

**APPENDIX K – E & P WASTE MANAGEMENT AND OPERATIONS  
PLAN**

*E&P Waste Management and Operations Plan including a detailed statement of the proposed method of operation and procedures for the receipt, storage, treatment and/or disposal of E&P Wastes (Section 519.C.11 & Section 515)*

An E&P Waste Management and Operations Plan including a detailed statement of the proposed method of operation and procedures for the receipt, storage, treatment and/or disposal of E&P Wastes included in this section. The WMOP will be updated as necessary at the request of the commissioner to take into consideration any changes or modifications made at the facility in accordance with LAC 43:XIX:515.A.

## E and P WASTE MANAGEMENT AND OPERATIONS PLAN

### 1. Facility Description

By definition in LAC Title 43, Part XIX, Subpart 1, Chapter 5 Statewide Order 29-B, the PA Prospect Corporation (PA Prospect) Salt Water Disposal (SWD) Facility (The Facility) is a Class II, Type B Facility – a commercial E and P Waste disposal facility within the state that utilizes underground injection technology for the receipt, storage, treatment, and disposal of only saltwater or other E and P waste fluids (liquids) for a fee or other consideration in accordance with LAC Title 43, Part XIX, Subpart 1, Chapter 5 Statewide Order 29-B.

### 2. Disposal Rates and Volumes of Waste Processed Daily by the Proposed Facility

#### A. Average Daily Waste Volume

- The average volume of waste that enters The Facility is estimated at 15,000-barrels per day.

#### B. Average Daily Disposal Rate.

- The average daily disposal rate is estimated at 15,000-barrels per day and at approximately 10.4-barrels per minute.

The maximum daily rate of waste disposal is estimated at 25,000-barrels per day and at approximately 17.4-barrels per minute.

### 3. Description of Type of Waste Received and Processed by The Facility

The following “types” of waste are processed, stored, and injected down hole into an onsite disposal well at The Facility on a daily basis:

*Exploration and Production Waste (E and P waste)* - drilling wastes, salt water, and other liquid wastes associated with the exploration, development, or production of crude oil or natural gas wells and which is not regulated by the provisions of, and, therefore, exempt from the Louisiana Hazardous Waste Regulations and the Federal Resource Conservation and Recovery Act, as amended. E and P Wastes to be injected into the onsite disposal wells at The Facility on a daily basis include:

#### A. Type 01 Defined as:

Salt water (produced brine or produced water), except for salt water whose intended and actual use is in drilling fluids, workover or completion fluids or in enhanced mineral recovery operations, process fluids generated by approved salvage oil operators who only receive oil (BS and W) from oil and gas leases, and nonhazardous natural gas plant processing waste fluid which is or may be commingled with produced formation water.

## B. Type 04 Defined as:

Completion, workover, and stimulation fluids.

## C. Type 08 Defined as:

Produced formation fresh water.

## D. Type 09 Defined as:

Rainwater from firewalls, ring levees, and pits at drilling and production facilities.

## E. Type 10 Defined as:

Washout water and residual solids generated from the cleaning of containers that transport E and P waste and are not contaminated by hazardous waste or material; washout water and solids (E and P waste Type 10) is or may be generated at a commercial facility or transfer station by the cleaning of a container holding a residual amount of E and P Waste.

## F. Type 11 Defined as:

Washout pit water and residual solids from oil field related carriers and service companies that are not permitted to haul hazardous waste or material.

## G. Type 14 Defined as:

Pipeline test water which does not meet discharge limitations established by the appropriate state agency, or pipeline pigging waste, i.e., waste fluids/solids generated from the cleaning of the a pipeline.

## H. Type 15 Defined as:

E and P wastes that are transported from the permitted commercial facilities and transfer stations to permitted commercial treatment and disposal facilities, except those E and P waste defined as waste Types 01 and 06.

## I. Type 16 Defined as:

Crude oil spill clean-up waste.

## J. Type 99 Defined as:

Other E and P waste not described above (shipment to a commercial facility or transfer station must be preapproved prior to transport).

PA Prospect intends to receive only the liquid portions of Waste Types 15, 16, and 99 at The Facility.

**4. Description of Methods Followed to Assure Proper Handling of the Origination of the Waste Through the Final Disposal at the Proposed Facility**

All E and P waste must be accompanied by a properly completed manifest (“E and P Waste Shipping Control Ticket” (Form UIC-28)) to be accepted into The Facility. This waste movement and disposal monitoring method must include the following:

**A. Generator and Transporter**

1. The generator or initiator of the waste must possess an operator code number and complete and sign Part I of the Form UIC-28.
2. The transporter of the waste must then complete and sign Part II of the Form UIC-28.
3. The generator of the waste shall retain the “Generator Copy No. 1” (green) for his files. All other copies accompany the E and P waste shipment to the disposal facility or transfer station.

**B. Transporter and Disposal Facility**

1. Upon delivery to The Facility, PA Prospect-assigned personnel will measure for percent solids (less than a maximum of 10% solids will be accepted) and perform required testing prior to accepting any load E and P waste as required by LDNR regulations. Upon completion of the tests (pH, Chloride, and Conductivity), PA Prospect will document the results on the UIC-28 and sign Part III of the manifest.
2. The transporter shall retain “Transporter’s Copy” (pink) for his files.

**C. Disposal Facility and Generator**

1. Upon the completion of the manifest, The Facility will mail the “Generator Copy No. 2” to the generator.

**D. Disposal Facility Records**

1. The original manifest for each load received at The Facility will be stored in a secure area at the Facility. An accurate system of filing of these manifests will be provided for review during inspections or audits.

2. The manifests for the current months and prior months are to be kept at The Facility.
3. These original manifests are kept at The Facility for a period of three (3) years.

E. Disposal Facility and Office of Conservation

1. A monthly report of E and P waste receipts will be completed on Form UIC-19, "Commercial Facility Monthly Report of Waste Receipts" and UIC-19A "Commercial Facility Monthly Summation of Waste Receipts". These reports will be submitted within 15 days after the end of each month to the following address:

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

2. Out-of-state movement of E and P waste requires the same manifest system as within the State of Louisiana.

DNR's website currently shows a UIC-19A

F. Refusal to Accept Unauthorized Waste

It is forbidden to accept E and P waste without a properly completed manifest form in accordance with LAC 43:XIX.545.A. The Facility will not accept E&P waste without a properly completed manifest form in accordance with LAC 43:XIX.545.A as discussed above. Should The Facility refuse to accept a load of unauthorized waste (not meeting the definition of E and P waste); the Office of Conservation shall be notified immediately by electronic submission (facsimile) with the following data:

1. A completed Form UIC-26 "Waste Refusal Notification".
2. The manifest that accompanied the shipment of unauthorized waste.
3. The generator and transporter will be identified in these facsimile transmissions.

**5. The Facility's Acceptance, Storage, and Disposal Procedures for Waste Delivered from a Generator with an Operator's Code.**

The following is a description for accepting the approved "Types" of Waste at The Facility:

- A. A PA Prospect employee trained in unloading procedures will witness the entry of the waste into The Facility. This trained employee will supervise the waste entering The Facility Monday through Sunday. PA Prospect trained employee(s) will also witness, accept, and process the entry of waste into The Facility. To limit unauthorized access, The Facility has a locked gate at the entrance and a six (6) foot chain link fence surrounding the permitted commercial facility. E and P waste will be received by truck 24-hours daily. A trained employee of PA Prospect will be at The Facility during the hours of operation to monitor facility operations and injection/pumping of E and P waste.

PA Prospect only intends to receive E&P Waste liquids for disposal via deep well injection

- B. Each load of salt water or liquids delivered to the facility will be measured for percent solids and analyzed for the following parameters by an on-duty trained employee of PA Prospect:
1. Chloride Content
  2. Electrical Conductivity
  3. pH

All analysis will be conducted in accordance with "Laboratory Procedures for Analysis of Exploration & Production Waste" provided by the Office of Conservation, Environmental Division.

