



# DESOTO PARISH POLICE JURY

October 02, 2023 at 5:05 PM

Solid Waste Committee

Police Jury Meeting Room, 101 Franklin Street, Mansfield, LA 71052

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## AGENDA

Greg Baker, Chairman, B. D. Mitchell, Ernel Jones, Jimmy Holmes and Richard Fuller

**A. CALL TO ORDER**

**B. CALL FOR ADDITIONS AND DELETIONS**

**C. GUEST AND PUBLIC COMMENTS**

**D. SOLID WASTE ITEMS**

1. Authorize the Parish Administrator to sign proposals from Fourrier & de Abreu Engineers, LLC. for Monitoring Well MW-G1-16 Plugging & Abandonment and Replacement; Preparation of a Major Solid Waste Permit Modification Application and Submission; Preparation of a Major Title V Permit Modification Application and Submission; SWPPP and SPCC UPdates to include RNG Facility; Monitoring Wells Plugging & Abandonment; Wetlands Delineation Study for the West Landfill Property; and Addendum to Proposal for Engineering Assistance and Construction Quality Assurance Services for Preparation of Subgrade for Cell X at the Mundy Landfill and amend the budget in the amount of \$302,500 with \$159,000 being reimbursed by Bio-Methane
2. Authorize the President to sign an Indemnification with Nabors Property north of the Landfill in conjunction with the construction of the Bio-Methane Gas Processing.
3. Discuss scrap metal at the Landfill

**E. ADJOURN**



**September 15, 2023**

DeSoto Parish Police Jury  
101 Franklin St.  
Mansfield, LA 71052

**Delivered via email only to  
[MNorton@desotoppj.com](mailto:MNorton@desotoppj.com)**

Attention: Mr. Michael Norton, Administrator

**Re: Proposal for Monitoring Well MW-G1-16 Plugging & Abandonment  
and Replacement  
Mundy Landfill  
Mansfield, DeSoto Parish, Louisiana  
FDAE Proposal No. P2309-0001**

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Dear Mr. Norton:

Fourrier & de Abreu Engineers, LLC (FDAE) is pleased to submit this proposal to provide the field and reporting services necessary for the plugging and abandonment and replacement of monitoring well MW-G1-16. The Louisiana Department of Environmental Quality (LDEQ) requested a replacement plan for MW-G1-16 in the March 29, 2023 response to the Second Half 2022 Groundwater Monitoring Report.

## **1. PROJECT DESCRIPTION**

Monitoring well MW-G1-16 is at the bottom of the west embankment of the access road on the north side of Cell VIII. Surface runoff from the access road embankment appears to have impacted the groundwater composition at MW-G1-16, increasing the sulfate concentration. Heavy rains in August 2022 caused a portion of the west embankment of the access road to erode, covering MW-G1-16 with soil and gravel. The monitoring well will be plugged and abandoned and replaced with a new monitoring well installed further west of the access road to avoid impact from surface runoff and erosion.

## **2. SCOPE OF WORK**

FDAE prepared a Monitoring Well Plugging and Abandonment and Replacement Work Plan for MW-G1-16 which was submitted to the LDEQ on July 21, 2023. The LDEQ approved the Work Plan in correspondence dated July 31, 2023.

Monitoring well MW-G1-16 will be plugged and abandoned in accordance with the approved Work Plan. The work will be performed by a Louisiana-licensed water well contractor and supervised and documented by FDAE personnel.

New monitoring well MW-G1-16R will be installed 30 to 40 feet west-northwest of MW-G1-16 and in general accordance with LAC 33:VII.805.A.3. A borehole for the monitoring well will be logged under the supervision of a professional geologist. Proposed well construction and development details are provided in the Work Plan. Actual well construction details may differ, depending on field conditions and the depth interval where Zone G1 is encountered.

The new monitoring well location, ground surface elevation, and top of casing elevation will be surveyed by FDAE. The well will be developed by surging, bailing, and/or pumping until the recovered groundwater is relatively clear and free of suspended solids and field parameters (pH, temperature, and specific conductance) have stabilized.

Upon completion of monitoring well P&A and installation, a report documenting these activities will be prepared for compliance with LAC 33:VII.805.A.5.b.iv and LAC 33:VII.805.A.4. The report shall be completed and submitted to the LDEQ no later than 90 days after completion of the field activities. A draft report will be submitted to the DeSoto Parish Police Jury for review prior to submittal to the LDEQ.

### 3. ESTIMATED COST

The total estimated cost to complete the Scope of Work is **\$18,500**. This project will be invoiced monthly on a time and materials basis in accordance with our 2023 Fee Schedule presented in Attachment A. If additional work is required, it will be charged according to our 2023 Fee Schedule. However, your approval will be secured before any additional charges are incurred.

### 4. CONTRACTUAL CONSIDERATIONS

This proposal is based on our 2023 Fee Schedule and may be used as a written agreement in place of a more formal contract. Your signature acknowledges your agreement with the terms and conditions of this proposal. Please sign and return the acknowledgement page of this proposal (Page 3) for our files or attach your Purchase Order reflecting the terms. Please note that our payment terms are 30 days from the DPPJ Administrator's approval of invoice. Approval or denial of invoice by the Administrator shall not exceed 14 days.

Please contact the writer to discuss any questions you may have concerning this proposal.

Sincerely,  
**FOURRIER & DE ABREU ENGINEERS, LLC**



Sarah E. Moore, P.G.  
Senior Geologist

cc: Ms. Liliana Garcia, DeSoto Parish Police Jury, Parish Treasurer  
Mr. David O'Mary, DeSoto Parish Police Jury, Solid Waste Supervisor

Mr. Michael Norton  
September 15, 2023  
Page 3 of 3

**PROPOSAL P2309-0001 (Proposal for Monitoring Well MW-G1-16 Plugging and Abandonment and Replacement) DATED 09/15/2023 IS ACCEPTED BY:**

Name: Mr. Michael Norton

Company/Organization: Desoto Parish Police Jury

Title: Parish Administrator

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

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

**ATTACHMENT A**  
**2023 FEE SCHEDULE**

# 2023 Fee Schedule

## PROFESSIONAL SERVICES

### **Professional Services**

Principal	\$230 /hr
Senior Engineer	\$195 /hr
Project Engineer	\$155 /hr
Staff Engineer	\$135 /hr
Senior Environmental Geologist	\$145 /hr
Senior Environmental Scientist	\$130 /hr
Environmental Scientist	\$100 /hr
Surveyor	\$155 /hr
Project Manager	\$145 /hr
Lab Manager	\$130 /hr
Senior Engineering Technician	\$100 /hr
Project Technician	\$83 /hr
CADD Designer	\$110 /hr
Clerical	\$66 /hr
Intern	\$50 /hr

### **Additional Fees**

Mileage	\$0.72 /mile
Pick-up Truck	\$150 /day
ATV	\$175 /day
Survey Equipment	\$175 /day
Soil & Geosynthetics Sampling (delivery included)	\$130 /sample
Nuclear Density Gauge	\$120 /day
Per Diem (per man night)	\$220 /night
Other Expenses	Actual Cost+15%

**Notes:**

- (1) All billable time is charged portal to portal from our main office in Baton Rouge, LA.
- (2) Overtime for technicians (over 8 hours daily, Saturdays, Sundays, and Holidays) will be charged at a rate of 1.25 times the regular rate.
- (3) Minimum callout charge for technicians is four hours, with 24 hour notice to perform services.
- (4) Rain days or delayed days not under our control - \$500/day (minimum charge).

# 2023 Fee Schedule

<b>GEOTECHNICAL &amp; CONCRETE LABORATORY TESTING</b>	
<b>Soil Classification</b>	
Moisture Content Determination (ASTM D2216)	\$20.00 /ea
Atterberg Limits Determination - One Point Method (ASTM D4318)	\$90.00 /ea
Atterberg Limits Determination - Three Point Method A (ASTM D4318)	\$105.00 /ea
Grain Size Analysis (2" through 200 Sieve) (ASTM D422)	\$105.00 /ea
Grain Size Analysis (1/4" through 200 Sieve) (ASTM D422)	\$90.00 /ea
Grain Size Analysis - Percent Passing #200 Sieve (ASTM D1140)	\$70.00 /ea
Grain Size Analysis (Hydrometer) (ASTM D422)	\$200.00 /ea
Organic Content (ASTM D2974)	\$100.00 /ea
Unit Weight Determination (ASTM D2937)	\$50.00 /ea
Unit Weight Determination (Calculated)	\$25.00 /ea
Specific Gravity Determination (ASTM D854)	\$145.00 /ea
Unified Soil Classification - USCS (ASTM D2487)	\$80.00 /ea
<b>Soil Strength and Consolidation</b>	
Unconfined Compressive Strength (ASTM D2166)	\$70.00 /ea
Triaxial - Unconsolidated Undrained (ASTM D2850)	\$95.00 /ea
Triaxial - Consolidated Undrained w/Pore Pressure Measurement (ASTM D4767)	\$1,320.00 /set of 3
Triaxial - Consolidated Drained (ASTM D7181)	
Remolded Sample	\$90.00 /ea
Multistage Loading per Stage	\$550.00 /ea
Consolidation Test - w/o Hysteresis Loop (ASTM D2435)	\$720.00 /ea
Consolidation Test - w/ Hysteresis Loop (ASTM D2435)	\$825.00 /ea
<b>Soil Compaction</b>	
Standard Proctor Compaction Test - 4" Mold (ASTM D698)	\$215.00 /ea
Modified Proctor Compaction Test - 4" Mold (ASTM D1557)	\$270.00 /ea
<b>Saturated Hydraulic Conductivity</b>	
Hydraulic Conductivity (Permeability) - Flexible Wall (ASTM D5084)	\$440.00 /ea
Hydraulic Conductivity (Permeability) - Rigid Wall (ASTM D2434)	\$350.00 /ea
<b>Other Tests</b>	
Soil pH Determination (ASTM D4972)	\$70.00 /ea
Dry Preparation of Soil Samples (ASTM D421)	\$50.00 /ea
<b>Soil Sample Management</b>	
Preserving and Transporting Samples	\$17.00 /ft
Extruding and Classification of Samples	\$12.00 /ft
<b>Concrete Cylinder Compressive Strength</b>	
Compressive Strength of Cylindrical Concrete Specimens (ASTM C39)	\$20 /ea
Compressive Strength of Cylindrical Concrete Specimen Cast by Others (ASTM C39)	\$35 /ea
Notes:	
(1) Sampling/processing fees may apply.	
(2) Rates apply to uncontaminated soil samples. FDAE will not test samples if hazardous substances are present.	

