WATER WORX SYSTEMS LLC
PO BOX 1375
ANDREWS TX 79714

Based on information contained in the original application (Form R-9) received on July 21, 2008, the transfer request received on September 3, 2015; and the original Washout/Collecting Pit application (Form H-11) received June 7, 2012, the transfer request received on September 3, 2015, and the amendment request received on June 9, 2016, and subsequent information received to date you are hereby authorized to store, stage and reclaim oilfield related hydrocarbons designated herein:

Thornton Reclamation Facility
Thornton 17-2 Lease No. 39358
Latitude and Longitude 32.218566°, -102.691851
Andrews County, Texas
RRC District 08, Midland

NARRATIVE DESCRIPTION OF PROCESS:

The reclamation facility consists of a collecting/washout pit, a liquids unloading station, one gun barrel, heated tank, process oil tanks, and associated pumps and piping. Incoming solid wastes and/or wash-water are offloaded into collecting/washout pit prior and passively separated to being transferred to the heated tank for active separation, and then it will be pumped directly to the receiving tanks for temporary storage. Incoming liquid wastes are unloaded into the receiving tanks, then pumped to the gun barrel tank or transferred to the heated tank for further separation. Separated wastewater will be recycled or pumped to the on-site Class II injection well for disposal; the recovered oil fraction will be stored in 500-bbl oil tanks and sold; separated solid wastes will be stored in roll-off boxes and transported off-site for disposal.
Authority is granted to receive, store, handle, and treat certain nonhazardous oil and gas wastes and reclaim oilfield related hydrocarbons in accordance with 16 Texas Administrative Code (TAC), Title 16, Part 1, §3.57 (Statewide Rule 57) and TAC, Title 16, Part 1, §3.8 (Statewide Rule 8) and is subject to the following conditions:

I. GENERAL PERMIT CONDITIONS

A. The authority granted by Permit No. (R9 08-3849) is effective August 19, 2016.

B. The permittee may not receive, store, handle, or reclaim oil and gas wastes at the facility until financial security in the amount of $130,322 is provided and approved by the Railroad Commission of Texas (RRC) for the referenced location and associated permits. This amount provides financial security for all RRC permitted waste storage and treatment permits allocated for this facility (R9 08-3849 and P011817).

C. In accordance with TAC, Title 16, Part 1, §3.78 (Statewide Rule 78) the permittee shall maintain financial security in the amount of $130,322 until this reclamation plant and the washout pit have been closed in accordance with this permit. The financial security is for the Reclamation Plant Permit (R9 08-3849) and the Collecting/Washout Pit (P011817). Technical Permitting reserves the right to revise this amount, as necessary. Prior to any modification of this facility that would require increased financial security, an updated closure cost estimate must be submitted to Technical Permitting in Austin, and any additional financial security must be filed with and approved by the RRC prior to making that modification.

D. The permittee may not receive, store, handle, or treat oil and gas waste at the facility until all necessary air permits (if any) are obtained from the Texas Commission on Environmental Quality (TCEQ).

E. Technical Permitting in Austin and the appropriate RRC District Office must be notified in writing when construction of the facility begins, and when the facility is complete. The permittee may not receive, store, handle, or treat oil and gas waste at the facility until the RRC 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.

F. Use of the facility is limited to the treatment, processing, or reclamation of tank bottoms and other hydrocarbon wastes generated through activities associated with exploration, development, and production of crude oil and other wastes containing crude oil.

G. All waste haulers received at the facility must be RRC permitted Oil and Gas Waste Haulers and must have the subject facility listed as an authorized disposal
facility on their "Oil and Gas Waste Hauler's Authority to use Approved Disposal/Injection System", (Form WH-3).

H. This permit does not authorize the discharge from the facility of any oil and gas waste, including contaminated or contact storm water.

I. A copy of the site-specific Spill Prevention Control and Countermeasure (SPCC) Plan must be maintained on-site and made available to RRC staff for review and inspection upon request.