- C. The results of the testing procedure are recorded on the Form UIC-28 prior to unloading each load of waste.
- D. An eight ounce sample of each load is collected, dated, and labeled with the manifest number and operator identification. The sample will be kept on site for thirty 30 days. The collected samples are stored in a separate area with minimum exposure to individuals at The Facility.
- E. Test results are kept on file for a period of three years for future review by the Commissioner or his representative.
- F. A load of approved "Types" of waste enters The Facility through a security gate and is directed to a 62' X 72' cement slab to prepare for the unloading procedures. A sign at the entrance mandates that truck engines will be turned off upon entry and parking on the unloading pad to prevent any accumulation of fumes under the covered unloading area. LEL alarms installed at the unloading pad are set to go off if dangerous levels of fumes accumulate and facility personnel will additionally be equipped with personal H<sub>2</sub>S meters to alert for hazardous conditions. If the LEL alarms or personal H<sub>2</sub>S alarms go off while unloading, unloading operations will be immediately shut down and

personnel on the unloading pad will proceed immediately upwind from the unloading pad until hazardous fumes are no longer a threat. All personnel at The Facility will be accounted for and will stage in a safe area, until it is deemed safe to return The Facility to normal operation. Investigation into the cause of the event will be discussed and a cause determined to prevent repeats of potential safety threats in the future. Facility personnel will make sure that the truck engines remain off until the tank truck is ready to pull out of the unloading area after unloading. The concrete unloading pad is bermed on four sides with 6-in. roll over berms to prevent any offsite releases. The unloading pad is slightly sloped towards an integrated concrete sump equipped with a float actuated sump pump to prevent the accumulation of any fluids on the unloading pad. Any fluids from the sump are sent to the tanks in the containment to be ultimately disposed of in the disposal wells. After taking a sample of the tank truck's contents, a 4-in. flexible hose is connected to the tail end of the tank truck to allow the contents to be pumped by centrifugal pumps through screen baskets to a manifold where it is directed through one (1) 750-barrel desander tank. The fluids will then be sent through one (1) of three (3) 1,000-barrel fiberglass surge tanks for solids separation and some minimal hydrocarbon separation. The fluids will then be transferred via centrifuge pumps through one (1) of two (2) 1,000-barrel fiberglass gun barrels for separating hydrocarbons from the water. The separated hydrocarbons are skimmed from the tops of the 1,000-barrel surge tanks and siphoned from the gun barrels and transferred to two (2) 500-barrel fiberglass oil tanks. Fluid from the gun barrels is directed to one (1) of two (2) series of two (2) 750-barrel fiberglass saltwater tanks for solids separation and some minimal, additional hydrocarbon separation prior to being disposed of in the approved injection wells. There is spacing left for two (2) additional 750-barrel fiberglass saltwater tanks to be placed in the future if the need arises. Prior to constructing any new structures or adding new equipment, a minor modification request will be submitted to the Department of Natural Resources Environmental Division for approval before work begins. Fluid from the four (4) 750-barrel saltwater tanks are then transferred via charging pumps to one (1) of the two (2) H-pumps which will be outside of the tank battery and have a 27'x19'3"x4" containment, then transferred to one (1) of the two (2) approved SWD wells. Flow meters installed at the approved SWD wells will record volumes disposed. The entire system is contained by a 4-ft. concrete containment that is slightly sloped towards the center. A drainage trough traverses the center of the containment and sloped towards a collection sump to contain and collect any storm water, spills or leaks.

Once the oil in the 500-barrel fiberglass oil tanks is deemed in condition to be sold, an approved transporter will be notified to pick up the oil. When the transporter arrives on-site, a sample of the oil will be collected and the water percentage will be determined. If the oil is deemed acceptable, the driver will gauge the tank to determine the volume of oil in the tank. The oil will be transferred from the two (2) 500-barrel oil tanks to the load out line. The load out line has a polypropylene containment around the unloading valve to

prevent any spills during the unloading process. The driver will then connect the suction hose to the loading valve in the polypropylene containment. The loading valve will be opened, the tank valve will be opened and the valve at the truck will be opened with the vacuum pump running. The driver will monitor the truck compartment with the site gauge and the tank the driver is pulling from with the gauge line. The onsite personnel for PA Prospect will be monitoring all activities and assisting the driver. Once the tanker is near capacity the driver will slow the vacuum pump down reducing the vacuum being pulled to move oil. The tank valve will be closed then the loading valve in the polyethylene container will be closed. The valve at the truck will be closed and disconnected. A five (5) gallon bucket will be placed beneath the hose and truck connection. The hose will then be disconnected at the loading valve in the polypropylene containment. Any spilled product in the five (5) gallon bucket or the polypropylene containment at the loading valve will be returned to the oil storage tank. Absorbent pads will be in place to absorb any minor amounts of oil that may be spilled. Fresh water connections are provided at the unloading pad and four sides of the containment to rinse off the containment floors and keep them clean. All tanks will be closed top tanks, vented past the containment perimeter. The integrity of the concrete unloading containment area and the concrete containment will be visually inspected on a daily basis for any cracks or problems which might compromise proper containment and for any evidence of unauthorized discharge.

- G. Any spillage during the unloading procedure is contained on the concrete slab as a result of the 6-in. drive over berms around four sides of the unloading pad. Any spilled fluid flows from the slightly sloping unloading pad towards an integrated, seamless concrete sump with an automated sump pump. Any accumulating fluid is immediately pumped by an automated sump pump to the inlet manifold at The Facility where the sump fluids are commingled with other approved E and P waste. The sump is integrated concrete within the unloading area and the 6-in. concrete curb containment. The storage tanks at The Facility are enclosed by a 101' x 186' x 4" concrete floor surrounded by a 4-ft. high concrete containment wall, having a spill containment capacity of approximately 13,000 barrels within containment. The floor of the tank containment area is sloped slightly towards the integrated concrete trough in the center of the containment floor which is also sloped towards the sump to collect any rainwater or spilled E and P waste liquids. Liquids collected in the sump are pumped to the inlet manifold and commingle with other approved E and P waste. The concrete unloading pad and concrete floor of the containment will be constructed of seamless concrete
- H. The first tank (750-barrel fiberglass de-sander tank) is for separating out any solids within the fluids. The second set of three (3) tanks (1,000-barrel fiberglass surge tanks) are for helping manage any sudden rises or drops in pressure as well as helping with additional settling of any solids. The water



from the three (3) 1,000-barrel surge tanks is transferred by centrifugal pump to the two (2) fiberglass gun barrels. The third set of two (2) tanks (1,000-barrel fiberglass gun barrels) are for separation of hydrocarbons, which gravity feed to two (2) 500-barrel fiberglass oil stock tanks. The water from the two (2) 1,000-barrel gun barrels is gravity fed to one of two series of two (2) 750-barrel fiberglass saltwater tanks for the settling of solids and some minimal additional separation of oil. There is spacing left for two additional 750-barrel fiberglass saltwater tanks to be placed in the future if the need arises. Oil from these tanks is skimmed and transferred via pump to the two (2) 500-barrel oil tanks. The oil from these tanks will be transferred from the two (2) 500-barrel oil tanks to the load out pipe on the west side of the facility. After flowing through one of two series of three (3) 750-barrel saltwater settling tanks the water is transferred via charging pumps to one (1) of the two (2) H-Pumps, then transferred to one (1) of the two (2) approved disposal wells.

1. The gun barrel and oil stock tanks will be constructed of fiberglass. The settling and surge tanks will be constructed of fiberglass. All tanks will be totally enclosed. There will be no open-roof tanks. All tanks will be vented to the atmosphere. The vents will extend beyond the containment.
2. PA Prospect anticipates having to clean some of the tanks to remove solids twice per year and estimates no more than twenty (20) cubic yards of solids will be removed from each tank cleaning event. Residual solids are periodically removed from settling in the saltwater tanks and will be removed and placed in a lined steel roll-off container temporarily located at a location that will not impede site operation but will provide for efficient access for sampling of the contents and its subsequent disposal. Residual solids from the rinse-out operations will also be collected in the temporary roll-off as they accumulate around the sump area. The sump area of the unloading pad will be kept rinsed clean of hydrocarbons and solids. Any spills that might take place during tank cleaning operations will remain contained within the confines of the tank containment. Any spills in the tank containment and/or bermed unloading pad will be cleaned up immediately, so as not to accumulate. As soon as a roll-off container is filled, it will be removed. Solids will not be stored any longer than is necessary to clean the tanks, containment or to remove a load. These solids will be sampled and profiled for disposal at an approved facility. The solids generated are anticipated to be less than 0.1 percent of the total throughput handled at The Facility. The solids will be transported by an authorized transporter to an approved facility.

There will be no hazardous chemicals at the site to generate air emissions. There may be situations where minor or insignificant amounts of chemicals, such as biocide, corrosion & scale inhibitors, and oxygen scavengers may be required to maintain injection flowline, tanks and equipment for optimal injection and lower workover and remediation shut-downs, and/or to treat steel piping for prevention of corrosion. Any chemical evaluated for use will be tested for compatibility with current operations at the site, and, if utilized, will be properly stored within the containment area of The Facility in closed drums or poly containers and labeled at the site according to State

and Federal regulations. These chemicals, if used, will be brought to the site only on an as needed basis. These drums or tanks will remain closed until product is required; will be of small enough quantities and for short, limited time periods so as to not generate air emissions. The estimated amount of chemicals that might be required on a daily basis would be approximately 12 gallons of Scale Inhibitor/Surfactant, 7 gallons of Oxygen Scavenger, and/or 6 gallons of Iron Sulfide Chelator. This amounts to less than one percent of the daily throughput at The Facility and will be added in a closed loop system. There will be no discharge of contact storm water at this facility.

- I. The waste is then pumped through buried steel injection lines, through a meter and down hole into an approved Riemer Calhoun SWD well.
- J. A trained employee of PA Prospect will be at The Facility during all operating hours to monitor facility operations and injection/pumping of E and P waste. All areas of the injection facility will be inspected on a daily basis for potential problems, leaks and/or maintenance issues.

#### **6. Accepting, Storing, and Disposal Procedures for Waste Delivered from a Generator Without an Operator's Code**

The following is a description for accepting approved "Types" of E and P waste at this facility from a company that does not possess an Office of Conservation Operator Code Number:

- A. The Form UIC-23 – "Request to Transport and Dispose of E and P Waste at a Commercial Disposal Facility" (In Lieu of Generator Code Number) is completed in detail.
- B. Prior approval of Form UIC-23 is required by the Department of Conservation and must accompany the E and P Waste Shipping Control Ticket (Manifest) to The Facility for disposal.
- C. The submittal of the completed Form UIC-23 will be the responsibility of the waste generator.