**September 11, 2023**

DeSoto Parish Police Jury  
101 Franklin St.  
Mansfield, LA 71052

**Delivered via email only to  
MNorton@desotoppj.com**

Attention: Mr. Michael Norton, Administrator

**Re: Proposal for Preparation of a Major Solid Waste Permit Modification Application  
and Submission  
Mundy Landfill  
Mansfield, DeSoto Parish, Louisiana  
FDAE Proposal No. P2308-0002**

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Dear Mr. Norton:

Fourrier & de Abreu Engineers, LLC (FDAE) is pleased to submit this proposal to prepare the major solid waste permit modification application referent to the proposed BioMethane Partners (BMP) renewable natural gas (RNG) facility at Mundy Landfill.

## **1. PROJECT DESCRIPTION**

As you know, the DeSoto Parish Police Jury has entered into an agreement with BMP to install a landfill gas control and collection system (GCCS) and RNG facility at Mundy Landfill. The proposed GCCS will extract landfill gas from Mundy Landfill and send it to the RNG facility for processing. The processed landfill gas will be sent to Williams pipeline where it will be used as a renewable energy source. RNG facilities like the one proposed are known to have a positive impact on the community and environment and have numerous benefits including improved air quality, reduced odors, renewable energy generation, and climate change mitigation. Additionally, as provided in the terms of the contract between DPPJ and BMP, the proposed RNG facility will create an additional revenue stream for Mundy Landfill.

The GCCS and RNG facility will be located on DeSoto Parish Police Jury property and within the boundary of the facility currently permitted by LDEQ. As defined by LDEQ, a modification is any change in a site, facility, unit, process, or disposal method, or operation that deviates from the specifications of the permit. Since the addition of BMP's RNG facility and addition of the GCCS constitutes a change to the facility, a solid waste permit modification application will be required.

## **2. SCOPE OF WORK**

### **Task 1 – Preparatory Work**

#### **A) LDEQ Electronic Document Management System (EDMS) and Historical Permit Review**

The amount of EDMS and historical permit review required for FDAE is minimal due to FDAE's involvement with Mundy Landfill's solid waste permitting history. However, FDAE has conducted a historical permit review to determine what preliminary information may be needed to complete the



permit modification application and to ensure the contents of the permit modification application will not conflict with any existing permit documents. Documents reviewed included the most recent Permit Renewal Application (2015) and subsequent solid waste permit modification applications.

**B) Assistance with Buffer Waiver Acquisition**

According to LDEQ regulations, a buffer zone of not less than 200 feet shall be maintained between the facility and the property line. The buffer zone requirement may be reduced or eliminated through mutual agreement with the adjacent landowner in the form of a notarized affidavit. Upon review of BMP's proposed RNG facility plan, it appears that a buffer waiver will need to be acquired from the adjacent landowner and they will need to waive their rights to the 200-foot buffer zone. Figure No. 1 is included as **Attachment B** showing the location of the proposed RNG facility at the site.

FDAE has emailed Mr. Troy Gibbs, Manager of Nabors Properties, LLC. Nabors Properties is listed as the owner of the property just to the north of the proposed RNG facility location according to the DeSoto Parish Assessor's GIS maps. Mr. Michael Norton was copied on the email to Mr. Gibbs. In the subject email, FDAE briefly provided some background information, a project description, and requested cooperation from Nabors Properties in executing a buffer waiver. A draft of the buffer waiver affidavit was provided as an attachment to the email. Prior to emailing Mr. Gibbs, FDAE did have a telephone conversation to give a brief verbal description of the project.

The timeline for Nabors Properties' approval of the requested buffer waiver is beyond FDAE's control. However, FDAE will continue to work with the DPPJ and Nabors Properties to accomplish this task.

**C) Request for Army Corps of Engineers (USACE) Updated Jurisdictional Determination**

A jurisdictional determination must be obtained from the U.S. Army Corps of Engineers (USACE) stating whether or not there are jurisdictional wetlands within the area of the proposed RNG facility and stating if the area is subject to Section 404 of the Clean Water Act (CWA). FDAE will submit a request to the USACE to provide a preliminary jurisdictional determination for the area around the proposed RNG facility. If the USACE determines that the proposed RNG facility area is not subject to the requirements of Section 404 of the CWA, the preliminary jurisdictional determination will be sufficient to be submitted with the solid waste permit modification application. If the USACE cannot make this determination, further investigation will be required to determine if wetlands are present and to what extent they are present in the area around the proposed RNG facility. If the USACE determines that jurisdictional wetlands are present in the subject area, then a 404 permit would have to be obtained prior to disturbing the area. Based on the best available data we have at this time, FDAE's proposal assumes that the USACE preliminary jurisdictional determination will determine that there are no wetlands in the project area subject to Section 404 of the CWA. Therefore, this proposal does not cover any 404 permitting, mitigation, or further investigation into the presence of wetlands in the area of the proposed RNG facility.

**D) Surveying**

LDEQ requires that pre-construction contours be provided as part of the permit modification application. Additionally, the pre-construction topographic contours will be needed to determine the amount of earthwork that will be required to develop the area for the proposed RNG facility. The effort associated with the pre-construction survey is included in the scope of work covered by this proposal.

**E) Exemption Request for Early Construction of the GCCS and RNG Facility and/or Request for Expedited Permit Processing**

FDAE understands that time is of the essence. However, preparation and LDEQ-review of solid waste permit modification applications can take a significant amount of time. The amount of time LDEQ will require to review the permit modification application is out of FDAE's control. However, in the interest of time and to keep the project moving forward, FDAE may request from LDEQ, on behalf of DPPJ, an early construction exemption as per LAC 33:VII.307. Upon approval by LDEQ, an early construction exemption would allow construction of the GCCS and RNG facility to proceed before approval of the solid waste permit modification application. FDAE thinks it is likely that approval of the early construction exemption can be secured from LDEQ due to installation of the GCCS and RNG facility being an environmentally beneficial project. The exemption request for early construction will be submitted to LDEQ as a separate document from the permit modification application. FDAE will work to gage LDEQ's review timeline prior to submittal to determine as best as possible whether or not an early construction exemption request is necessary. The exemption request will require publication of public notice.

As an alternate plan, if desired by the DPPJ, FDAE can include a request for expedited permit processing with the application wherein the DPPJ would offer to pay LDEQ's overtime fees to review the application in an expedited manner. The DPPJ would need to propose a maximum amount it is willing to pay LDEQ for this service. This service in no way guarantees modification approval and LDEQ does not guarantee that the application can be reviewed in the time frame requested using the budget available under the proposed maximum fee. FDAE's proposal does not include payment of the expedited permit review fee. Please note, LDEQ will publish a public notice of the request for expedited permit processing.

**Task 2 – Solid Waste Permit Modification Application Preparation/Submittal**

FDAE will follow the current federal and state regulations in preparing and submitting the solid waste permit modification application. We will also closely follow the current LDEQ guidance document in order to complete the Louisiana Solid Waste Permit Application form for Type I/Type II Landfills. The application will be submitted to the attention of the current Assistant Secretary of the Office of Environmental Services or the current Administrator of the Waste Permits Division.

Based on the solid waste regulations and FDAE's experience, it appears that this modification will be considered a major modification since it involves a new form of waste processing at the site. FDAE will work with LDEQ prior to the application submittal to make the determination of whether the modification will be major or minor. A major modification requires publication of public notices and preparation and submittal of an Environmental Assessment Statement. FDAE's proposal is based on this being a major modification.

FDAE's proposal does include payment of LDEQ's \$2,650 permit review fee.

It is assumed that BMP will provide the necessary permit level GCCS and RNG facility drawings and operational information for inclusion into the permit application.

As required by LDEQ, FDAE will print and assemble five physical copies of the permit modification application and all required attachments to be submitted to LDEQ. One additional hard copy will be submitted to the DPPJ. PDF copies will be distributed to all approved parties.