J. Any soil additives, bioaccelerators or treatment chemicals must be approved by Technical Permitting prior to use at the facility.

K. Safety Data Sheets (SDS) must be submitted to Technical Permitting in Austin for any chemical or compound proposed to be used in the treatment of waste at the facility. Use of the chemical is contingent upon RRC approval. All chemicals must be stored according to the manufacturer's specifications.

L. All chemical laboratory analyses required to be performed in accordance with this permit must be performed using appropriate Environmental Protection Agency (EPA) Methods or Standard Methods by an independent National Environmental Laboratory Accreditation Program (NELAP) certified laboratory neither owned nor operated by the permittee. Any sample collected for laboratory analysis must be collected and preserved in a manner appropriate for that analytical method as specified by 40 CFR, Part 136. All geotechnical testing is to be performed utilizing tests standardized by the American Society for Testing and Materials (ASTM) and certified by a Texas licensed Professional Engineer.

M. An On-Site Sewage Facility (OSSF) may be constructed, operated, and maintained within the boundaries of the subject facility without an additional permit from the RRC if: the OSSF waste is not commingled with any other oil and gas waste; the system is designed by a Professional Engineer registered in the state of Texas or a sewage system installer licensed in the state of Texas; and the construction, operation, and maintenance of the OSSF complies with all applicable local, county, and state requirements.

N. Prior to beginning operations, the facility shall have procedures in place to prevent unauthorized access. Access shall be maintained by a 24-hour attendant or a six foot high security fence and a locked gate when the facility is unattended. Fencing shall be required unless terrain or vegetation prevents vehicles or livestock access except through entrances with lockable gates.

O. Unless otherwise required by conditions of this permit, construction, use, and maintenance of the facility must be in accordance with the information represented on the "Application For Permit To Operate A Reclamation Plant" (Form R-9) provided and incorporated into this permit as Permit Appendix A and attachments thereto.

P. Any deviation from this permit must be approved by amendment from Technical Permitting in Austin before implementation.
Q. The permit to operate a reclamation plant (R9 08-3849) shall remain in effect until canceled at the request of the operator, the permitted facility has been inactive for 12 months, or there has been a violation, or a violation is threatened, of any provision of the permit, the conservation laws of the state, or rules or orders of Statewide Rule 57(c) (7).

R. Pit Permit No. P010817 may be considered for administrative renewal upon review by the RRC. Any request for renewal should be received at least 60 days prior to the permit expiration date.

S. The permittee must make all records required by this permit available for review and copying during normal business hours upon request of RRC personnel.

T. This permit is nontransferable without consent of the RRC. Any request for permit transfer must be filed with Technical Permitting in Austin at least 60 days before the permittee wishes the transfer to take place.

U. The permittee shall submit a Quarterly Report according to the following:

1. The report shall contain applicable information as required in Conditions II.B., II.C., IV.M and IV.N. of this permit.

2. The quarterly reporting periods shall 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.

3. The quarterly reports must be submitted to Technical Permitting and the appropriate District Office no later than the 28th day of the month following each reporting period, or each April 28th, July 28th, October 28th and January 28th respectively.

4. An Executive Summary shall be included that describes facility operations and relevant activities that occurred during the specific quarter.

V. Failure to comply with any provision of this permit shall be cause for modification, suspension, termination or cancellation of this permit if Technical Permitting determines that the permittee is in violation of RRC rules.

II. INCOMING AND OUTGOING WASTES

A. AUTHORIZED WASTES

1. Only oil and gas wastes subject to the jurisdiction of the RRC that are nonhazardous or exempt from Resource Conservation and Recovery Act (RCRA), Subtitle C may be received or processed at this facility. This permit authorizes the receipt of only the following oil and gas wastes:
   a. Tank bottoms; and
   b. Other hydrocarbon wastes as defined by Statewide Rule 57 (2).

2. No oil and gas Naturally Occurring Radioactive Material (NORM) waste as defined in 16 TAC §4.603 or waste from a facility that is licensed by
the Texas Department of State Health Services (DSHS) to process or treat oil and gas NORM waste may be received at this facility.