#### **7. The PA Prospect Water Disposal Commercial Facility Contingency Plan for Any Type of Spill, Leak, or Release**

The following is the Contingency Plan for this facility if any type of spill, leak, or release or other unauthorized discharge would occur inside and/or outside of containment:

- A. PA Prospect's trained personnel will take immediate action to minimize the impact of any spill, leak, or release, or hazardous fumes. Immediate actions may include but not be limited to:
  1. Close valves that will reduce the flow of the waste.

2. Place absorbent materials, booms or construct a levee around the waste to contain the spill.
3. If any spills occur within the confines of the tank containment or bermed unloading pad, the solids will be shoveled into an appropriate container for removal and the liquids will be rinsed towards the sump, where it can be reprocessed through the process flow. No contaminants will be allowed to accumulate within the tank containment or bermed unloading pad.
4. Make required notifications to Federal, State, and Local agencies, as required. In accordance with LAC 43:XIX.535.E any noncompliance shall be reported to the commissioner.
5. Once contained, use vacuum trucks to remove the waste.
6. Hire additional contractor equipment to assist containing and clean-up of the spill.
7. Recovered material will be sent back through the process flow or returned to an appropriate tank on the site.
8. The Facility is designed to prevent spills from escaping any of the containment areas. Absorbent materials will be available on site to contain and collect any spills that might occur outside of the containment areas. Any spills that may result in E and P waste being spilled on the natural ground will be cleaned up by containing the limits of the spill. This would be accomplished by placing absorbent materials, boom, berm, or constructing a temporary levee around the waste to contain it and take action to reduce and stop the source of the spill as soon as practical. Liquid wastes contained within the contained area will be removed and sent back through the treatment system. Contaminated soil will be loaded to a depth and area void of contamination and in the event of a relatively small spill into a roll off, manifested, and transported to a facility permitted to accept such waste. In the event of a large spill, a remediation plan acceptable to the regulatory authority with jurisdiction for such a spill will be submitted for approval. Reporting of any spills will follow all Louisiana Department of Natural Resources and Louisiana Department of Environmental Quality regulations.
9. In the event of an alarm indicating the presence of hazardous fumes; operations will cease immediately if personnel are able to safely get to the shut-down switches, valves, etc. and they will immediately proceed downwind from the point of alarm to a safe staging area to further assess the situation and take appropriate steps to assess and/or correct the cause of the alarm. All personnel on site will be accounted for and proceed to a safe staging area until it is deemed safe to return The Facility to normal operation. An investigation into the cause of the event will be discussed and a cause determined, to prevent repeats of potential safety threats in the future

**B. Spill Notification Contact List:**

National Response Center	(800) 424-8802
Louisiana Hazardous Materials Hotline (Notify within one hour of oil spill)	(877) 925-6595)
State Police Troop G – Bossier City, LA	(318) 741-7411 (866) 853-6580
Red River Parish Sheriff's Office	(318) 932-4221
EPA Region 6	(800) 887-6063
Louisiana EPA Office	(504) 342-1234
Red River Parish wide Fire District	(318) 932-6676 (318) 932-6674
Red River Parish Emergency Planning Committee Contact: Shane Hubbard, Chair	(318) 932-8502
Louisiana State Office of Conservation (Main)	(225) 342-8244
District Manager Contact: Mr. Jackie DeVall	(318) 676-7585
Environmental Division Contact: Gary Snellgrove, Director	(225) 342-7222
Field Inspector Contact: Mr. Pete Bradford	(318) 518-2677
Injection and Mining Division Contact: Mr. Stephen Lee, Director	(225) 342-5569
Louisiana Department of Environmental Quality	(225) 342-1234
PA Prospect PA Prospect Corporation Contacts: <i>PA Prospect, Mr. Jerry Nelson, Manager</i>	(406) 322-9951
<i>Mr. Charlie Reynolds, Geologist</i>	(318) 687-3771

The Spill Notification Contact List will be posted in the main office of The Facility.

Use the attached Spill Notification Form to fill in the details of the incident. All the blanks do not have to be filled in before you start your notification.



# OIL & HAZARDOUS SUBSTANCES SPILL NOTIFICATION

<b>PERSON REPORTING</b>		<b>PHONE NUMBER</b>	<b>REPORTED HOW?</b> (e.g., phone)
<b>DATE/TIME OF SPILL</b>		<b>DATE/TIME DISCOVERED</b>	<b>DATE/TIME REPORTED</b>
<b>LOCATION</b>			<b>SUBSTANCE SPILLED</b>
<b>QUANTITY SPILLED</b> <input type="checkbox"/> gallons <input type="checkbox"/> pounds	<b>QUANTITY CONTAINED</b> <input type="checkbox"/> gallons <input type="checkbox"/> pounds	<b>QUANTITY RECOVERED</b> <input type="checkbox"/> gallons <input type="checkbox"/> pounds	<b>QUANTITY DISPOSED</b> <input type="checkbox"/> gallons <input type="checkbox"/> pounds
<b>POTENTIAL RESPONSIBLE PARTY</b> C-Plan Holder? YES <input type="checkbox"/> NO <input type="checkbox"/>		<b>OTHER POTENTIAL RESPONSIBLE PARTIES, IF ANY</b>	
<b>SOURCE OF SPILL</b>			
<b>CAUSE OF SPILL</b>			
<b>CLEANUP ACTIONS</b>			
<b>DISPOSAL METHODS AND LOCATION</b>			
<b>ENVIRONMENTAL DAMAGE</b> (check one) YES <input type="checkbox"/> NO <input type="checkbox"/>		<b>SURFACE AREA AFFECTED</b> (square feet)	<b>SURFACE TYPE</b> (describe area affected)
<b>COMMENTS</b>			

### DEC USE ONLY

<b>SPILL #</b>	<b>FILE #</b>	<b>LC</b>	<b>C-PLAN MGR NOTIFIED</b> YES <input type="checkbox"/> NO <input type="checkbox"/>
<b>SPILL NAME, IF ANY</b>		<b>NAMES OF DEC STAFF RESPONDING</b>	
<b>DEC RESPONSE</b> <input type="checkbox"/> phone follow-up <input type="checkbox"/> field visit <input type="checkbox"/> took report		<b>CASELOAD CODE</b> <input type="checkbox"/> First and Final <input type="checkbox"/> Open/No LC <input type="checkbox"/> LC assigned	<b>CLEANUP CLOSURE ACTION</b> <input type="checkbox"/> NFA <input type="checkbox"/> Monitoring <input type="checkbox"/> Transferred to CS or STP
<b>COMMENTS</b>			
<b>REPORT PREPARED BY</b>			<b>DATE REPORT PREPARED</b>

C. Notification of surrounding landowners or inhabitants that will be directly or indirectly affected by the release.

1. Briarwood Group, LLC  
P.O. Box 819  
Mansfield, LA 71052
2. Nolan, William E. and Barbara D.  
Family, L.L.C.  
401 Irving Bluff  
Shreveport, LA 71107
3. Calhoun, Thomas A  
3801 Creswell  
#16 Dudley Square  
Shreveport, LA 71106

D. Any liquids recovered or generated from a release will be pumped into the inlet manifold of the treatment system for processing. A manifest will be completed documenting the volumes. Any solids generated from a release will be sampled and analyzed for certain constituents to meet the specifications for acceptance at an approved landfill. The solids will be placed in an enclosed steel roll-off until the E and P waste can be profiled for disposal. The roll-off container will be located at The Facility at a location that will not impede site operation but will provide for efficient access for sampling of the contents and its subsequent disposal, so that the sumps can be kept clean of solids and for cleaning tank bottoms from aboveground storage tanks. A waste profile will be completed for any such solids placed in the roll-off container and submitted to the landfill, land treatment facility or other permitted facility, which is authorized by the Louisiana Department of Environmental Quality or the Office of Conservation to accept E and P waste. An authorized transporter will transport the E and P waste with a manifest to the approved facility. Documentation of the roll-off loads and any remediation activities will be kept on site at The Facility.

## **8. Monitoring Procedures and Scheduled Maintenance Plan**

The annulus pressure on each of the proposed Class II Salt water disposal wells, each equipped with pressure gauges on the wellhead that have half-inch fittings, scaled in increments of not more than 10 psi, and maintained in good working order will be monitored daily and will have a minimum of 100 psig positive pressure at all times, except during approved workover operations. The pressure changes in the annulus portion of the well will be affected by temperature. As the injection piping is utilized the temperature will affect the closed annulus of all salt water disposal wells. Although the annulus pressure may fluctuate with temperature the mechanical integrity of the well

remains intact. Similar gauges at the wellhead will indicate injection pressure on the injection string at the surface.