### 3. ESTIMATED COSTS

The estimated costs needed to accomplish the scope of work presented above are summarized below. Note that these costs only cover the work required to submit the solid waste permit modification application to LDEQ. The extent of Notices of Deficiency (NOD's) from LDEQ, if any, cannot be predicted in advance and so a meaningful cost estimate for handling them cannot be prepared at this time. The level-of-effort and associated costs through the first submittal are summarized below.

Task 1 – Preparatory Work: Estimated \$30,000

Task 2 – Solid Waste Permit Modification Application Preparation/Submittal: Estimated \$68,000

**TOTAL OF TASKS 1 AND 2: Estimated \$98,000 (ninety-eight thousand dollars)**

The above estimated costs do not include:

- Response to NODs from LDEQ or preparation of the associated final copies;
- Geotechnical investigations or hydrogeological studies;
- Baseline environmental testing;
- Archeological, wildlife, and or specific study or survey, if needed;
- Wetlands investigation, determination, delineation, 404 permitting or mitigation costs;
- Preparation of applications/modification for LPDES or Title V Air Permits;
- GCCS or RNG facility design;
- Gas pipeline tie-in or easement assistance;
- Bid package preparation or Construction Quality Assurance; or
- Public hearing preparation or participation.

FDAE will invoice DPPJ on a monthly basis only for the services provided on a time and material basis; therefore, the costs provided are only estimates. Our 2023 Fee Schedule is attached. Invoicing for this project that occurs in subsequent calendar years will be based on FDAE's Fee Schedule that is in place at that time. We will not exceed our quoted budget figures unless the nature of the project changes. However, your approval will be secured before any extra charges are incurred.

Please note that as specified in the agreement between DPPJ and BMP, the costs incurred for preparing the solid waste permit modification application are reimbursable to the DPPJ by BMP.

### 4. SCHEDULE

FDAE anticipates completing and submitting a draft solid waste permit modification application for your review within 90 days of your Notice to Proceed. However, the permit modification application cannot be deemed technically complete by LDEQ until a buffer waiver is obtained from the adjacent landowner and until the USACE jurisdictional determination has been received from the USACE. LDEQ cannot approve the modification application until it is deemed technically complete. Therefore, the ultimate approval timeline for the modification application is beyond FDAE's control, but we will make every effort to expedite the process as detailed above.

## 5. CONTRACTUAL CONSIDERATIONS

This proposal is based on our 2023 Fee Schedule (**Attachment A**) and may be used as a written agreement in place of a more formal contract. Your signature acknowledges your agreement with the terms and conditions of this proposal. Please sign and return the acknowledgement page of this proposal (Page 6) for our files or attach your Purchase Order reflecting the terms. Please note that our payment terms are 30 days from the DPPJ' Administrator's approval of invoice. Approval or denial of invoice by the Administrator shall not exceed 14 days.

The writer would be pleased to discuss any questions you may have concerning this proposal. We appreciate the opportunity to submit this proposal and look forward to serving you on this project.

Very truly yours,

**FOURRIER & DE ABREU ENGINEERS, LLC**



Dustin J. Romero, P.E.  
Project Engineer

DJR

cc: Ms. Lilliana Garcia, DeSoto Parish Police Jury, Parish Treasurer  
Mr. David O'Mary, DeSoto Parish Police Jury, Solid Waste Supervisor

Attachments (2)

**PROPOSAL P2308-0002 (Proposal for Preparation of a Major Solid Waste Permit Modification Application and Submission) DATED 09/11/2023 IS ACCEPTED BY:**

Name: Mr. Michael Norton

Company/Organization: Desoto Parish Police Jury

Title: Parish Administrator

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

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

**ATTACHMENT A**  
**FEE SCHEDULE**

# 2023 Fee Schedule

<b>PROFESSIONAL SERVICES</b>	
<b><u>Professional Services</u></b>	
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Senior Engineer	\$195 /hr
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<b>Notes:</b>	
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Compressive Strength of Cylindrical Concrete Specimens (ASTM C39)	\$20 /ea
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Notes:	
(1) Sampling/processing fees may apply.	
(2) Rates apply to uncontaminated soil samples. FDAE will not test samples if hazardous substances are present.	



**ATTACHMENT B**  
**Figure No. 1 – Proposed BioMethane Partners RNG Facility**



**Legend**

- Approximate Limits of Proposed RNG Facility
- Approximate Property Limits

**Notes**

1. Approximate limits of proposed RNG facility provided by Biomethane Partners.
2. Horizontal and vertical coordinates are local to the site.



**Figure No. 1**  
**Proposed Biomethane Partners RNG Facility**  
 Mundy Landfill  
 Desoto Parish Police Jury  
 Mansfield, Louisiana



Fourrier & de Abreu  
 Engineers, L.L.C.  
 PROFESSIONAL ENGINEERS AND CIVIL ENGINEERS

DATE: 6/17/2023	CHECKED BY: DAR	JOB NO:	MAN-043
DRAWN: FMAE	REVISION: 0	FIGURE NO:	MAN-043-01





**September 11, 2023**

DeSoto Parish Police Jury  
101 Franklin St.  
Mansfield, LA 71052

**Delivered via email only to  
MNorton@desotoppj.com**

Attention: Mr. Michael Norton, Administrator

**Re: Proposal for Preparation of a Major Title V Permit Modification Application and Submission  
Mundy Landfill  
Mansfield, DeSoto Parish, Louisiana  
FDAE Proposal No. P2308-0003**

---

Dear Mr. Norton:

Fourrier & de Abreu Engineers, LLC (FDAE) is pleased to submit this proposal to prepare the major Title V permit modification application referent to the proposed BioMethane Partners (BMP) renewable natural gas (RNG) facility at Mundy Landfill.

## **1. PROJECT DESCRIPTION**

As you know, the DeSoto Parish Police Jury has entered into an agreement with BMP to install a landfill gas control and collection system (GCCS) and RNG facility at Mundy Landfill. The proposed GCCS will extract landfill gas from Mundy Landfill and send it to the RNG facility for processing. The processed landfill gas will be sent to Williams pipeline where it will be used as a renewable energy source. RNG facilities like the one proposed are known to have a positive impact on the community and environment and have numerous benefits including improved air quality, reduced odors, renewable energy generation, and climate change mitigation. Additionally, as provided in the terms of the contract between DPPJ and BMP, the proposed RNG facility will create an additional revenue stream for Mundy Landfill. As explained in the Scope of Work, this proposal covers only modification of DPPJ's existing Title V permit to include the proposed GCCS and blower/flare skid. Addition of these items to the facility will require preparation and submittal of a major Title V permit modification application. The proposed Scope of Work shown below details the permitting requirements that are necessary based on our understanding of the project.

## **2. SCOPE OF WORK**

After discussions DPPJ and BMP, FDAE understands that the preferred permitting strategy involves modifying DPPJ's existing Title V permit to include the proposed GCCS and blower/flare skid. FDAE also understands that BMP intends to submit a separate application to LDEQ for a new and separate permit to cover the proposed RNG facility. The Scope of Work included under this proposal includes submitting a Title V permit modification application to LDEQ to modify DPPJ's existing Title V permit to include the GCCS and blower/flare skid and not the proposed RNG facility.

Under this Scope of Work, FDAE will provide the following services:

- Correspondence with BMP and DPPJ to develop a permitting strategy for the GCCS, blower/flare skid, and RNG facility and to obtain necessary site operations information for emission calculation inputs;
- Preparation of the request for Authorization to Construct (ATC) and submittal prior to permit issuance and payment of the LDEQ ATC fee;
- One meeting with DPPJ to review the draft permit modification application;
- Regulatory research and LDEQ correspondence (and LDEQ meeting if necessary) to ensure the current regulatory requirements are satisfied and that the fee payment is correct;
- The application will involve preparation of the following documents:
  - LDEQ transmittal form
  - Introduction document
  - Figures
  - Emission Summary Tables
  - Application for Approval of Air Emissions from Part 70 (Title V) Sources document
  - Emission Inventory Questionnaires
  - Calculations for all proposed emission sources.
- Printing and binding of six sets of the application (three for LDEQ, one for Mundy Landfill, one to DPPJ for public review, and one to DeSoto Parish Public Library for public review). In addition, an electronic copy of the application will be sent to EPA Region VI via compact disc;
- Delivery of application to LDEQ, Mundy Landfill, DPPJ, and the Parish Library; and
- Review of the final modified permit issued by LDEQ.

The Scope of Work provide include preparation of the Title V permit modification application only. Title V reporting services are included under a separate proposal.

### 3. ESTIMATED COST

The estimated cost to complete the Scope of Work is **\$49,000**. Note that this estimated cost only covers the work required to submit the Title V permit modification application to LDEQ associated with the proposed GCCS and blower/flare skid. The extent of Notices of Deficiency (NODs) from LDEQ, if any, cannot be predicted in advance and so a meaningful cost estimate for handling them cannot be prepared at this time.

The above estimated cost does not include:

- Response to NODs from LDEQ or preparation of the associated final copies;
- Geotechnical investigations or hydrogeological studies;
- Baseline environmental testing;
- Archeological, wildlife, and or specific study or survey, if needed;
- Wetlands investigation, determination, delineation, 404 permitting or mitigation costs;
- Preparation of applications/modification for LPDES or solid waste permits;
- GCCS or RNG facility design;
- Gas pipeline tie-in or easement assistance;
- Bid package preparation or Construction Quality Assurance;
- Public Notice costs (newspaper publication costs); or
- Public hearing preparation or participation.

