructed to surround the facility. The site is to be attended by personnel continuously or secured to prohibit unauthorized access when unattended.
 - J. Each month an inspection of the facility must be performed of all equipment and storage areas on site. Records of each inspection must be kept on site and submitted as part of the Quarterly Report required by Condition I.O. of this permit.
 - K. Any waste received at the facility must be subjected to an initial treatment process within 7 days of receipt; the process must be continuous until treatment is completed; and any nonreclaimable waste from the final treatment process must leave the facility for disposal at an authorized oil and gas waste disposal facility within 7 days following the completion of waste characterization and any applicable laboratory analysis. Reclaimed oil may be stored at the facility until the total volume reaches 1,000 barrels.
 - L. Operation of the facility must be in accordance with the approved Spill Prevention, Control and Countermeasure Plan.
 - M. This facility must comply with all Texas Commission on Environmental Quality (TCEQ) air quality rules and regulations.
- V. MAIN WASTE RECEIVING PIT (#011784) CONSTRUCTION AND OPERATION
- A. A sign shall be posted identifying the Main Waste Receiving Pit using letters at least three-inches in height.
 - B. A two-foot high berm shall be constructed around the north, south, and west sides of the pit. The unloading pad for trucks will be constructed on the east side.
 - C. The unloading pad shall have dimensions of 125-feet by 25-feet and shall consist of reinforced concrete with a minimum thickness of 8-inches. A 6-inch curb must separate the unloading pad from the pit to prevent trucks from going into the pit.

- D. At least 2-feet of freeboard must be maintained between the fluid level in the pit and the top of the pit.
- E. The pit capacity must not exceed 4,622 barrels.
- F. The pit must be lined with a double liner containment system which will consist of a high-density polyethylene (HDPE) primary liner with a thickness of at least 60 mils underlain by a geosynthetic clay liner (GCL) composed of a 60 mil thick HDPE and ¼ inch thick bentonite layer.
- G. The Main Waste Receiving Pit must be equipped with a leak detection system. A Electrical Leak Imaging and Monitoring (ELIM) system will be installed under the liner system to detect for leaks.
- H. The pit must be constructed, and the liner/leak detection system must be installed, in accordance with sound engineering practices and liner/leak detection system manufacturer's specifications.
- I. The pit must be visually inspected by site operations personnel on a weekly basis to look for areas of the liner needing maintenance. On a semiannual basis, the pit must be emptied and cleaned to allow a Professional Engineer to perform a visual inspection of the surface of the HDPE liner. The Engineer shall prepare a report of the findings and the report must be submitted as part of the Quarterly Report required by Condition I.O. of this permit.
- J. The ELIM leak detection system must be monitored at least quarterly by a qualified engineer. If the leak detection system indicates liner failure, the San Antonio District Office must be notified of that fact within 24 hours of detection of the liner failure.
- K. If a liner system failure is detected, the affected component must be inspected for deterioration and leaks within 7 days of detection liner failure. After inspection, the affected component must be replaced or repaired before use of the pit is resumed.
- L. Permit does not authorize discharge of waste from the pit to the surface or surface water. Waste may only be transferred to the Centrifuge Area for further processing.
- M. Unless otherwise required by the conditions of this permit, construction, use, maintenance, and closure of the pit shall be accordance with the information represented on the permit application and the attachments thereto.

VI. CENTRIFUGE PAD AREA CONSTRUCTION AND OPERATION

- A. The Centrifuge Pad Area shall consist of the following equipment:
 - One 200-bbl open top mud tank;
 - Two centrifuges;
 - Two 25 cubic yard roll-off boxes.

No additional equipment may be added without prior written approval by Technical Permitting. A request for any additional equipment must be submitted in writing to Technical Permitting for review.

- B. The centrifuge pad must be an above grade pad measuring 50-feet long by 25-feet wide constructed of reinforced concrete at least 8-inches thick.
- C. Each month an inspection must be performed of the concrete pad and its integrity must be assessed. Records of each inspection must be kept on site and submitted as part of the Quarterly Report required by Condition I.O. of this permit.
- D. Separated oil and water shall be pumped to designated storage tanks in the Separation Storage Area while the separated solids will be placed in a roll-off box and moved to the Separated Solids Storage Area.
- E. Waste must not accumulate on the ground. Any spill of waste, or any other material, shall be promptly cleaned up, and the resulting waste shall be disposed of in an authorized manner.

VII. SEPARATION STORAGE AREA CONSTRUCTION AND OPERATION

- A. The Separation Storage Area will consist of the following storage vessels:
 - Two 500-bbl water storage tanks;
 - Two 500-bbl oil storage tanks.