- A. The volume of waste injected into the well is metered by a tamper-proof volume recorder at the wellhead. This meter will be calibrated at least once a year.
- B. The Form UIC-21 – “Daily Monitoring Log” is completed daily with information from the well and mailed to the Department of Natural Resources, Environmental Division by the fifteenth (15th) day of the following month. Additional copies of the completed Form UIC-21 will be kept on file at The Facility. The observed annulus pressure, observed injection rate, the observed injection pressure and/or shut-in pressure, note if injection is on-going at the time of the observation, recorder initials and time of reading and any comments will be recorded on the Daily Monitor Log.
- C. The pipeline/connections/valves leading to the injection well will be inspected daily for leaks.
- D. Any leaks or any discrepancies in the mechanical integrity of the disposal well or piping will be reported within twenty-four (24) hours to the Office of Conservation, Environmental Division.
- E. All equipment at The Facility is on a repair or maintenance program. A visual inspection of all equipment, tanks, valves and piping is performed daily. A periodic maintenance program is performed in conjunction with the cleanout of the solids that build up in the storage tanks.
- F. A trained employee of PA Prospect will be at The Facility during all hours of operation to monitor facility operations and injection/pumping of E and P waste.
- G. LEL Sensors and Alarms will be tested on a monthly basis in accordance with the manufacturer’s recommendations to ensure they are functioning properly. The sensors and alarms will be installed downwind of the loading connections considering the prevailing wind (southern), and suspended from the ceiling of the loading area.

## 9. Community Relations Plan

PA Prospect has an “open door” policy when interfacing with the public.

- A. PA Prospect values its reputation with the community and supported community involvement projects.



- B. PA Prospect is prepared to readily respond to any concerns the community may have about operations at The Facility.
- C. PA Prospect will educate any individual that has questions concerning techniques, safety, operations, or any part of the disposal process at The Facility.
- D. Prior notification in writing is required by the individual seeking this information. Approval must be issued by a PA Prospect Manager to allow this individual from the community to enter The Facility. Anyone entering The Facility must have the proper Personal Protection Equipment (PPE).

## 10. Facility Security Plan

The PA Prospect Facility Security Plan contains the following:

- A. To prevent unauthorized access, The Facility has a lockable gate at the entrance and a 6-in. chain link fence around the permitted portion of The Facility. The roads to the wells will be restricted with locked steel constructed gates.
- B. A trained employee of PA Prospect will be at The Facility during all hours of operation to monitor facility operations and injection/pumping of E and P waste. Gates will be locked at any time the facility is unmanned for any reason.

## 11. The Facility's Environmental, Health and Safety Plan

PA Prospect is committed to protecting the environment as well as the health and safety of its employees and the surrounding community.

- A. Spill response will be adhered to as specified in the Contingency Plan for Any Type of Spill, Leak, or Release Section of this Waste Management Operations Plan.
- B. Stored samples will be placed in a separate area where exposure to individuals is minimal as specified in the Accepting, Storing, and Disposal Procedures for Waste Delivered from a Generator with an Operator's Code section of this Waste Management Operations Plan.
- C. The storage tank valves, piping, containment areas and equipment will be routinely inspected and kept in good working order as to prevent any adverse incident from occurring at The Facility. This schedule of maintenance is noted in the Monitoring Procedures and Scheduled Maintenance Plan Section of this Waste Management Operations Plan.

- D. Warning signs such as "No Smoking Area" and "Flammable Materials" will be posted around The Facility reminding drivers to shut off their engines upon entering and parking on the unloading pad. Signs will also be posted instructing drivers to chock wheels before loading/unloading. Construction of all electrical connections at The Facility will be made of explosion proof materials. Hydrocarbons or other volatile materials will not be allowed to accumulate anywhere at The Facility other than in the appropriate skim oil tanks where they are collected and periodically sold. Monitoring for hazardous fumes at The Facility will be accomplished via LEL meters/alarms at the unloading area and personal hazardous gas monitors worn by facility personnel.
- E. A trained employee of PA Prospect will be at The Facility during all hours of operation to monitor facility operations and injection/pumping of E and P waste. Facility personnel will make daily inspections of all above ground valves, pumps, piping and condition of the unloading and tank containment areas for cracks, leaks, and other defects. If any indication of a release is found, facility personnel will deploy appropriate Emergency Response Procedures as stated in this application.
- F. Employees at this facility will be monitored and tested for potential exposure to hazardous vapors annually.
- G. The property the proposed facility will be built on is within FEMA Flood Zone A, which lies within the 100-year flood plain, but does not have established Base Flood Elevations (BFE). PA Prospect Corporation will construct the facility levee (Tank Battery Containment) in compliance with LAC 43:XIX.507.A.5. The tank battery levees have to hold 100% of all contents in the tank battery and be 1' above the 100-year flood. Since the facility is within Flood Zone A, Red River Parish officials recommended using Louisiana IBTS to determine the Base Flood Elevations (BFE) for the Facility. Louisiana IBTS is currently working on establishing the BFE for this facility. Upon approval to construct this facility, a licensed surveyor or professional engineer will determine the 100-year flood elevation that the levee (Tank Battery Containment) will need to be constructed to, so that it is at least 1 foot above the 100-year flood event in the area around the proposed facility. The surveyor or professional engineer will certify that the levee (Tank Battery Containment) meets correct height requirements before operation can begin.
- H. Parish Road Permit requirements will be provided to Oil & Gas Operators as well as E & P Waste Haulers for the roads traveled in the parishes PA Prospect Corporation will serve. E & P Waste Haulers will be required to obtain Parish Road Permits for their trucks utilizing parish roads that PA Prospect Corporation will serve, as applicable. Should additional parishes be traveled in, E & P Waste Haulers will be required to meet those parish road permit requirements, as applicable.

- I. All transporters that haul E & P waste to the proposed facility, prior to accepting the E & P waste, will be provided training regarding transportation, such as acceptable routes, bridge postings, parish road permit requirements, weight limits, and school zones.



# ANNUAL DISPOSAL/ INJECTION WELL MONITORING REPORT

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

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

## UIC-10A FOR CALENDAR YEAR \_\_\_\_\_

<b>ORGANIZATION NAME &amp; ADDRESS</b>		<b>ORGANIZATION ID</b>
<b>WELL NAME &amp; NUMBER</b>	<b>SERIAL NO.</b>	<b>PARISH</b>
<b>FIELD</b>	<b>FIELD ID</b>	<b>SECTION          TOWNSHIP          RANGE</b>

**1. MONTHLY INJECTION RECORD:**

A DEFAULT VALUE OF ZERO (0) HAS BEEN ENTERED INTO EACH FIELD. IF NECESSARY, REPLACE THE VALUE WITH THE APPROPRIATE NUMERIC VALUE FOR EACH MONTH.

	INJECTION PRESSURE (PSI)		ANNULUS PRESSURE (PSI)		INJECTION RATE (GALLONS PER MINUTE)		VOLUME INJECTED		
	AVERAGE	MAXIMUM	MINIMUM	MAXIMUM	AVERAGE	MAXIMUM	BBL	MCF	
JAN									
FEB									
MAR									
APR									
MAY									
JUN									
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									
	<b>TOTAL</b>								

**2. WELL TYPE:**

EOR                     
  SWD                     
  ANNULAR SWD                     
  OTHER (SPECIFY): \_\_\_\_\_

**3. WELL COMPLETION:**

A. INJECTION THROUGH:   
 CASING                     
 TUBING W/O PACKER   
 TUBING W/ PACKER   
 GIVE PACKER DEPTH:  FT.

B. INTERVAL:                     
 PERFORATIONS   
 OPEN HOLE                     
 SCREEN                     
 GIVE INTERVAL DEPTH:  FT TO  FT

**4. TYPE OF FLUIDS INJECTED DURING REPORTING CYCLE:**

SALT WATER   
 FRESH WATER   
 BRACKISH WATER   
 AIR   
 NATURAL GAS   
 CO2   
 POLYMER  
 NORM                     
 OTHER (SPECIFY): \_\_\_\_\_

**5. COMMUNITY SWD INFO: (IF YES FOR A OR B, COMPLETE THE SECOND PAGE OF THIS FORM AND PROVIDE ATTACHMENTS.)**

A. WAS THIS WELL A COMMUNITY SWD WELL DURING ALL OR PART OF THIS REPORTING CYCLE?   
 YES     NO

B. WILL THIS WELL BE A COMMUNITY SWD WELL DURING THE NEXT REPORTING CYCLE?   
 YES     NO

CERTIFICATION	
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this report and all attachments, and that based on my personal knowledge or inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (L. R. S. 30:17)	
<b>NAME AND OFFICIAL TITLE (TYPE OR PRINT)</b>	<b>PHONE</b>
<b>SIGNATURE</b>	<b>DATE</b>

# FORM UIC-10 SOURCE FLUID ATTACHMENT

FOR CALENDAR YEAR \_\_\_\_\_

Serial No. \_\_\_\_\_  
Well Name \_\_\_\_\_ No. \_\_\_\_\_  
Org. Operator Name \_\_\_\_\_ Organization ID \_\_\_\_\_

Source Type (A,B,C,D)	Lease, Unit, or Well Name (A,B,C)	Serial No. (B,C)	Well No. (B,C)	Org. Operator Name (C,D)	Organization ID (C)	LUW Type Code (A)	Volume For Year (BBLs) (B,C,D)
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

Completed By: \_\_\_\_\_ Phone No: (\_\_\_\_) \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## FORM UIC-10 INSTRUCTIONS

---

LAC 43:XIX.417 (Statewide Order No. 29-B), requires that the Operator of Record during a calendar year submit an annual report for each Class II disposal/injection well within Louisiana. For reporting, an operator may use either Form UIC-10, a well specific form sent from this office each February, or Form UIC-10A from our website at <http://www.dnr.state.la.us/cons/documents.ssi>.