FDAE will invoice DPPJ on a monthly basis only for the services provided on a time and material basis. Therefore, the costs provided are only estimates. Our 2023 Fee Schedule is attached. Invoicing for this project that occurs in subsequent calendar years will be based on FDAE's Fee Schedule that is in place at that time. We will not exceed our quoted budget figures unless the nature

of the project changes. However, your approval will be secured before any extra charges are incurred.

Please note that as specified in the agreement between DPPJ and BMP, the cost incurred for preparing the Title V permit modification application associated with the proposed GCCS and blower/flare skid is reimbursable to the DPPJ by BMP.

#### **4. SCHEDULE**

FDAE anticipates completing and submitting a draft Title V Permit Modification Application for your review within 90 days of your Notice to Proceed.

#### **5. CONTRACTUAL CONSIDERATIONS**

This proposal is based on our 2023 Fee Schedule and may be used as a written agreement in place of a more formal contract. Your signature acknowledges your agreement with the terms and conditions of this proposal. Please sign and return the acknowledgement page of this proposal (Page 4) for our files or attach your Purchase Order reflecting the terms. Please note that our payment terms are 30 days from the DPPJ Administrator's approval of invoice. Approval or denial of invoice by the Administrator shall not exceed 14 days.

The writer would be pleased to discuss any questions you may have concerning this proposal. We appreciate the opportunity to submit this proposal and look forward to serving you on this project.

Very truly yours,

**FOURRIER & DE ABREU ENGINEERS, LLC**



Dustin J. Romero, P.E.  
Project Engineer

DJR

cc: Ms. Lilliana Garcia, DeSoto Parish Police Jury, Parish Treasurer  
Mr. David O'Mary, DeSoto Parish Police Jury, Solid Waste Supervisor

**PROPOSAL P2308-0003 (Proposal for Preparation of a Major Title V Permit Modification Application and Submission) DATED 09/11/2023 IS ACCEPTED BY:**

Name: Mr. Michael Norton

Company/Organization: Desoto Parish Police Jury

Title: Parish Administrator

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

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

**ATTACHMENT A**  
**FEE SCHEDULE**



# 2023 Fee Schedule

<b>PROFESSIONAL SERVICES</b>	
<b><i>Professional Services</i></b>	
Principal	\$230 /hr
Senior Engineer	\$195 /hr
Project Engineer	\$155 /hr
Staff Engineer	\$135 /hr
Senior Environmental Geologist	\$145 /hr
Senior Environmental Scientist	\$130 /hr
Environmental Scientist	\$100 /hr
Surveyor	\$155 /hr
Project Manager	\$145 /hr
Lab Manager	\$130 /hr
Senior Engineering Technician	\$100 /hr
Project Technician	\$83 /hr
CADD Designer	\$110 /hr
Clerical	\$66 /hr
Intern	\$50 /hr
<b><i>Additional Fees</i></b>	
Mileage	\$0.72 /mile
Pick-up Truck	\$150 /day
ATV	\$175 /day
Survey Equipment	\$175 /day
Soil & Geosynthetics Sampling (delivery included)	\$130 /sample
Nuclear Density Gauge	\$120 /day
Per Diem (per man night)	\$220 /night
Other Expenses	Actual Cost+15%
<b>Notes:</b>	
(1) All billable time is charged portal to portal from our main office in Baton Rouge, LA.	
(2) Overtime for technicians (over 8 hours daily, Saturdays, Sundays, and Holidays) will be charged at a rate of 1.25 times the regular rate.	
(3) Minimum callout charge for technicians is four hours, with 24 hour notice to perform services.	
(4) Rain days or delayed days not under our control - \$500/day (minimum charge).	

# 2023 Fee Schedule

<b>GEOTECHNICAL &amp; CONCRETE LABORATORY TESTING</b>	
<b><u>Soil Classification</u></b>	
Moisture Content Determination (ASTM D2216)	\$20.00 /ea
Atterberg Limits Determination - One Point Method (ASTM D4318)	\$90.00 /ea
Atterberg Limits Determination - Three Point Method A (ASTM D4318)	\$105.00 /ea
Grain Size Analysis (2" through 200 Sieve) (ASTM D422)	\$105.00 /ea
Grain Size Analysis (1/4" through 200 Sieve) (ASTM D422)	\$90.00 /ea
Grain Size Analysis - Percent Passing #200 Sieve (ASTM D1140)	\$70.00 /ea
Grain Size Analysis (Hydrometer) (ASTM D422)	\$200.00 /ea
Organic Content (ASTM D2974)	\$100.00 /ea
Unit Weight Determination (ASTM D2937)	\$50.00 /ea
Unit Weight Determination (Calculated)	\$25.00 /ea
Specific Gravity Determination (ASTM D854)	\$145.00 /ea
Unified Soil Classification - USCS (ASTM D2487)	\$80.00 /ea
<b><u>Soil Strength and Consolidation</u></b>	
Unconfined Compressive Strength (ASTM D2166)	\$70.00 /ea
Triaxial - Unconsolidated Undrained (ASTM D2850)	\$95.00 /ea
Triaxial - Consolidated Undrained w/Pore Pressure Measurement (ASTM D4767)	\$1,320.00 /set of 3
Triaxial - Consolidated Drained (ASTM D7181)	
Remolded Sample	\$90.00 /ea
Multistage Loading per Stage	\$550.00 /ea
Consolidation Test - w/o Hysteresis Loop (ASTM D2435)	\$720.00 /ea
Consolidation Test - w/ Hysteresis Loop (ASTM D2435)	\$825.00 /ea
<b><u>Soil Compaction</u></b>	
Standard Proctor Compaction Test - 4" Mold (ASTM D698)	\$215.00 /ea
Modified Proctor Compaction Test - 4" Mold (ASTM D1557)	\$270.00 /ea
<b><u>Saturated Hydraulic Conductivity</u></b>	
Hydraulic Conductivity (Permeability) - Flexible Wall (ASTM D5084)	\$440.00 /ea
Hydraulic Conductivity (Permeability) - Rigid Wall (ASTM D2434)	\$350.00 /ea
<b><u>Other Tests</u></b>	
Soil pH Determination (ASTM D4972)	\$70.00 /ea
Dry Preparation of Soil Samples (ASTM D421)	\$50.00 /ea
<b><u>Soil Sample Management</u></b>	
Preserving and Transporting Samples	\$17.00 /ft
Extruding and Classification of Samples	\$12.00 /ft
<b><u>Concrete Cylinder Compressive Strength</u></b>	
Compressive Strength of Cylindrical Concrete Specimens (ASTM C39)	\$20 /ea
Compressive Strength of Cylindrical Concrete Specimen Cast by Others (ASTM C39)	\$35 /ea
Notes:	
(1) Sampling/processing fees may apply.	
(2) Rates apply to uncontaminated soil samples. FDAE will not test samples if hazardous substances are present.	





**September 11, 2023**

DeSoto Parish Police Jury  
101 Franklin St.  
Mansfield, LA 71052

**Delivered via email only to  
[MNorton@desotoppj.com](mailto:MNorton@desotoppj.com)**

Attention: Mr. Michael Norton, Administrator

**Re: Proposal for SWPPP and SPCC Updates to Include RNG Facility  
Mundy Landfill  
Mansfield, DeSoto Parish, Louisiana  
FDAE Proposal No. P2308-0004**

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Dear Mr. Norton:

Fourrier & de Abreu Engineers, LLC (FDAE) is pleased to submit this proposal to update Mundy Landfill's Stormwater Pollution Prevention Plan (SWPPP) and Spill Prevention, Control, & Countermeasure (SPCC) Plan to account for changes to the facility associated with the proposed BioMethane Partners (BMP) renewable natural gas (RNG) facility at Mundy Landfill.

## **1. PROJECT DESCRIPTION**

As you know, the DeSoto Parish Police Jury (DPPJ) has entered into an agreement with BMP to install a landfill gas control and collection system (GCCS) and RNG facility at Mundy Landfill. The proposed GCCS will extract landfill gas from Mundy Landfill and send it to the RNG facility for processing. The processed landfill gas will be sent to Williams pipeline where it will be used as a renewable energy source. SWPPPs and SPCC Plans are dynamic documents and must be updated to reflect changes to the facility such as the addition of the proposed RNG facility.

## **2. SCOPE OF WORK**

Mundy Landfill's SWPPP and SPCC Plan will need to be updated to reflect changes to the facility related to the proposed RNG facility and maintain compliance with its LPDES Permit. FDAE will update Sections 1.0 through 10.0 of the SWPPP to reflect changes to the facility information, storm water pollution prevention team, potential pollutant sources, best management practices (BMPs), etc. FDAE will also update Figure Nos. 1 and 2 to show the location of the proposed RNG facility and to show the locations of any potential pollutant sources that might be added after construction of the proposed RNG facility. This proposal covers SWPPP and SPCC Plan updates associated with the proposed RNG facility only. Inspections and outfalls sampling are outside of this Scope of Work and are covered under a separate proposal. FDAE estimates that the SWPPP and SPCC Plan updates will be completed within 60 days following your approval of this proposal.