3. No other waste may be accepted at this facility.

B. TESTING REQUIREMENTS FOR INCOMING WASTES

1. The operator of the reclamation plant must conduct a shakeout test on all tank bottoms or other hydrocarbon wastes upon removal from any producing lease tank, pipeline storage tank, or other production facility, to determine crude oil content and lease condensate thereof.

2. The shakeout test shall be conducted in accordance with the most current American Petroleum Institute (API) or ASTM method.

3. Each load of incoming waste must be scanned for the presence of 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.

C. RECORDKEEPING REQUIREMENTS

1. Details of receipts, deliveries and stock on hand must be reported monthly on the Form R-2, Monthly Report for Reclaiming and Treating Plants. Submit the original of the Form R-2 report directly to Technical Permitting in Austin and a copy of the report to the appropriate District Office by the 15th day of the calendar month following the month of the report. Form R-2 shall be completed in accordance with Statewide Rule 57.

2. 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:

   a. Description of the site where the waste was generated, including:

      (1) Generator name;

      (2) Lease name and number and well number(s), or gas ID number(s), or API well number(s); or latitude and longitude coordinates in decimal degrees if waste was not generated on a lease; and

      (3) County

   b. Name and RRC permit number of the transporter;

   c. Date the waste is received; and

   d. Volume of the waste material (specify units).

3. The permittee shall maintain the following records on each load of waste removed at the facility for a period of three (3) years from the date of receipt:
a. Date waste is removed and hauled to a disposal facility;
b. Name and permit number of the transporter;
c. Volume of each shipment of waste hauled to a disposal facility;
d. Type of waste (basic sediment, water, water-based mud, etc.); and
e. Name and permit number of the facility to which the waste was disposed.

III. RECLAMATION PROCESS (PERMIT NO. R9 08-3849)

A. Use of the reclamation plant is limited to the treatment, processing, or reclamation of tank bottoms and other hydrocarbon wastes generated through activities associated with exploration, development, and production of crude oil and other wastes containing crude oil.

B. The “Application For Permit To Operate a Reclamation Plant” (Form R-9), which is attached as Permit Appendix A, grants authority for the reclaiming of oil field related hydrocarbons and does not cover reclamation of any refined products. Commingling or blending of refined products with crude is not permitted unless written authority is granted by the RRC’s Director of Field Operations following a formal written request for such blending by the reclamation plant operator. Any deliveries made containing products or crude blended with products must be clearly identified on the RRC Form R-2 as “Products” or “Crude Blended with Products.”

C. The removal of tank bottoms or other hydrocarbon wastes from the facility for which a monthly report (Form R-2) is not filed with the RRC must be authorized in writing by the RRC prior to such removal. A written request for such authorization must be sent to Technical Permitting in Austin, and must detail the location, description, estimated volume, and specific origin of the material removed, as well as the name of the reclaimer and intended destination of the material.

D. The receipt of any tank bottoms or other hydrocarbon wastes from outside the State of Texas must be authorized in writing by the RRC prior to such receipt. Written approval from the RRC is not required if another regulatory agency indicates, in the appropriate monthly report, a corresponding delivery of the same material.

E. The reclamation facility must be clearly identified with signs showing the name of the plant operator and permit number in letters and numerals at least three inches in height.

IV. CONSTRUCTION AND GENERAL OPERATIONS

A. The general layout and arrangement of the facility shall be consistent with the “Andrews County Facility Site Diagram”, schematic received October 23, 2015, which is attached to and incorporated into this permit as Permit Appendix B.

B. The facility shall consist of the following waste management unit designations:
   1. Collecting/Washout Pit:
2. Reclamation Equipment and Tank Containment Area:
   a. One 210-bbl heated tank;
   b. One 480-bbl Saltwater storage tank;
   c. One 1000-bbl Saltwater storage tank;

3. Saltwater Disposal (SWD) Tank Containment Area:
   a. One 750-bbl gun barrel tank;
   b. Six 500-bbl processed oil tanks;
   c. Four 300-bbl Saltwater storage tanks;
   d. One 500-bbl Saltwater tank;
   e. One 500-bbl frac tank.