**A COMMUNITY SALTWATER DISPOSAL WELL / SYSTEM NOTIFICATION / CERTIFICATION**, (second page of FORM UIC-10 and FORM UIC-10A) replaces the need for filing FORM UIC-13 annually, after the initial FORM UIC-13 is on record.

**A SOURCE FLUID ATTACHMENT** sheet must be completed for each Class II disposal/ injection well and submitted with the Form UIC-10 or Form UIC-10A. All sources of fluid injected into these wells must be reported using this attachment sheet.

Commercial SWD facilities are not required to complete the Source Fluid Attachment sheet of manifested fluids, however, this sheet must be completed for any non-manifested fluids such as fluids received by pipeline.

**Return the completed forms by May 31st, of the following year or 30 days after an Operator Change or P&A. Failure to comply with this will result in the issuance of a Compliance Order imposing a civil penalty of \$200 for each delinquent report.**

If you have questions, call Mr. Pierre Catrou at (225) 342-5567 or Ms. Glynis Coleman at (225) 342-7231.

## SOURCE FLUID ATTACHMENT INSTRUCTIONS

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- 1) Enter the injection well serial number, well name and number, organization/operator name, organization ID, and number the pages.
- 2) All fluids injected into the subject well must be reported according to **Source Type**. There are four categories of Source Types which are defined as follows:
  - **Source Type A** - produced fluids from oil and gas production wells operated by your organization located within the field in which the subject injection well is located.
  - **Source Type B** - produced fluids from oil and gas production wells operated by your organization located in fields other than the field in which the subject injection well is located.
  - **Source Type C** - produced fluids from oil and gas production wells operated by organizations other than yours.
  - **Source Type D** - fluids from wells and other sources that cannot be identified by an Office of Conservation LUW code. These fluids include but are not limited to gas plant waste waters not classified as hazardous, brine produced from hydrocarbon storage and brine wells in salt domes, out of state oil and gas production wells, offshore-federal oil and gas production wells, etc.

- 3) Report all *SOURCE TYPE A* **GROUPED BY LUW CODE**. The **LUW CODE** is the “Lease-Unit-Well Code” or “Well Name Code Number” assigned to all producing wells by the Office of Conservation. This is the same number that appears in the second column of **FORM OGP** used to report oil and gas production. The required information is indicated by Source Type (A,B,C,D) under the column headings.

**Required information for Source Type A is Source Type, Lease-Unit-Well Name, and LUW Type & Code.**

- 4) Report all *SOURCE TYPE B* **GROUPED BY WELL SERIAL NUMBER**. The required information is indicated by Source Type (A,B,C,D) under the column headings. **Required information for Source Type B is Source Type, Lease-Unit-Well Name, Well Serial Number, Well Number, and Volume For Year (BBLs).**

- 5) Report all *SOURCE TYPE C* **GROUPED BY WELL SERIAL NUMBER**. The required information is indicated by Source Type (A,B,C,D) under the column headings. **Required information for Source Type C is Source Type, Lease-Unit-Well Name, Well Serial Number, Well Number, Organization/Operator Name, Organization ID, and Volume For Year (BBLs).**

- 6) Report all *SOURCE TYPE D* **GROUPED BY ORGANIZATION/OPERATOR**. The required information is indicated by Source Type (A,B,C,D) under the column headings. **Required information for Source Type D is Source Type, Organization/Operator Name and Volume For Year (BBLs).**

- 7) Attach the completed Source Fluid Attachment sheet(s) to the appropriate Form UIC-10 for submittal.

If you have questions concerning this attachment, contact the Injection and Mining Division at (225) 342-5515.



# OFFICE OF CONSERVATION ENVIRONMENTAL DIVISION

**Mailing Address** DNR, Office of Conservation, Environmental Division, P.O. Box 94275, Baton Rouge, LA 70804-9275  
**E-Mail:** [Environmental-Div@la.gov](mailto:Environmental-Div@la.gov)  
**Fax:** 225-242-3505

WASTE RECEIVED FOR THE MONTH OF \_\_\_\_\_, 20\_\_\_\_

## UIC-19

### COMMERCIAL FACILITY MONTHLY REPORT OF WASTE RECEIPTS

This form is to be completed and returned to the Environmental Division at the email address, fax number, or mailing address listed above no later than the 15th day of the following month.

<b>Facility Name:</b>		<b>Site Code:</b>	
<b>Facility Address:</b>		<b>Phone #:</b>	
Operator Code	Operator Name	Waste Type	Amount (bbls)
<b>TOTAL</b>			0

*I certify under penalty of law that I have personally examined and am familiar with the information submitted in this report and all attachments and that, based on my personal knowledge or inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I further acknowledge and agree that by typing my name or placing my mark in the signature space on this document it is my intention to electronically sign the document. Further, the electronic signature shall be considered as an original signature for all purposes and shall have the same force and effect as an original signature. Without limitation, "electronic signature" shall include faxed versions of an original signature or electronically scanned and transmitted versions (e.g., via pdf) of an original signature.*

Disposer Authorized Representative: \_\_\_\_\_ Title: \_\_\_\_\_  
(Please Print Name)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Submit**





**OFFICE OF CONSERVATION**  
**ENVIRONMENTAL DIVISION**

**Mailing Address:** DNR, Office of Conservation, Environmental Division, P.O. Box 94275, Baton Rouge, LA 70804-9275  
**E-Mail:** [Environmental-Div@la.gov](mailto:Environmental-Div@la.gov)  
**Fax:** 225-242-3505

WASTE RECEIVED FOR THE MONTH OF \_\_\_\_\_, 20\_\_\_\_\_

**UIC-19A**

**COMMERCIAL FACILITY MONTHLY SUMMATION OF WASTE RECEIPTS**

This form is to be completed and returned to the Environmental Division at the email address, fax number, or mailing address listed above no later than the 15th day of the following month.

<b>Facility Name:</b>	<b>Site Code:</b>
<b>Facility Address:</b>	<b>Phone #:</b>

Summation of Monthly Report of Waste Receipts				
E&P Waste Type	Waste Type Description	Total Amount (bbls)	Commercial Waste Disposal Fee	Fee Due
01	Produced Salt Water	0	0.00	\$ 0.00
02	Oil Base Mud & Cuttings	0	0.02	\$ 0.00
03	Water Base Mud & Cuttings	0	0.02	\$ 0.00
04	Completion Fluids	0	0.02	\$ 0.00
05	Production Pit Sludges	0	0.02	\$ 0.00
06	Storage Tank Sludges	0	0.02	\$ 0.00
07	Produced Sands & Solids	0	0.02	\$ 0.00
08	Produced Fresh Water	0	0.02	\$ 0.00
09	Ring Levee Rainwater	0	0.02	\$ 0.00
10	Washout Water	0	0.02	\$ 0.00
11	Washout Pit Water	0	0.02	\$ 0.00
12	Gas Plant Waste Solids	0	0.02	\$ 0.00
14	Pipeline Test Water	0	0.02	\$ 0.00
15	Commercial Facility Waste	0	0.02	\$ 0.00
16	Spill Clean Up Waste	0	0.02	\$ 0.00
50	Salvagable Hydrocarbons	0	0.00	\$ 0.00
99	Other E&P Waste	0	0.02	\$ 0.00

TOTALS			
<b>TOTAL WASTE RECEIVED</b>	0		
	<i>(all Waste Types)</i>		
<b>TOTAL BILLABLE WASTE RECEIVED</b>	0	<b>TOTAL FEE DUE</b>	\$ 0.50
	<i>(Excludes Waste Types 01 &amp; 50)</i>		

*I certify under penalty of law that I have personally examined and am familiar with the information submitted in this report and all attachments and that, based on my personal knowledge or inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I further acknowledge and agree that by typing my name or placing my mark in the signature space on this document it is my intention to electronically sign the document. Further, the electronic signature shall be considered as an original signature for all purposes and shall have the same force and effect as an original signature. Without limitation, "electronic signature" shall include faxed versions of an original signature or electronically scanned and transmitted versions (e.g., via pdf) of an original signature.*

Disposer Authorized Representative: \_\_\_\_\_ Title: \_\_\_\_\_  
(Please Print Name)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Form UIC-19 and Form UIC-19A INSTRUCTIONS (LAC 43:XIX.545.K)

- 1) Approved Exploration & Production Waste Commercial Facilities, Transfer Stations and DEQ permitted facilities are required to submit a monthly report of Exploration and Production (E&P) Waste receipts on Form UIC-19 and Form UIC-19A. The Office of Conservation must receive the certified completed form(s) within fifteen (15) days of the end of each month. The form(s) can be downloaded at the following web link <http://www.dnr.louisiana.gov/index.cfm/page/1378> or by the following web pathway **www.dnr.louisiana.gov >> Conservation >> Forms >> Environmental Division** for completion and submittal via fax, mail, or electronic form email submittal. No other versions of this form will be accepted. For an email submittal confirmation receipt, turn on the read receipt option upon submittal and the Conservation office recipient will check the appropriate box for notification.
- 2) In order to complete the electronic form(s), you must have Adobe Reader installed on your computer. Note: The web link above has a link to install Adobe Reader. After Adobe Reader is installed on your computer, download and save the form(s) UIC 19/19A to your computer. Use the forms that are saved to your computer in Adobe Reader for completion and submittal. DO NOT use the form(s) in your web browser for completion and submittal.
- 3) Provide the month, year, facility name, facility address, phone number, and site code on both UIC-19 and UIC-19A.
- 4) All waste received is to be recorded by operator code, operator name, waste type, and amount (in bbls) on Form UIC-19. If this list fits onto one, standard page, the UIC-19 *Short Form* is to be used. If more than one standard page is needed for listing all waste received, the UIC-19 *Long Form* is to be used. Pages are not to be added to the short form.
- 5) All waste type total amounts and fees to be collected must be summarized on Form UIC-19A.
  - i. Act No. 277 of the 2016 Louisiana Legislative Regular Session enacted on May 27, 2016 and effective on August 1, 2016 amends LRS 30:21.B.1 to replace certain fees and establish a new monthly fee payable to the Office of Conservation of two (2) cents per barrel of E&P waste delivered (not including E&P waste types 1 and 50) and as reported on a form prescribed by the department to collect commercial facility monthly report of waste receipts.
- 6) An authorized representative must sign/certify and date the form(s). The original form(s) and signature are required to be submitted if the form(s) must be mailed. The electronic form email or fax submittal(s) is required to be signed electronically by typing your name in the signature blank.
- 7) If submitting the form(s) electronically, it is recommended to save the completed form(s) prior to clicking the submit button on the bottom of the form. Once the submit button is clicked, the form(s) will be locked and no longer editable. Note: If you save the form(s) after it is locked, your saved copy will be locked as well.