### 3. ESTIMATED COST

The total estimated cost to complete the Scope of Work is \$12,000. This task will be charged as a lump sum. If additional work is required, it will be charged according to our 2023 Fee Schedule presented in Attachment A. However, your approval will be secured before any additional charges are incurred.

Please note that as specified in the agreement between DPPJ and BMP, the cost incurred for preparing the SWPPP/SPCC updates associated with the proposed RNG facility are reimbursable to the DPPJ by BMP.

### 4. CONTRACTUAL CONSIDERATIONS

This proposal is based on our 2023 Fee Schedule and may be used as a written agreement in place of a more formal contract. Your signature acknowledges your agreement with the terms and conditions of this proposal. Please sign and return the acknowledgement page of this proposal (Page 3) for our files or attach your Purchase Order reflecting the terms. Please note that our payment terms are 30 days from the DPPJ Administrator's approval of invoice. Approval or denial of invoice by the Administrator shall not exceed 14 days.

The writer would be pleased to discuss any questions you may have concerning this proposal.

Very truly yours,

**FOURRIER & DE ABREU ENGINEERS, LLC**



Dustin J. Romero, P.E.  
Project Engineer

DJR

cc: Ms. Liliana Garcia, DeSoto Parish Police Jury, Parish Treasurer  
Mr. David O'Mary, DeSoto Parish Police Jury, Solid Waste Supervisor

**PROPOSAL P2308-0004 (Proposal for SWPPP and SPCC Updates to Include RNG Facility) DATED 09/11/2023 IS ACCEPTED BY:**

Name: Mr. Michael Norton

Company/Organization: Desoto Parish Police Jury

Title: Parish Administrator

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

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

**ATTACHMENT A**  
**FEE SCHEDULE**

# 2023 Fee Schedule

<b>PROFESSIONAL SERVICES</b>	
<b><i>Professional Services</i></b>	
Principal	\$230 /hr
Senior Engineer	\$195 /hr
Project Engineer	\$155 /hr
Staff Engineer	\$135 /hr
Senior Environmental Geologist	\$145 /hr
Senior Environmental Scientist	\$130 /hr
Environmental Scientist	\$100 /hr
Surveyor	\$155 /hr
Project Manager	\$145 /hr
Lab Manager	\$130 /hr
Senior Engineering Technician	\$100 /hr
Project Technician	\$83 /hr
CADD Designer	\$110 /hr
Clerical	\$66 /hr
Intern	\$50 /hr
<b><i>Additional Fees</i></b>	
Mileage	\$0.72 /mile
Pick-up Truck	\$150 /day
ATV	\$175 /day
Survey Equipment	\$175 /day
Soil & Geosynthetics Sampling (delivery included)	\$130 /sample
Nuclear Density Gauge	\$120 /day
Per Diem (per man night)	\$220 /night
Other Expenses	Actual Cost+15%
<b>Notes:</b>	
(1) All billable time is charged portal to portal from our main office in Baton Rouge, LA.	
(2) Overtime for technicians (over 8 hours daily, Saturdays, Sundays, and Holidays) will be charged at a rate of 1.25 times the regular rate.	
(3) Minimum callout charge for technicians is four hours, with 24 hour notice to perform services.	
(4) Rain days or delayed days not under our control - \$500/day (minimum charge).	



## 2023 Fee Schedule

### GEOTECHNICAL & CONCRETE LABORATORY TESTING

#### **Soil Classification**

Moisture Content Determination (ASTM D2216)	\$20.00 /ea
Atterberg Limits Determination - One Point Method (ASTM D4318)	\$90.00 /ea
Atterberg Limits Determination - Three Point Method A (ASTM D4318)	\$105.00 /ea
Grain Size Analysis (2" through 200 Sieve) (ASTM D422)	\$105.00 /ea
Grain Size Analysis (1/4" through 200 Sieve) (ASTM D422)	\$90.00 /ea
Grain Size Analysis - Percent Passing #200 Sieve (ASTM D1140)	\$70.00 /ea
Grain Size Analysis (Hydrometer) (ASTM D422)	\$200.00 /ea
Organic Content (ASTM D2974)	\$100.00 /ea
Unit Weight Determination (ASTM D2937)	\$50.00 /ea
Unit Weight Determination (Calculated)	\$25.00 /ea
Specific Gravity Determination (ASTM D854)	\$145.00 /ea
Unified Soil Classification - USCS (ASTM D2487)	\$80.00 /ea

#### **Soil Strength and Consolidation**

Unconfined Compressive Strength (ASTM D2166)	\$70.00 /ea
Triaxial - Unconsolidated Undrained (ASTM D2850)	\$95.00 /ea
Triaxial - Consolidated Undrained w/Pore Pressure Measurement (ASTM D4767)	\$1,320.00 /set of 3
Triaxial - Consolidated Drained (ASTM D7181)	
Remolded Sample	\$90.00 /ea
Multistage Loading per Stage	\$550.00 /ea
Consolidation Test - w/o Hysteresis Loop (ASTM D2435)	\$720.00 /ea
Consolidation Test - w/ Hysteresis Loop (ASTM D2435)	\$825.00 /ea

#### **Soil Compaction**

Standard Proctor Compaction Test - 4" Mold (ASTM D698)	\$215.00 /ea
Modified Proctor Compaction Test - 4" Mold (ASTM D1557)	\$270.00 /ea

#### **Saturated Hydraulic Conductivity**

Hydraulic Conductivity (Permeability) - Flexible Wall (ASTM D5084)	\$440.00 /ea
Hydraulic Conductivity (Permeability) - Rigid Wall (ASTM D2434)	\$350.00 /ea

#### **Other Tests**

Soil pH Determination (ASTM D4972)	\$70.00 /ea
Dry Preparation of Soil Samples (ASTM D421)	\$50.00 /ea

#### **Soil Sample Management**

Preserving and Transporting Samples	\$17.00 /ft
Extruding and Classification of Samples	\$12.00 /ft

#### **Concrete Cylinder Compressive Strength**

Compressive Strength of Cylindrical Concrete Specimens (ASTM C39)	\$20 /ea
Compressive Strength of Cylindrical Concrete Specimen Cast by Others (ASTM C39)	\$35 /ea

Notes:

- (1) Sampling/processing fees may apply.
- (2) Rates apply to uncontaminated soil samples. FDAE will not test samples if hazardous substances are present.

**September 7, 2023**

DeSoto Parish Police Jury  
101 Franklin St.  
Mansfield, LA 71052

**Delivered via email only to  
MNorton@desotopj.com**

Attention: Mr. Michael Norton, Administrator

**Re: Proposal for Monitoring Wells Plugging & Abandonment  
Mundy Landfill  
Mansfield, DeSoto Parish, Louisiana  
FDAE Proposal No. P2308-0005**

---

Dear Mr. Norton:

Fourrier & de Abreu Engineers, LLC (FDAE) is pleased to submit this proposal to provide field and reporting services necessary for the plugging and abandonment of monitoring wells MW-G1-18, MW-G1-14R, MW-C-6, and MW-G2-12.

## **1. PROJECT DESCRIPTION**

Monitoring wells MW-G1-18, MW-G1-14R, MW-C-6, and MW-G2-12 were located inside Mundy Landfill's Borrow Area and inside the footprint of the proposed future waste disposal Cell X. The monitoring wells were plugged and abandoned so that earthwork activities could take place this year in preparation for construction of future waste disposal Cell X which is currently planned to take place next year. Replacement monitoring wells will need to be installed to replace the monitoring wells that were plugged and abandoned. However, work associated with installation of the replacement monitoring wells is outside the scope of this proposal. The replacement monitoring wells will be installed within 45 days of substantial completion of construction associated with future Cell X near the proposed monitoring well locations. Work associated with the installation of the replacement monitoring wells will be covered under a separate proposal.

## **2. SCOPE OF WORK**

The monitoring wells were plugged and abandoned in accordance with FDAE's Monitoring Well Plugging and Abandonment and Installation Work Plan which was submitted to LDEQ on June 26, 2023. The Work Plan was approved by LDEQ in a letter dated July 31, 2023. In accordance with the Work Plan, MW-G1-18 was removed completely by excavation since the preliminary design elevation of Cell X was lower than the bottom elevation of MW-G1-18 at that well's location. MW-G1-14R, MW-C-6, and MW-G2-12 were plugged and abandoned by over-drilling in accordance with the Work Plan and applicable LDEQ regulations. Removal of surface completions, excavation of MW-G1-18, and over-drilling of MW-G1-14R, MW-C-6, and MW-G2-12 was observed and documented by FDAE personnel. This documentation, as required by LDEQ regulations, will be included in the plugging and abandonment report which will be submitted to LDEQ within 60 days of the completion of plugging and abandonment activities. FDAE is currently working on the plugging and abandonment report.

### 3. ESTIMATED COST

The total estimated cost to complete the Scope of Work is \$30,000. This task will be charged as a lump sum. If additional work is required, it will be charged according to our 2023 Fee Schedule presented in Attachment A. However, your approval will be secured before any additional charges are incurred.

### 4. CONTRACTUAL CONSIDERATIONS

This proposal is based on our 2023 Fee Schedule and may be used as a written agreement in place of a more formal contract. Your signature acknowledges your agreement with the terms and conditions of this proposal. Please sign and return the acknowledgement page of this proposal (Page 3) for our files or attach your Purchase Order reflecting the terms. Please note that our payment terms are 30 days from the DPPJ Administrator's approval of invoice. Approval or denial of invoice by the Administrator shall not exceed 14 days.