No additional storage vessels may be added without prior written approval by Technical Permitting. A request for any additional storage vessels must be submitted in writing to Technical Permitting for review.

- B. The Separation Storage Area shall have dimensions of approximately 164-feet long by 64-feet wide. The area shall be surrounded by an earthen berm at least 2-feet high and a minimum width of 12-feet at the base, which will act as secondary containment for the above ground storage tanks.

VIII. SEPARATED SOLIDS STORAGE AREA (#011785) CONSTRUCTION AND OPERATION

- A. This storage area shall consist of a 75-feet long by 50-feet wide concrete slab constructed of reinforced concrete at least 8-inches thick. Three foot high concrete walls shall be constructed on three sides of the slab. The open side shall have a 6-inch high concrete berm to prevent any liquids from leaving the area but allow heavy equipment access to remove and load solid wastes for transport offsite. The slab shall have a minimum 0.5 % slope.
- B. The area shall be covered by a structure consisting of steel walls and a roof.

- C. Each month an inspection must be performed of the concrete slab and its integrity must be assessed. Records of each inspection must be kept on site and submitted as part of the Quarterly Report required by Condition I.O. of this permit.
- D. Any liquids that accumulate on the concrete slab must be cleaned up and disposed of in an authorized manner.
- E. A maximum volume of 481 cubic yards of waste may be stored in the area at any one time.

IX. WASH OUT AREA (#001786- #001788) CONSTRUCTION AND OPERATION

- A. The Wash Out Area shall consist of an above grade structure that will have three 15-foot wide by 45-foot long wash bays. Each bay shall be separated by a concrete wall with a minimum height of 2-feet. The slab shall consist of reinforced concrete with a minimum thickness of 8-inches. The bays shall be covered with a metal roof.
- B. The concrete slab shall have a minimum slope of 1.5% which will allow for wash water drainage to the sump.
- C. Each bay shall have a 4-foot wide by 6-foot long by 6-foot deep concrete sump to collect wash water. Each sump shall be equipped with a water level indicator and overflow alarm to alert site personnel when the sump is full and in need of emptying.
- D. Each month an inspection must be performed of the concrete slab and sumps and their integrity must be assessed. Records of the inspection must be kept on site and submitted as part of the Quarterly Report required by Condition I.O. of this permit.

X. MONITOR WELLS

- A. Four (4) monitor wells must be installed and numbered as represented on **Permit Appendix A**.
 - 1. Monitor wells must be completed in accordance with 16 TAC Part 4, Chapter 76 (Water Well Drillers and Water Well Pump Installers).
 - 2. Monitor 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 groundwater.
 - 4. Provision must be made to protect the well heads from damage by vehicles and heavy equipment.
 - 5. Monitor wells must be maintained in good condition and in a way that prohibits unauthorized access.
 - 6. Monitor wells must be able to provide a sample of groundwater that is representative of the groundwater underlying the site for the duration of facility

operations. If a monitor well is not capable of providing a representative sample, the permittee must notify Technical Permitting in Austin and install a replacement monitor well that is acceptable to the Commission.

7. The following information must be submitted after the wells are completed:
 - a. 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.
 - d. A potentiometric map showing static water levels and the calculated direction of groundwater flow.

B. The monitor wells must be monitored for the following parameters after installation and quarterly thereafter:

- | | |
|-----------------------|----------------|
| 1. Static Water Level | 9. Nitrates |
| 2. Total Depth | 10. Carbonates |
| 3. Benzene | 11. Sulfates |
| 4. TPH | 12. Magnesium |
| 5. TDS | 13. Sodium |
| 6. pH | 14. Potassium |
| 7. Chlorides | 15. Calcium |
| 8. Bromides | |

Copies of the results must be submitted as part of the Quarterly Report required by Condition I.O. of this permit.

XI. STORMWATER CONTROL

- A. The facility must be designed and constructed to prohibit discharge of run-off contact storm water and run-on of non-contact storm water.
- B. Storm water contained within the storm water control berm shall be controlled and diverted around the various waste receiving and treatment areas using the diversion ditch constructed on the interior toe of the berm. The storm water will be directed to the storm water sump where it will be collected and pumped to the Main Waste Receiving Pit and treated along with incoming waste.
- C. This permit does not authorize the discharge of any oil and gas waste or any storm water that has come into contact with oil and gas waste.
- D. A discharge permit from the Environmental Protection Agency (EPA) may be required for non-contact storm water discharges. If required, the permit from the EPA must be in place prior to commencement of discharge operations.

XII. CLOSURE OF THE SITE

- A. All waste must be processed through the facility or disposed of in an authorized manner. No waste may be permanently disposed of at the facility at any time.