**OFFICE OF CONSERVATION  
ENVIRONMENTAL DIVISION**

Mailing Address: DNR, Office of Conservation, Environmental Division, P.O. Box 94275, Baton Rouge, LA 70804-9275

E-Mail: [Environmental-Div@la.gov](mailto:Environmental-Div@la.gov)

Fax: 225-242-3505

FOR THE MONTH OF \_\_\_\_\_, 20\_\_\_\_

**UIC-21**

**Commerical Class II Injection Well Daily Monitor Log**

This form is to be completed and returned to the Environmental Division at the email address, fax number, or mailing address listed above no later than the 15th day of the following month.

DISPOSER'S NAME AND SITE LOCATION				SITE CODE		
WELL NAME AND NO.		SERIAL NO.		OBSERVED MAX PRESSURE		MASIP
VOLUME RECORDER READING FOR CURRENT MONTH BBLs		VOLUME RECORDER READING FOR PREVIOUS MONTH BBLs		VOLUME RECORDER TOTAL MONTHLY INJECTED BBLs		
DAY	OBSERVED ANNULUS PRESSURE (PSI)	OBSERVED INJECTION RATE (GPM)	OBSERVED INJECTION PRESSURE (PSI)	INJECTING AT TIME OF READING? YES <input type="checkbox"/> NO <input type="checkbox"/>	RECORDER INITIALS & TIME OF READING	COMMENTS
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						

\*Take volume recorder reading on last day of each month

*I certify under penalty of law that I have personally examined and am familiar with the information submitted in this report and all attachments and that, based on my personal knowledge or inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I further acknowledge and agree that by typing my name or placing my mark in the signature space on this document it is my intention to electronically sign the document. Further, the electronic signature shall be considered as an original signature for all purposes and shall have the same force and effect as an original signature. Without limitation, "electronic signature" shall include faxed versions of an original signature or electronically scanned and transmitted versions (e.g., via pdf) of an original signature.*

Disposer Authorized Representative: \_\_\_\_\_  
(Please Print Name)

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Submit**

## Form UIC-21 INSTRUCTIONS (LAC 43:XIX.539.D)

- 1) A daily pressure monitoring log shall be maintained on-site. Observed daily readings shall be recorded on Form UIC-21. The certified completed form must be received by the Office of Conservation within fifteen (15) days of the end of each month. The form can be downloaded at the following web link: <http://www.dnr.louisiana.gov/index.cfm/page/1378> or by the following web pathway: **www.dnr.louisiana.gov >> Conservation >> Forms >> Environmental Division** for completion and submittal via fax, mail, or electronic form email submittal. No other versions of this form will be accepted. For an email submittal confirmation receipt, turn on the read receipt option upon submittal and the Conservation office recipient will check the appropriate box for notification.
- 2) In order to complete the electronic form, you must have Adobe Reader installed on your computer. Note: The web link above has a link to install Adobe Reader. After Adobe Reader is installed on your computer, download and save the form UIC 21 to your computer. Use the forms that are saved to your computer in Adobe Reader for completion and submittal. DO NOT use the form(s) in your web browser for completion and submittal.
- 3) Provide the month, year, disposer's name, disposer's address, Site Code, well name, well number, and serial number.
- 4) For each day of the month, record the observed annulus and injection pressures in pounds per square inch (psi) and the observed injection rate in gallons per minute (gpm) if injecting at the time the readings are taken. If not injecting at the time the readings are taken, record the observed annulus and shut-in pressures (psi). If the well is receiving waste fluids on a vacuum at the time the readings are taken, record the observed annulus pressure (psi), place a "0" in the observed injection pressure space, note in the comments section that the well is on vacuum and record the injection rate (gpm).
- 5) Indicate if injecting at the time readings are taken by checking the "yes" or "no" boxes.
- 6) The recorder must initialize each line entry and provide the time the daily readings were taken.
- 7) Use the comment section to further explain special situations when necessary, e.g., well workovers, etc.
- 8) Record the monthly observed maximum injection pressure / shut-in pressure (psi) recorded on the form.
- 9) Record the approved maximum allowable surface injection pressure (MASIP) assigned by the Office of Conservation.
- 10) Record the injection volume recorder reading (bbls) for current month (volume recorder reading observed on the last day of the month), the injection volume recorder reading (bbls) for previous month, and the total volume of waste injected (bbls) for the month. If the volume recorder rolled over during the reporting month, record the roll over number in the comments section on the date it rolled over.
- 11) An authorized representative must sign/certify and date the form(s). The original form(s) and signature are required to be submitted if the form(s) must be mailed. The electronic form email or fax submittal(s) is required to be signed electronically by typing your name in the signature blank.

12) If submitting the form via email using the electronic form email version, it is recommended to save the completed form prior to clicking the submit button on the bottom of the form. Once the submit button is clicked, the form will be locked and no longer editable. Note: If you save the form after it is locked, your saved copy will be locked as well.

**Note: Any discrepancies in the monitored pressures, which would indicate a lack of mechanical integrity and constitute noncompliance with the requirements of LAC 43:XIX.Subpart 1, shall be reported to the Office of Conservation within 24 hours.**



## UIC-26 Waste Refusal Notification

**Mail to:** DNR, Office of Conservation, Environmental Division  
P.O. Box 94275, Baton Rouge, LA 70804-9275

**Overnight to:** DNR, Office of Conservation, Environmental Division  
617 North 3<sup>rd</sup> Street, Baton Rouge, LA 70802

**Fax to:** 225-242-3505

Date: \_\_\_\_\_

Commercial Facility Name: \_\_\_\_\_ Site Code: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone Number: \_\_\_\_\_ / \_\_\_\_\_

Manifest # of Refused Load: \_\_\_\_\_ Waste Type: \_\_\_\_\_

Description of Waste: \_\_\_\_\_

Origination of Waste: \_\_\_\_\_

Name of Generator: \_\_\_\_\_ Generator Code: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone Number: \_\_\_\_\_ / \_\_\_\_\_

Name of Transporter: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone Number: \_\_\_\_\_ / \_\_\_\_\_

Truck & Trailer License No.: \_\_\_\_\_ or \_\_\_\_\_

Barge & Tug ID.: \_\_\_\_\_

Reason for Refusal:

- Manifest Not Properly Completed
- Generator Does Not Have a Generator Code Number
- pH  $\leq$  2.0
- pH  $\geq$  12.5
- NORM Reading: \_\_\_\_\_ microR/hr
- Other \_\_\_\_\_

This completed form and the manifest of the refused load must be faxed immediately to the Office of Conservation, Environmental Division at 225-242-3505.

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

Disposer Authorized Representative: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

January 22, 2021

Re: Flood Zone Determination  
PA Prospect Corp Disposal Well Pad  
Job # 18-CES-68  
32.0481108911 -93.47884055  
Mansfield, LA 71052

To Whom It May Concern:

As the Floodplain Manager for the Red River Parish Police Jury, the community determined Flood Zone Determination for the above referenced structure address is in Zone "A" on the effective FIRM Community Panel Number: 220152 Panel 17, Dated May 15, 1985.