The writers would be pleased to discuss any questions you may have concerning this proposal. We appreciate the opportunity.

Very truly yours,

**FOURRIER & DE ABREU ENGINEERS, LLC**



Dustin J. Romero, P.E.  
Project Engineer

DJR

cc: Ms. Liliana Garcia, DeSoto Parish Police Jury, Parish Treasurer  
Mr. David O'Mary, DeSoto Parish Police Jury, Solid Waste Supervisor

**PROPOSAL P2308-0005 (Proposal for Monitoring Wells Plugging and Abandonment) DATED 09/7/2023 IS ACCEPTED BY:**

Name: Mr. Michael Norton

Company/Organization: Desoto Parish Police Jury

Title: Parish Administrator

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

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

**ATTACHMENT A**  
**FEE SCHEDULE**

# 2023 Fee Schedule

<b>PROFESSIONAL SERVICES</b>	
<b><i>Professional Services</i></b>	
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Senior Engineer	\$195 /hr
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Senior Environmental Geologist	\$145 /hr
Senior Environmental Scientist	\$130 /hr
Environmental Scientist	\$100 /hr
Surveyor	\$155 /hr
Project Manager	\$145 /hr
Lab Manager	\$130 /hr
Senior Engineering Technician	\$100 /hr
Project Technician	\$83 /hr
CADD Designer	\$110 /hr
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<b><i>Additional Fees</i></b>	
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Survey Equipment	\$175 /day
Soil & Geosynthetics Sampling (delivery included)	\$130 /sample
Nuclear Density Gauge	\$120 /day
Per Diem (per man night)	\$220 /night
Other Expenses	Actual Cost+15%
<b>Notes:</b>	
(1) All billable time is charged portal to portal from our main office in Baton Rouge, LA.	
(2) Overtime for technicians (over 8 hours daily, Saturdays, Sundays, and Holidays) will be charged at a rate of 1.25 times the regular rate.	
(3) Minimum callout charge for technicians is four hours, with 24 hour notice to perform services.	
(4) Rain days or delayed days not under our control - \$500/day (minimum charge).	

# 2023 Fee Schedule

<b>GEOTECHNICAL &amp; CONCRETE LABORATORY TESTING</b>	
<b>Soil Classification</b>	
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Atterberg Limits Determination - One Point Method (ASTM D4318)	\$90.00 /ea
Atterberg Limits Determination - Three Point Method A (ASTM D4318)	\$105.00 /ea
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Grain Size Analysis (1/4" through 200 Sieve) (ASTM D422)	\$90.00 /ea
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Organic Content (ASTM D2974)	\$100.00 /ea
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<b>Soil Strength and Consolidation</b>	
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Triaxial - Unconsolidated Undrained (ASTM D2850)	\$95.00 /ea
Triaxial - Consolidated Undrained w/Pore Pressure Measurement (ASTM D4767)	\$1,320.00 /set of 3
Triaxial - Consolidated Drained (ASTM D7181)	
Remolded Sample	\$90.00 /ea
Multistage Loading per Stage	\$550.00 /ea
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Consolidation Test - w/ Hysteresis Loop (ASTM D2435)	\$825.00 /ea
<b>Soil Compaction</b>	
Standard Proctor Compaction Test - 4" Mold (ASTM D698)	\$215.00 /ea
Modified Proctor Compaction Test - 4" Mold (ASTM D1557)	\$270.00 /ea
<b>Saturated Hydraulic Conductivity</b>	
Hydraulic Conductivity (Permeability) - Flexible Wall (ASTM D5084)	\$440.00 /ea
Hydraulic Conductivity (Permeability) - Rigid Wall (ASTM D2434)	\$350.00 /ea
<b>Other Tests</b>	
Soil pH Determination (ASTM D4972)	\$70.00 /ea
Dry Preparation of Soil Samples (ASTM D421)	\$50.00 /ea
<b>Soil Sample Management</b>	
Preserving and Transporting Samples	\$17.00 /ft
Extruding and Classification of Samples	\$12.00 /ft
<b>Concrete Cylinder Compressive Strength</b>	
Compressive Strength of Cylindrical Concrete Specimens (ASTM C39)	\$20 /ea
Compressive Strength of Cylindrical Concrete Specimen Cast by Others (ASTM C39)	\$35 /ea
Notes:	
(1) Sampling/processing fees may apply.	
(2) Rates apply to uncontaminated soil samples. FDAE will not test samples if hazardous substances are present.	

**August 22, 2023**

Desoto Parish Police Jury  
101 Franklin St.  
Mansfield, LA 71052

**Delivered via email only to  
mnorton@desotoppj.com**

Attention: Mr. Michael Norton  
Parish Administrator

**Re: Proposal for Wetlands Delineation Study for the West Landfill Property  
Mundy Landfill  
Mansfield, LA  
FDAE Proposal No. P2308-0007**

---

Dear Mr. Norton,

Fourrier & de Abreu Engineers, L.L.C. (FDAE) is pleased to submit this proposal to conduct a wetlands delineation study for the west property of Mundy Landfill in Mansfield, DeSoto Parish, Louisiana.

In order to permit the approximately 58-acre area for solid waste disposal, a jurisdictional wetlands determination will be needed. In a 2018 study conducted for the landfill, jurisdictional wetlands were found at the facility. The 2018 jurisdictional determination expires this year and, therefore, a new wetlands determination is necessary.

The proposed scope of work can be divided into three tasks:

- Wetland and Other Waters Assessment
- Threatened & Endangered Species Surveys/Coordination
- 404 Nationwide Permit/Individual Permit

Each one of these tasks are detailed in the following paragraphs:

**Task 1 - Wetland and Other Waters Assessment**

FDAE proposes to complete a wetland and other waters assessment within the boundaries of the expansion area to determine the extent and location of any jurisdictional wetlands and/or "other waters of the United States" that may exist under the U.S. Army Corps of Engineers (USACE), Vicksburg District's purview. Once this is established, a preliminary map will be submitted to the DPPJ for review. If acceptable, FDAE will complete the mapping and draft the wetland and other waters report. This report will contain the required information to coordinate our findings with the USACE for the issuance of a jurisdictional determination, if needed. This will define the extent and location of any jurisdictional waters on the property and include concurrence from the USACE after their review.



As you may be aware, the regulatory environment is expected to change in the near future as a result of the Supreme Court of the U.S.'s (SCOTUS) decision in the Sackett v. Environmental Protection Agency (EPA) decision. FDAE is bound to the policies and procedures of the USACE and EPA at the time of the wetland and other waters assessment. We will monitor the expected changes as a result of the SCOTUS decision and if we feel these changes in policies and procedures will benefit the DPPJ, we will provide guidance with respect to the timing of the field assessment and submittal to the USACE.

Prior to submitting any documentation to the USACE, we would first submit our initial findings to the DPPJ for review and approval as well as to discuss any potential permit/mitigation requirements that may be needed prior to project initiation. The assessment would provide a baseline document that would be used to determine if any potential permitting and mitigation requirements may be.

### **Task 2 - Threatened & Endangered Species Surveys/Coordination**

Field surveys for threatened and endangered species would be required for the entire project area. We propose to include as an initial budget to cover field surveys and any additional coordination that may be needed with respect to threatened and endangered species within the entire project area. Please note that if specialized surveys, including but not limited to audible, mist netting, or aquatic are required, we would coordinate with the DPPJ and submit a supplemental budget. We will generate an official species list from the Information for Planning and Consultation (IPaC) website to determine if any species may be affected by the proposed project.

### **Task 3 - 404 Nationwide Permit/Individual Permit**

The U.S. Army Corps of Engineers, Vicksburg District (USACE) regulates the placement of dredged or fill material into waters of the United States (U.S.).

If the planned expansion adversely affects waters of the U.S. (per the USACE policies) that are less than 0.5 acres, the project may be authorized under a Nationwide Permit (NWP). This would include preparation of the preconstruction notification (PCN) submittal, agency meetings, and agency coordination required to complete the permit action for a nationwide permit.

The USACE generally evaluates projects that have greater than 0.5-acre of fill/impacts under the Standard/Individual Permit process. IPs are placed on a 21-day public notice period in which copies of the application are submitted by the USACE to other agencies such as Region VI EPA, the USFWS, LDWFP, and LDEQ. The USACE also submits copies of the application to all adjoining landowners. The purpose and intent of the public review period is for interested parties to provide written comments to the USACE within the 21-day period. Once the Public Notice ends, the USACE will collect any comments received and provide them to us. In general, any comments with outstanding questions or concerns require a response.

The normal time period to obtain an IP is approximately 150-210 days (5-7 months).

Multiple regulations and approvals are needed before the USACE will issue an authorization to conduct work in waters of the U.S. Some of these are:

1. LDEQ Section 401 WQC requires post-construction storm water design (engineer of record will assist Headwaters with this design).
2. Section 106 of the National Historic Preservation Act: Approval required by the USACE, LA State Historic Preservation Office, and pertinent Native American Tribes will be required.
3. Section 7 of the Endangered Species Act: Approval required by USFWS and the USACE.
4. LDEQ General Construction NPDES Stormwater Permit.
5. Section 404(b)(1) – Alternatives Analysis: In essence, the USACE will require that the Applicant satisfy Section 404(b)(1) of the Clean Water Act which is to validate to the USACE and EPA that the Applicant has considered other alternatives and that the proposed project has avoided and minimized impacts to the maximum extent in light of the purpose, environmental impacts, logistics, cost, and technology.