C. The reclamation facility and the tanks listed above are limited to having no more than 7,640 bbls of unprocessed and processed oil and gas waste and 40 cubic yards of solids resulting from the reclamation process onsite at any given time.

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

E. All wastes generated by reclaiming operations shall be disposed of in an authorized manner.

F. No waste, treated or untreated, may be placed on the ground. All untreated and treated waste must be stored in steel tanks or in steel water-tight roll-off boxes.

G. Any spill of waste, treatment chemicals, or any other waste material must be collected and containerized within 24 hours, and processed through the treatment system or disposed of in an authorized manner.

H. Any chemical used in the treatment process shall be stored in vessels designed for the safe storage of the particular compound and these vessels shall be maintained in a leak free condition.

I. All storage tanks, equipment and roll-off boxes must be maintained in a leak-free condition. If inspection of a tank or storage vessel reveals deterioration or leaks, the tank must be repaired before resuming use of the tank.

J. A perimeter berm that surrounds the entire facility must be constructed and maintained to provide a physical barrier to prevent potential run-on and/or runoff of stormwater. The perimeter berm must be constructed to a minimum height of at least two feet above grade with a slope no steeper than a one to three slope (vertical to horizontal) ratio.

K. Berms or containment structures must be constructed around all waste management units and must be compacted or constructed of material that meets or exceeds 95% Standard Proctor (ASTM D698) or 90-92% Modified Proctor (ASTM D1557) density. Each berm shall maintain a slope no steeper than a three
to one (horizontal to vertical) ratio unless constructed of concrete or equivalent material (firewalls). These structures must be used to divert non-contact storm water around the waste management areas and contain and isolate storm water within the waste management units. Refer to the storm water management requirements specified in Permit Conditions VI.

L. All the storage tanks containing fluid waste or fuel shall be contained within dikes. Secondary containment of 120% total storage capacity is recommended, however a minimum capacity consistent with the EPA rules governing Spill Prevention Control and Countermeasure (SPCC) Plans that will capture 100% of capacity of the largest tank and the volume of a 25 year/24-hour rainfall event for Andrews County is acceptable.

M. Each month an inspection of the entire facility must be performed on all concrete slabs, processing equipment, berms, and aboveground storage tanks for deterioration, leaks and spills. Records of each inspection must be kept on-site and submitted as part of the Quarterly Report required by Condition I.U. of this permit.

N. The following records must be submitted and maintained for a period of three (3) years from the date of the inspection as required by Condition IV.M:

1. The results of the monthly inspection of concrete slabs, berms and firewalls within the facility for evidence of deterioration, leakage, or storm water run-on, and a description of the 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 the 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 the corrective action taken, if any.

V. CONSTRUCTION AND OPERATION OF COLLECTING/WASHOUT PIT (P011817)

A. The general layout and arrangement of the Collecting/Washout (P011817) Pit must be constructed and arranged as shown on the “Truck Washout Pit” Permit Appendix C.

B. A sign shall be posted identifying the Collecting/Washout Pit by permit number using letters and numbers at least three inches in height.

C. Use of the pit is limited to the collection of drilling fluids, solids to be processed at the reclamation plant and wastewater from the washout of trucks. No other oil field fluids or oil and gas wastes may be stored or disposed of in the pit.

D. The Collecting/Washout Pit must be 50-feet long by 25-feet wide and 4-feet deep. The pit must be lined with reinforced concrete with a minimum thickness of 6-inches. The concrete pit walls shall be 9-inches in height and 13-inches wide.
E. The usable capacity for the pit shall not exceed 250 barrels.

F. At least one foot of freeboard must be maintained between the fluid level in the pit and the top of the concrete wall of the pit.