The Community determined Base Flood Elevation for this address is 140.0 feet NGVD29

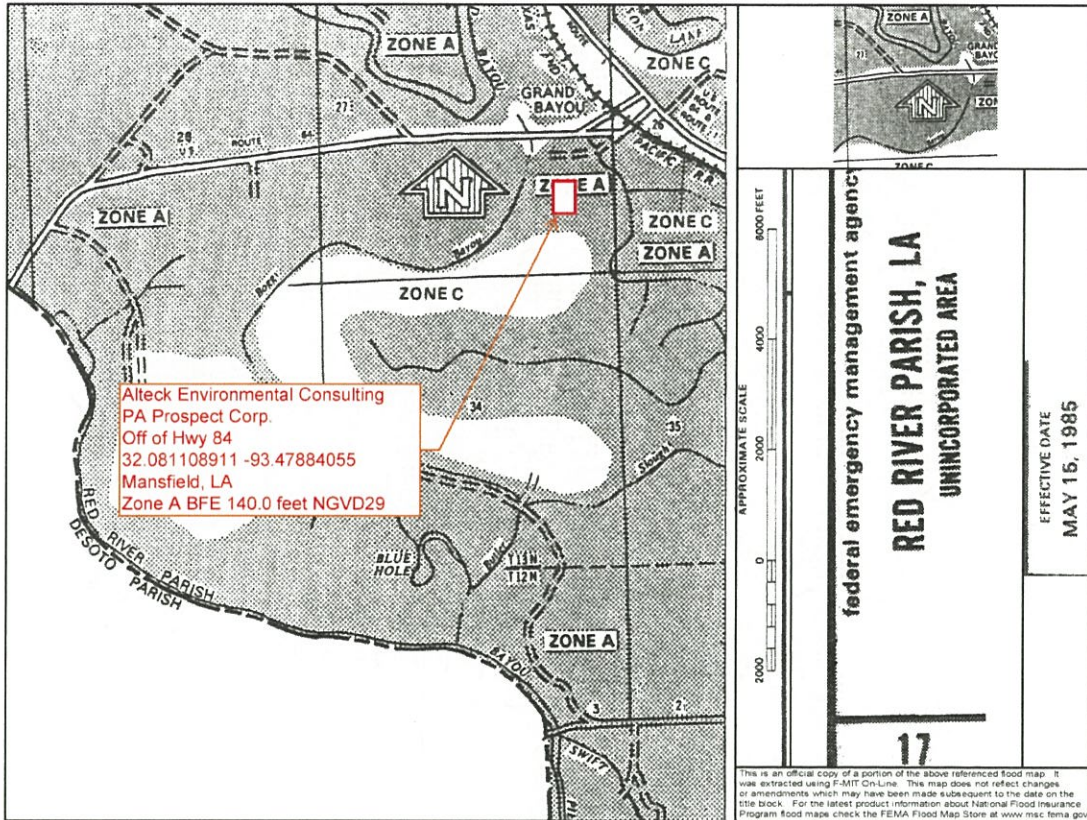
See attached firmette.

Sincerely,

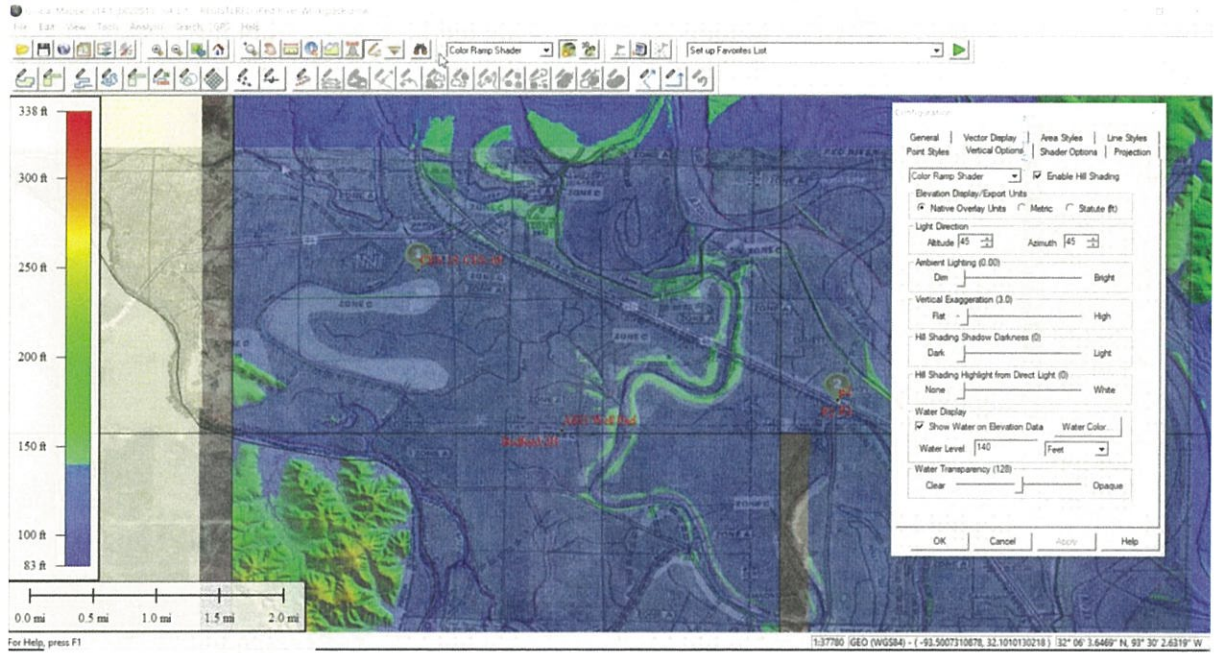
Institute for Building Technology and Safety

Larry Walters, CBO, CFM  
Parish Floodplain Manager  
318-334-2955  
[lwalters@ibts.org](mailto:lwalters@ibts.org)

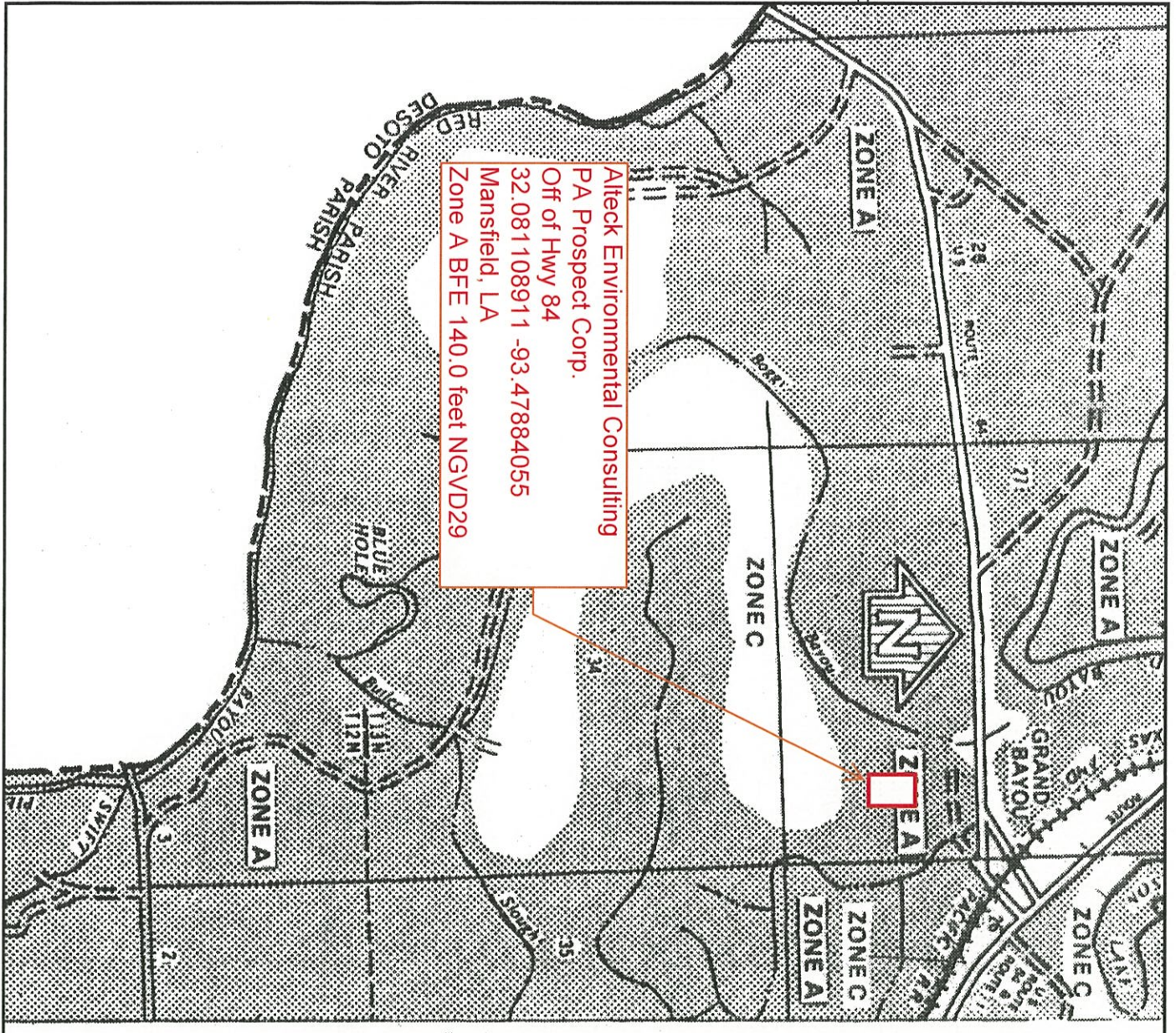
cc: Mr. Jessie Davis  
File



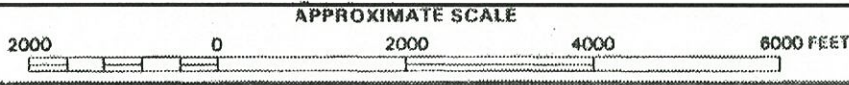




Best match using Lidar data and DEM flood model for BFE is 140.0 feet NGVD29



Atleck Environmental Consulting  
 PA Prospect Corp.  
 Off of Hwy 84  
 32.081108911 -93.47884055  
 Mansfield, LA  
 Zone A BFE 140.0 feet NGVD29