### **Assumptions and Limitations**

This cost does not include a Phase I Cultural Resources Survey or wetland or stream mitigation costs that may be associated with the permit requirements. Regarding cultural resources, we will complete a literature review that includes data from the LA SHPO's office indicating any known historical sites and all previously completed cultural resource surveys within a 1-mile radius of the project area. Our goal is that this will satisfy the USACE during their NHPA Section 106 review. If the USACE requires a Phase I Cultural Resources Survey, we will provide a supplemental budget at that time. Please note that this could mean a significant additional expense, not included as part of the scope of work of this proposal.

With respect to mitigation, we will assist the DPPJ with the most time and cost-efficient methods to complete any compensatory mitigation, if required by the USACE, under this scope of work. Our goal is to assist the DPPJ with avoiding or minimizing impacts to wetlands/other waters, which will minimize mitigation costs. If compensatory mitigation is required, the purchase of wetland/stream credits would be a transaction between the client and the mitigation bank.

### **Costs and Schedule**

We propose to complete the wetland/other waters assessment, T&E Survey/Coordination, and Individual Permit on an hourly basis with an estimated not-to-exceed budget as shown below.

<b>Activity</b>	<b>Proposed Budget</b>
Task 1 - Wetland & Other Waters Assessment	\$ 15,000.00
Task 2 - T&E Survey/Coordination	\$ 5,000.00
Task 3- Section 404 Individual Permit Authorization (to include WQC and mitigation consultation)	\$ 55,000.00
<b>TOTAL</b>	<b>\$75,000.00</b>

FDAE expects to complete the wetlands determination project within 300 days of your Notice to Proceed, however, delays by the USACE reviews can significantly impact this timeline. Please

**Mr. Michael Norton**  
**August 22, 2023**  
**Page 4 of 5**

note that time of essence, since Mundy Landfill's solid waste permit expires in 2025 and, therefore, a permit application must be received by LDEQ in 2024.

This is an approximate cost estimate, and FDAE will only invoice for services provided on a time and material basis based on our 2023 Fee Schedule provided in Attachment A.

This proposal is based on our 2023 Fee Schedule and may be used as a written agreement in place of a more formal contract. Your signature acknowledges your agreement with the terms and conditions of this proposal. Please sign and return an acknowledgment copy of this proposal for our files or attach your Purchase Order reflecting the terms. Please note that our payment terms are 30 days from the DPPJ's Administrator's approval of invoice. Approval or denial of invoice by the Administrator shall not exceed 14 days.

The writer will be pleased to discuss any questions you may have concerning this proposal. We appreciate the opportunity to submit this proposal and look forward to serving you on this project.

Sincerely,

**FOURIER & DE ABREU ENGINEERS, LLC**



Ricardo C. de Abreu, Ph.D., P.E.  
Principal

**Proposal for Wetlands Delineation Study for the West Landfill  
Property**

**PROPOSAL P2308-0007 DATED 08/22/2023 IS ACCEPTED BY:**

Name: \_\_\_\_\_

Company/Organization: \_\_\_\_\_

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

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

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

**ATTACHMENT A**  
**FEE SCHEDULE**

# 2023 Fee Schedule

<b>PROFESSIONAL SERVICES</b>	
<b>Professional Services</b>	
Principal	\$230 /hr
Senior Engineer	\$195 /hr
Project Engineer	\$155 /hr
Staff Engineer	\$135 /hr
Senior Environmental Geologist	\$145 /hr
Senior Environmental Scientist	\$130 /hr
Environmental Scientist	\$100 /hr
Surveyor	\$155 /hr
Project Manager	\$145 /hr
Lab Manager	\$130 /hr
Senior Engineering Technician	\$100 /hr
Project Technician	\$83 /hr
CADD Designer	\$110 /hr
Clerical	\$66 /hr
Intern	\$50 /hr
<b>Additional Fees</b>	
Mileage	\$0.72 /mile
Pick-up Truck	\$150 /day
ATV	\$175 /day
Survey Equipment	\$175 /day
Soil & Geosynthetics Sampling (delivery included)	\$130 /sample
Nuclear Density Gauge	\$120 /day
Per Diem (per man night)	\$220 /night
Other Expenses	Actual Cost+15%
<b>Notes:</b>	
(1) All billable time is charged portal to portal from our main office in Baton Rouge, LA.	
(2) Overtime for technicians (over 8 hours daily, Saturdays, Sundays, and Holidays) will be charged at a rate of 1.25 times the regular rate.	
(3) Minimum callout charge for technicians is four hours, with 24 hour notice to perform services.	
(4) Rain days or delayed days not under our control - \$500/day (minimum charge).	

# 2023 Fee Schedule

<b>GEOTECHNICAL &amp; CONCRETE LABORATORY TESTING</b>	
<b>Soil Classification</b>	
Moisture Content Determination (ASTM D2216)	\$20.00 /ea
Atterberg Limits Determination - One Point Method (ASTM D4318)	\$90.00 /ea
Atterberg Limits Determination - Three Point Method A (ASTM D4318)	\$105.00 /ea
Grain Size Analysis (2" through 200 Sieve) (ASTM D422)	\$105.00 /ea
Grain Size Analysis (1/4" through 200 Sieve) (ASTM D422)	\$90.00 /ea
Grain Size Analysis - Percent Passing #200 Sieve (ASTM D1140)	\$70.00 /ea
Grain Size Analysis (Hydrometer) (ASTM D422)	\$200.00 /ea
Organic Content (ASTM D2974)	\$100.00 /ea
Unit Weight Determination (ASTM D2937)	\$50.00 /ea
Unit Weight Determination (Calculated)	\$25.00 /ea
Specific Gravity Determination (ASTM D854)	\$145.00 /ea
Unified Soil Classification - USCS (ASTM D2487)	\$80.00 /ea
<b>Soil Strength and Consolidation</b>	
Unconfined Compressive Strength (ASTM D2166)	\$70.00 /ea
Triaxial - Unconsolidated Undrained (ASTM D2850)	\$95.00 /ea
Triaxial - Consolidated Undrained w/Pore Pressure Measurement (ASTM D4767)	\$1,320.00 /set of 3
Triaxial - Consolidated Drained (ASTM D7181)	
Remolded Sample	\$90.00 /ea
Multistage Loading per Stage	\$550.00 /ea
Consolidation Test - w/o Hysteresis Loop (ASTM D2435)	\$720.00 /ea
Consolidation Test - w/ Hysteresis Loop (ASTM D2435)	\$825.00 /ea
<b>Soil Compaction</b>	
Standard Proctor Compaction Test - 4" Mold (ASTM D698)	\$215.00 /ea
Modified Proctor Compaction Test - 4" Mold (ASTM D1557)	\$270.00 /ea
<b>Saturated Hydraulic Conductivity</b>	
Hydraulic Conductivity (Permeability) - Flexible Wall (ASTM D5084)	\$440.00 /ea
Hydraulic Conductivity (Permeability) - Rigid Wall (ASTM D2434)	\$350.00 /ea
<b>Other Tests</b>	
Soil pH Determination (ASTM D4972)	\$70.00 /ea
Dry Preparation of Soil Samples (ASTM D421)	\$50.00 /ea
<b>Soil Sample Management</b>	
Preserving and Transporting Samples	\$17.00 /ft
Extruding and Classification of Samples	\$12.00 /ft
<b>Concrete Cylinder Compressive Strength</b>	
Compressive Strength of Cylindrical Concrete Specimens (ASTM C39)	\$20 /ea
Compressive Strength of Cylindrical Concrete Specimen Cast by Others (ASTM C39)	\$35 /ea
Notes:	
(1) Sampling/processing fees may apply.	
(2) Rates apply to uncontaminated soil samples. FDAE will not test samples if hazardous substances are present.	



**August 22, 2023**

Desoto Parish Police Jury  
101 Franklin St.  
Mansfield, LA 71052

**Delivered via email only to  
mnorton@desotoppj.com**

Attention: Mr. Michael Norton  
Parish Administrator

**Re: Addendum to Proposal for Engineering Assistance and Construction Quality  
Assurance Services (CQA) for Preparation of Subgrade for Cell X  
Mundy Landfill  
Mansfield, DeSoto Parish, Louisiana  
FDAE Proposal No. P2212-0009A**

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Dear Mr. Brown:

Fourrier & de Abreu Engineers, LLC (FDAE) is pleased to submit this addendum to FDAE Proposal No. P2212-0009A which is being provided to include bid assistance within the scope of work for the CQA for preparation of Subgrade for Cell X. The following presents our understanding of the project, proposed technical approach, anticipated schedule, and estimated fees for the additional work. A proposal acceptance form and our estimated fee schedule are also attached.

## **1. PROJECT DESCRIPTION**

FDAE understands that, in addition to the services outlined in FDAE Proposal No. P2212-0009R1, the DeSoto Parish Police Jury (DPPJ) would also like to include bid assistance with the proposed scope of work. In our initial proposal, FDAE assumed that the earthwork required for the preparation of the Cell X subgrade would be completed by the DPPJ. However, FDAE understands that the DPPJ has decided to go for bid for the completion of the preparation of subgrade for the future Cell X. For preparing this proposal, FDAE assumes that advertising for bids will take place at the end of March with construction scheduled to begin in May 2023.