- B. Closure of the Main Waste Receiving Pit shall be as follows:
 1. All waste must be removed from the Main Waste Receiving Pit and disposed of in an authorized manner.
 2. The synthetic liner and leak detection system shall be removed and disposed of in an authorized manner.
 3. The concrete unloading pad shall be removed and disposed of in an authorized manner.
 4. One foot of soil from beneath the liner and unloading pad shall be removed and disposed of in an authorized manner.
 5. After soil removal, six representative soil samples must be obtained from the bottom of the Main Waste Receiving Pit and three representative soil samples from the unloading pad area. These soil samples must be analyzed for the constituents listed in Condition XII.I. of the permit, and the constituent levels shall not be exceeded. Additional soil must be removed in any area where the constituent levels are exceeded.
 6. A map showing the sampling locations and copies of the analysis required by Condition XII.I. must be submitted to Technical Permitting in Austin. When acceptable constituent levels have been verified in writing by Technical Permitting, the Main Waste Receiving Pit shall be backfilled with clean fill and restored to natural grade. Topsoil must then be contoured and seeded with appropriate vegetation.

- C. Closure of the Centrifuge Pad and Separation Storage Areas shall be as follows:
 1. The centrifuge units shall be removed from the site and used at another facility or scrapped.
 2. The open-top mud tank, oil/water storage tanks and roll-off boxes must be decontaminated and removed from the site and scrapped.
 3. Liquids generated from the cleaning of the tanks will be transported off site and disposed of in an authorized manner.
 4. The concrete pad shall be demolished and the concrete rubble must be disposed of in an authorized manner.
 5. One foot of soil from beneath the Centrifuge Pad Area and the Separation Storage Area shall be removed and disposed of in an authorized manner.
 6. After soil removal, two representative soil samples must be obtained from the Centrifuge Pad Area and four samples from the Separation Storage Area. The soil samples shall be analyzed for the constituents listed in Condition XII.I. of this

permit and the constituent levels shall not be exceeded. Additional soil must be removed in any area where the constituent levels are exceeded.

7. A map showing the sampling locations and copies of the analysis required by Condition XIII.I. must be submitted to Technical Permitting in Austin. When acceptable constituent levels have been verified in writing by Technical Permitting, the area shall be restored to natural grade with clean fill.
- D. Closure of the Separated Solids Storage and Wash Out Areas shall be as follows:
1. The concrete surfaces of the Separated Solids Storage and Wash Out Areas shall be pressure washed and decontaminated.
 2. Liquids generated from the cleaning of the areas must be transported off site and disposed of in an authorized manner.
- E. Closure of Miscellaneous Structures shall be as follows:
1. The Chemical Storage Building and associated concrete pad must be demolished and transported off site for disposal.
 2. The storm water sump must be removed and transported off site for disposal.
- F. The perimeter berm shall be leveled, and the diversion ditch must be backfilled with soil from the berm.
- G. Provisions must be taken to prevent erosion both during and after closure activities.
- H. All monitoring wells must remain unplugged, and monitoring requirements must continue until written approval from Technical Permitting in Austin is granted for plugging the wells.
- I. Soil samples shall be analyzed, and the following closure limits for respective constituents must not be exceeded:

Constituent (units)	Closure Limit
pH (s.u.)	6.0 to 10.0
Electrical Conductivity (mmhos)	4.0
TPH (mass %)	1.0
BTEX (mg/kg)	30.0
Metals (mg/kg):	
Arsenic	10.0
Barium	10000.0
Cadmium	10.0
Chromium	100.0
Lead	200.0
Mercury	10.0
Selenium	10.0
Silver	200.0

- J. Technical Permitting and the San Antonio District Office must be notified in writing at least 45 days prior to commencement of any closure activity so that the Commission can monitor closure activities to assure compliance with the closure plan. Unless otherwise dictated by this permit, closure activities must be performed in accordance with the information contained in the original permit and subsequent information received to date.

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

Note:

Changed the expiration date of the permit from January 1, 2014, to May 20, 2018.