G. The land surface must be graded such that all surfaces slope away from the pit so as to eliminate any surface flow stormwater from entering the pit.

H. The concrete liner must be installed and maintained in accordance with best management and sound engineering practices.

I. The pit must be emptied and visually inspected annually for deterioration and leaks. A record of this inspection and photographs of the interior of the pit must be maintained for the life of the pit. The Midland District Office must be notified by phone or email at least 48 hours before emptying the pit for inspection.

J. The concrete liner must be inspected whenever evidence of liner leakage arises. If inspection of the liner reveals a leak or other loss of integrity, the liner must be replaced or repaired and re-inspected by RRC personnel before resuming use of the pit.

K. No oil may be allowed to accumulate on top of the water or wastes stored in the pit. Any oil on top of the liquids must be skimmed off and handled in accordance with RRC rules. 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.

L. This permit does not authorize the discharge of waste from the pit to the surface or surface water.

M. Unless otherwise required by conditions of this permit, construction, use, and maintenance of the pit must be in accordance with the information represented on the application (Form H-11) and attachments thereto.

VI. STORMWATER CONTROL

A. The facility must be designed and constructed to contain contact storm water and prevent run-on of non-contact storm water.

B. This permit does not authorize the discharge of oil and gas waste or stormwater that has come into contact with oil and gas waste.

C. Any storm water within the containment firewalls of above ground storage tanks or within any pit will be considered contact storm water. Contact stormwater designated areas of the facility must be collected and containerized within 24 hours and disposed of in an authorized manner or used in the treatment process.

D. Stormwater collected in the treatment facility area must be disposed of in an authorized manner.
E. A discharge permit from the EPA may be required for non-contact stormwater discharges. If required, the permit from the EPA must be in place prior to commencement of discharge operations.

VII. FACILITY CLOSURE

A. Technical Permitting and the Midland District Office must be notified in writing at least 45 days prior to commencement of closure activities. The permittee must submit a closure plan to Technical Permitting in Austin to be reviewed and approved prior to closure activities beginning.

B. At facility closure all waste, chemicals, and waste materials must be processed through the facility and removed from the facility for authorized reuse or disposed of in an authorized manner.

C. Processing equipment, aboveground storage tanks and associated piping, and any other relevant equipment must be removed from the facility.

D. Provisions must be taken to prevent erosion both during and following site closure.

E. The entire facility must be contoured and backfilled as necessary to original grade and re-vegetated as needed.

F. Closure of the Collecting/Washout Pit (P011817) shall be as follows:
   1. All waste must be removed from the pit and disposed of in an authorized manner.
   2. The concrete shall be cleaned, demolished and the concrete rubble and washwater must be disposed of in an authorized manner.
   3. 12 inches of soil from beneath the concrete shall be excavated, removed and disposed of in an authorized manner.
   4. After soil removal, two representative soil samples must be obtained from the bottom of the pit. These soil samples must be analyzed for the Parameters listed in Condition VII.H. of this permit. Additional soil must be removed in any area where the Parameters Limitations have been exceeded.

G. Closure of the Reclamation Equipment and Containment Tank Areas shall be as follows:
   1. All earthen berms shall be leveled to grade and contoured.
   2. 12 inches of soil from beneath the storage tanks and frac tanks shall be excavated, removed and disposed of in an authorized manner.
   3. After soil removal, six representative soil samples must be obtained from the reclamation area, and from the bottom of the tank batteries and frac tanks (One per tank). These soil samples must be analyzed for the Parameters listed in Condition VII.H. of
this permit. Additional soil must be removed in any area where the Parameters Limitations have been exceeded.