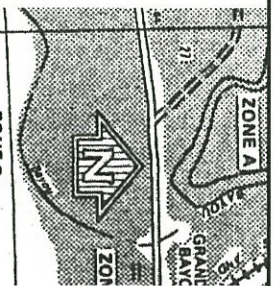


federal emergency management agency

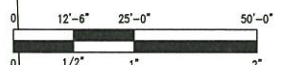
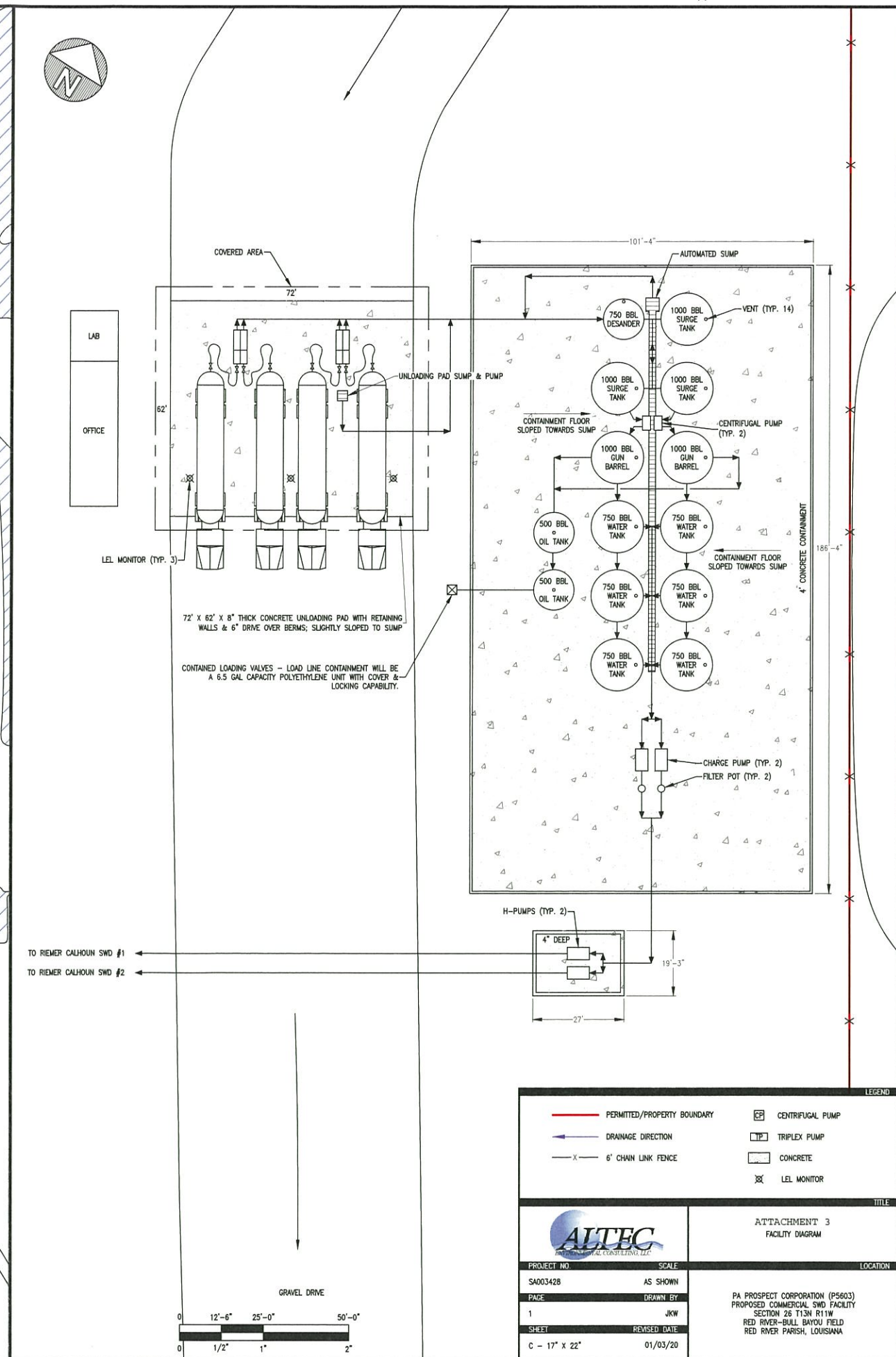
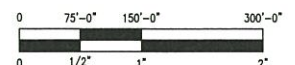
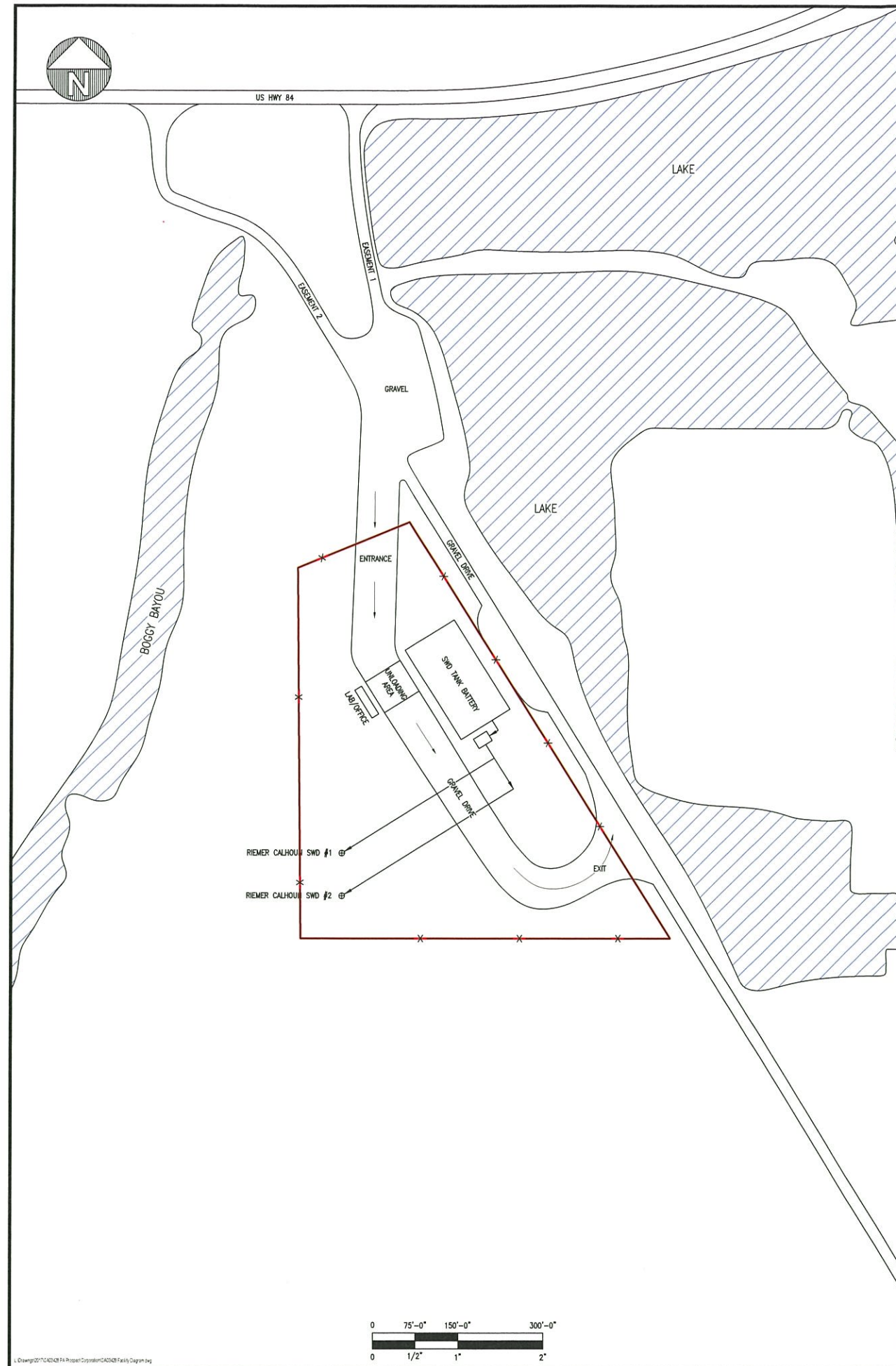
**RED RIVER PARISH, LA  
 UNINCORPORATED AREA**

17

EFFECTIVE DATE  
 MAY 15, 1985



This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)



LEGEND	
	PERMITTED/PROPERTY BOUNDARY
	DRAINAGE DIRECTION
	6' CHAIN LINK FENCE
	CENTRIFUGAL PUMP
	TRIPLEX PUMP
	CONCRETE
	LEL MONITOR

TITLE		LOCATION	
 ATTACHMENT 3 FACILITY DIAGRAM			
PROJECT NO.	SCALE		
SA003428	AS SHOWN		
PAGE	DRAWN BY		
1	JKW		
SHEET	REVISED DATE		
C - 17' x 22'	01/03/20		

PA PROSPECT CORPORATION (P5603)  
 PROPOSED COMMERCIAL SWD FACILITY  
 SECTION 26 T13N R11W  
 RED RIVER-BULL BAYOU FIELD  
 RED RIVER PARISH, LOUISIANA