Doug Johnson, P.E.
Assistant Director
Technical Permitting

APPENDIX A

SITE ENTRANCE
INTERNAL ACCESS ROAD
TO BE CONSTRUCTED AS
NEEDED

SITE ENTRANCE
INTERNAL ACCESS ROAD
TO BE CONSTRUCTED AS
NEEDED

Specification	Northings	Eastings	Elevation
MW-1	2279833.59	386874.83	210.00
MW-2	2279822.70	3868775.47	210.00
MW-3	2279760.43	3868739.27	210.00
MW-4	2279758.53	3868761.60	210.00

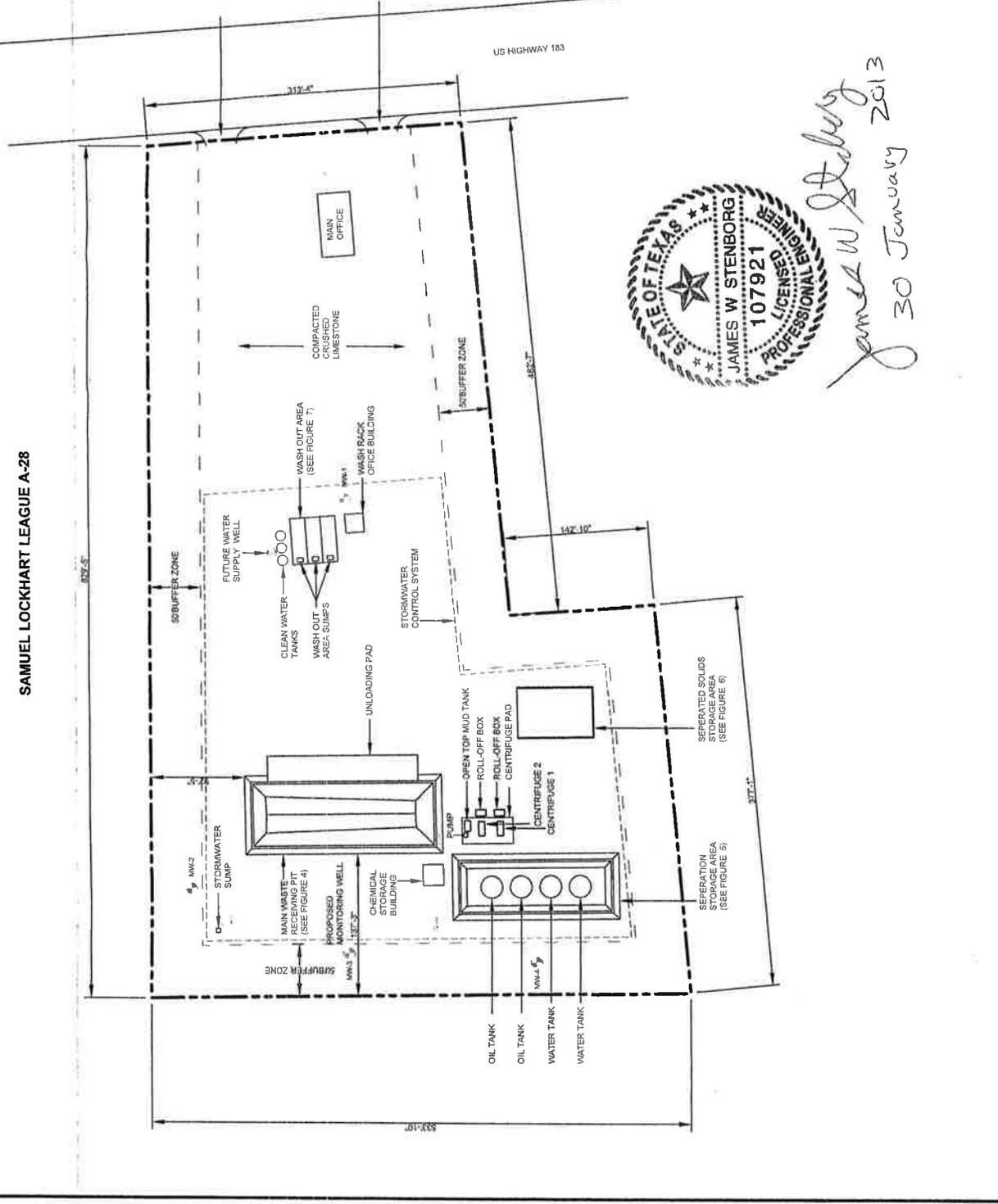
THE MONITORING WELL LOCATIONS ARE APPROXIMATE
• THE FINAL LOCATIONS WILL BE SURVEYED IN THE FIELD.

LEGEND

- PROPERTY BOUNDARY
- - - BUFFER ZONE
- STORMWATER CONTROL SYSTEM
- WATER SUPPLY WELL
- ⊕ PROPOSED GROUNDWATER MONITORING WELL

NOTES

1. PITS ARE NOT LOCATED WITH A RAILROAD COMMISSION LEASE



James W. Stenberg
30 January 2013

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMITTING PURPOSES ONLY	1/30/2013
2		
3		
4		
5		
6		
7		
8		
9		
10		