H. Soil samples required by Permit Condition VII.F. and VII.G. must be analyzed for the following parameters and shall not exceed the specified limitations:

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>LIMITATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>6 to 10 standard units</td>
</tr>
<tr>
<td>EPA Method 9045C</td>
<td></td>
</tr>
<tr>
<td>Electrical Conductivity (EC)</td>
<td>≤ 4.0 mmhos/cm</td>
</tr>
<tr>
<td>Louisiana Dept. of Natural Resources Lab Procedures for Analysis of Exploration &amp; Production Waste or equivalent</td>
<td></td>
</tr>
<tr>
<td>Total Petroleum Hydrocarbons (TPH) EPA Method 5035A/TX1005</td>
<td>≤ 10,000 mg/kg or 1% by weight</td>
</tr>
<tr>
<td>Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) EPA Method 5035A/8021/8260B</td>
<td>≤ 30 mg/kg</td>
</tr>
<tr>
<td>Metals (Total) EPA Method 6010/6020/7471A</td>
<td></td>
</tr>
<tr>
<td>Arsenic</td>
<td>≤ 10 mg/kg</td>
</tr>
<tr>
<td>Barium</td>
<td>≤ 10,000 mg/kg</td>
</tr>
<tr>
<td>Cadmium</td>
<td>≤ 10 mg/kg</td>
</tr>
<tr>
<td>Chromium</td>
<td>≤ 100 mg/kg</td>
</tr>
<tr>
<td>Lead</td>
<td>≤ 200 mg/kg</td>
</tr>
<tr>
<td>Mercury</td>
<td>≤ 10 mg/kg</td>
</tr>
<tr>
<td>Selenium</td>
<td>≤ 10 mg/kg</td>
</tr>
<tr>
<td>Silver</td>
<td>≤ 200 mg/kg</td>
</tr>
</tbody>
</table>

I. A summary of the soil sampling required by Permit Condition VII.F. and VII.G. must include:

1. A map drawn to scale with coordinates of the sampling locations;
2. A table indicating the results of the parameters sampled;
3. The date of sampling;
4. The approximate depth of the sample below land surface;
5. Copies of the Laboratory Analytical reports and Chain of Custody.

J. Any soil sample that exceeds the parameter limitations specified in Permit Condition VII.H. is considered waste and must be disposed of at an authorized disposal facility.
K. Once the results of the closure activities have been approved by the RRC, the washout pit, storage tank areas, and processing areas must be backfilled and compacted. All wastes, including liners, must be removed and disposed of in an authorized manner. All berms must be leveled, and the site must be restored to natural grade. Topsoil must be contoured and seeded with appropriate vegetation for the geographic region.

L. Final grading of the storage and processing areas must be accomplished in such a manner that rainfall will not collect in the former waste processing and storage area locations after closure. Upon final closure, the appropriate RRC District Office and Technical Permitting in Austin shall be notified in writing.

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

APPROVED AND ISSUED ON August 19, 2016

[Signature]
Grant Chambless, P.G., Manager
Environmental Permits & Support
Technical Permitting

Attachments;
(Form R-9)
Appendices A (Form R-9), B and C

Cc:
RRC District 08, Midland
RRC- Reporting Log - Austin
RRC- Production Audit

Notes:

1. Removed Permit Condition II.C. that was in the previous permit that was issued on February 1, 2016.
Permit Appendix A

"Application for Permit to Operate a Reclamation Plant"

(Form R-9)
APPLICATION FOR PERMIT TO OPERATE
A RECLAMATION PLANT

1. OPERATOR NAME, exactly as shown on P-5, Organization Report
   WATER WORX SYSTEMS LLC

2. OPERATOR P-5 NO. 900936
3. RRC DISTRICT NO. 08
4. COUNTY OF PLANT LOCATION ANDREWS

5. OPERATOR ADDRESS, including city, state, and zip code
   PO BOX 1375 ANDREWS, TX 79714

6. PURPOSE OF FILING
   ☒ New permit for existing facility. Name of previous operator: ANDREWS COUNTY WASTE DISPOSAL
   ☐ New permit for new facility. Estimated completion date: ____________________________
   ☐ One-time renewal of existing permit

7. TYPE OF FACILITY
   ☒ Permanent
   ☐ Portable

8. Driving directions from the nearest town (identify town).
   From Andrews, Texas (intersection of 115 and 385) go 11.5 miles S.W. State Hwy 115. Turn right and go north on SW 5001 about 1/2 mile. See facility on left.


10. Material transported to plant in (see Inst. No. 9)
    ☐ vehicles owned by applicant
    ☒ for-hire vehicles
    ☐ both applicant’s and for-hire vehicles

11. Identify all oil and/or gas-related facilities located within 100 yards of facility. (example: well, pipeline, saltwater disposal facility, tank battery, etc.)

   TYPE OF FACILITY
   None

CERTIFICATION. I certify under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that it was prepared by me or under my supervision and direction, and that the data and facts stated herein are true, correct, and complete to the best of my knowledge.

Matthew Lane Thornton
Managing Partner

SIGNATURE
NAME (print or type)
432-355-4239
11-12-15
PHONE
DATE

TO BE COMPLETED BY RAILROAD COMMISSION PERSONNEL

This permit is valid until cancellation under either of the following conditions:
1. The above named operator requests cancellation in writing.
2. The commission cancels the permit after notice and opportunity for hearing because
   a. the permit facility has been inactive for 12 months or
   b. there has been a violation or a violation is threatened by any provision of the permit, the conservation laws of the state, or rules or orders of the Commission.

This permit is non-transferable. The financial assurance filed in support of this application shall be renewed and continued in effect until its conditions have been met or released is authorized by the Commission. The facility schematic diagram is to be kept with this permit. Permit and diagram are to be kept at facility.

Serial/registration no. 08-3849

February 4, 2016

C 463-4354

Signature of RRC representative
Name (type or print)
Phone No.

ALL WASTES GENERATED BY RECLAIMING OPERATIONS SHALL BE DISPOSED OF IN ACCORDANCE WITH STATEWIDE RULES, 8, 9, AND 46 (RELATING TO WATER PROTECTION, DISPOSAL WELLS, AND FLUID INJECTION)
Permit Appendix B

"Andrews County Facility Site Diagram"
Identification Index
A=500 Bbl Welded Steel Tank
B=500 Bbl Welded Steel Tank
C=500 Bbl Welded Steel Tank
D=500 Bbl Welded Steel Tank
E=300 Bbl fiberglass Tank
F=300 Bbl fiberglass Tank
G=300 Bbl fiberglass Tank
H=300 Bbl fiberglass Tank
I=750 Bbl fiberglass Tank Separator
J=500 Bbl fiberglass Tank
K=500 Bbl Welded Steel Tank
L=500 Bbl Welded Steel Tank
M=500 Bbl Steel Frac Tank
N=1000 Bbl Welded Steel Tank
O=210 Bbl Welded Steel Tank
P=480 Bbl Welded Steel Tank
Q=Poly Composite Fresh Water Holding Tank
R=50 ft X 25 ft Permitted Wash Pit

All tanks and pit are completely empty and cleaned
Permit Appendix C

“Truck Washout Pit”
TRUCK WASHOUT PIT

LAND IS BASICALLY FLAT, WITHIN A 1° TO 3° SLOPE.

CONCRETE BARRIER TO KEEP RUNOFF OUT

GROUND LEVEL

9° CONCRETE BARRIER

APPROXIMATE SLOPE OF PIT IS 4.75°

6 INCHES THICK

LENGTH 50 FEET

DEPTH @ BASE 4 FEET

GROUND LEVEL

DEEPEST POINT OF TRUCK WASHOUT IS 4 FEET

BACK OF PIT VIEW

13 INCH

CONCRETE WALL

TOP OF WALL 9 INCH LIP

2 FEET FREEBOARD

GROUND LEVEL

9 INCH LIP

6 INCH CONCRETE BOTTOM

4 FEET DEEP

25 FEET WIDE

4 FEET DEEP

THIS IS A TRUCK WASHOUT - FLUID IS REMOVED FROM PIT WHEN THE TRUCK IS CLEANED.

SCALE: 1" = 4'

CONCRETE WALL ALL THE WAY ACROSS