FDAE is already preparing the required major solid waste permit modification application for the related construction of Cell X to be submitted to the Louisiana Department of Environmental Quality (LDEQ). It is also our understanding that the DeSoto Parish Police Jury (DPPJ) wants to initiate the design and obtain construction drawings and technical specifications for the subgrade of the new Cell X.

The scope of this proposal does not include the design, construction plans, technical specifications, or CQA for the clay liner, geotextile, geosynthetic clay liner, HDPE geomembrane, sand and gravel materials for leachate collection system, or for any other systems for the construction of Cell X.



## 2. SCOPE OF WORK

### 2.1. Bid Assistance

FDAE will provide technical support to the DPPJ throughout all phases of the bid process. The engineering services provided as part of bid assistance includes the following tasks:

Bid assistance will include the following tasks:

- Preparation of a detailed construction cost estimate;
- Preparation of the construction bid package;
- Coordination of advertisement in the local paper;
- Attendance of the mandatory pre-bid meeting;
- Attendance of the bid opening;
- Preparation of the Notice of Award to contractor;
- Attendance of the pre-construction meeting;
- Review of contractor's submittals required by Louisiana Public Bid Law; and
- Preparation of the Notice to Proceed to contractor.

## 3. COSTS

The estimated cost to provide the bid assistance outlined in Section 2.1 is approximately \$20,000 (twenty-thousand dollars). This cost would be added to the budgeted cost provided in FDAE Proposal No. P-2212-0009R1 bringing the total cost for the project, including bid assistance, to approximately \$140,000 (one hundred and forty thousand dollars).

FDAE will invoice the DPPJ monthly only for the services provided on a time and material basis. Therefore, the costs provided are only estimates. Our 2023 Fee Schedule is attached for your reference. We will not exceed our quoted budget figures unless the nature of the project changes or additional analyses are required. However, your approval will be secured before any extra charges are incurred.

This cost does not include:

- Preparation of design, plans, specifications, or construction quality assurance other than for subgrade preparation in anticipation of construction of Cell X;
- Preparation of permit applications/modifications for LDEQ or Response to NOD's;
- Additional Topographic/Aerial Surveys
- Wetland delineations, determinations, or associated mitigation costs;
- Design of any structures or components outside the cell footprint;
- Permit review fees;
- Soil borings or any type of geotechnical, geophysical, or geological field investigation;
- Piezometers or monitoring wells installation and quarterly gauging;
- Archeological, wildlife, or any specific study or survey, if needed;
- Wetland delineations or mitigation costs; and
- Meetings with LDEQ or/and DPPJ representatives.

Mr. Michael Norton  
August 22, 2023  
Page 3 of 4

#### 4. CONTRACTUAL CONSIDERATIONS

This proposal is based on our 2023 Fee Schedule and may be used as a written agreement in place of a more formal contract. Your signature acknowledges your agreement with the terms and conditions of this proposal. Please sign and return an acknowledgment copy of this proposal for our files or attach your Purchase Order reflecting the terms. Please note that our payment terms are 30 days from the DPPJ's Administrator's approval of invoice. Approval or denial of invoice by the Administrator shall not exceed 14 days.

The writer will be pleased to discuss any questions you may have concerning this proposal. We appreciate the opportunity to submit this proposal and look forward to serving you on this project.

Sincerely,  
FOURRIER & DE ABREU ENGINEERS, LLC



Dustin J. Romero, P.E.  
Project Engineer



Ricardo C. de Abreu, Ph.D., P.E.  
Principal

**Addendum No. 1 to Proposal for Engineering Assistance and  
Construction Quality Assurance Services (CQA) for Preparation of  
Subgrade for Cell X (Rev. 1)**

**ADDENDUM NO. 1 TO PROPOSAL P2212-0009R1 DATED 08/22/2023 IS  
ACCEPTED BY:**

Name: \_\_\_\_\_

Company/Organization: \_\_\_\_\_

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

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

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

**ATTACHMENT A**  
**FEE SCHEDULE**

# 2023 Fee Schedule

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Notes:	
(1) Sampling/processing fees may apply.	
(2) Rates apply to uncontaminated soil samples. FDAE will not test samples if hazardous substances are present.	



## Indemnification Agreement

The Desoto Parish Police Jury (“DPPJ”) and Nabors Properties, LLC enter into this Indemnification Agreement in favor of Nabors Properties, LLC for the property currently owned by Nabors Property, LLC that borders Mundy Landfill to the north. Mundy Landfill located at 2712 US-84, Mansfield, La. 71052

The DPPJ agrees to indemnify Nabors Properties, LLC and hold harmless Nabors Properties, LLC and its members and managers for any and all claims, demands, expenses and liability arising from property damage or personal injury, damage or loss out of any act or omission of DPPJ its employees, agents or representatives which may occur or stem from the granting of the waiver of the 200’ buffer zone as more fully described on waiver attached as Exhibit 1.

\_\_\_\_\_  
Nabors Properties, LLC

\_\_\_\_\_  
Desoto Parish Police Jury

\_\_\_\_\_  
By:

\_\_\_\_\_  
Rodriguez Ross

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

\_\_\_\_\_  
DPPJ, President

\_\_\_\_\_  
Witness  
Print Name:

\_\_\_\_\_  
Witness  
Print Name:

\_\_\_\_\_  
Witness  
Print Name:

\_\_\_\_\_  
Witness  
Print Name:



\_\_\_\_\_, 2023

To: Nabors Properties, LLC  
c/o Troy Gibbs  
P.O. Box 632  
Mansfield, LA 71052

Re: Property Bordering the DeSoto Parish Police Jury's Mundy Landfill  
Mansfield, DeSoto Parish, LA  
Permitted Solid Waste Landfill, Solid Waste Permit No. P-0035-R2-M6  
Agency Interest No. 19803

To Whom It May Concern:

I understand that the Louisiana Department of Environmental Quality's (LDEQ's) Solid Waste Regulations (LAC 33:VII.709.B.3) require a 200' buffer zone from adjacent property lines for the storage, processing, or disposal of solid waste. Nabors Properties, LLC owns the property that borders Mundy Landfill to the north, and as an authorized signatory for Nabors Properties, LLC, I hereby agree to waive our rights to the buffer zone for the proposed Renewable Natural Gas Facility, and hereby agree to a no buffer zone for the proposed Renewable Natural Gas Facility.

Best regards,

Nabors Properties, LLC \_\_\_\_\_

By: \_\_\_\_\_

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

STATE OF LOUISIANA

PARISH OF \_\_\_\_\_

Before me, a Notary Public in and for the State and the Parish mentioned, personally appeared \_\_\_\_\_, with whom I am personally acquainted (or proved to me on the basis of satisfactory evidence), and who, upon oath, acknowledged such person to be the within bargainor, and that as such bargainor, executed the foregoing instrument for the purpose therein continued, by signing the above instrument.

Witness my hand and seal, at of office this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_



# DeSoto Parish Police Jury

Mailing Address: 101 Franklin St Mansfield, LA 71052  
 PHONE: (318) 872-0738 FAX: (318) 872-5343

## INVOICE

Invoice Number: 20230566  
 09/27/2023

<b>Bill To:</b>
DeSoto Iron & Metal 165 Radio Station Rd Mansfield, LA 71052

Invoice Number	Citation Number	Payment Terms	Due Date
20230566		Net 30 Days	10/27/2023

QTY	FEE NAME	EACH	AMOUNT
6,995.42	NOTES -		\$6,995.42
-2,210.00	Credit -		(\$2,210.00)

<b>DESCRIPTION:</b> Scrap Metal picked up from 2019-2023 Total tons 853.10 @ 8.20/ton; credit check #3360		
<b>TOTAL</b>		<b>4,785.42</b>

Date 09/27/23  
Time 11:14:33

DeSoto Parish Police Jury, LA

Page 1

### Material Analysis Report by Date

Inbound and outbound materials for the period 01/01/2019 - 09/27/2023

Summary Report for Sites: 1, 2  
Accounts 77 - 77 Customer Types - Z ZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
09/11/19		Total			1	0	0	0	4.00	4.00	0.00
		Average				0	0	0	4.00	4.00	0.00
08/21/20		Total			3	0	0	0	11.60	11.60	0.00
		Average				0	0	0	3.87	3.87	0.00
09/03/20		Total			4	0	0	0	12.88	12.88	0.00
		Average				0	0	0	3.22	3.22	0.00
09/04/20		Total			2	0	0	0	5.86	5.86	0.00
		Average				0	0	0	2.93	2.93	0.00
10/20/20		Total			2	0	0	0	6.12	6.12	0.00
		Average				0	0	0	3.06	3.06	0.00
11/12/20		Total			3	0	0	0	35.58	35.58	0.00
		Average				0	0	0	11.86	11.86	0.00
11/19/20		Total			2	0	0	0	9.58	9.58	0.00
		Average				0	0	0	4.79	4.79	0.00
11/20/20		Total			1	0	0	0	7.87	7.87	0.00
		Average				0	0	0	7.87	7.87	0.00
12/07/20		Total			1	0	0	0	12.53	12.53	0.00
		Average				0	0	0	12.53	12.53	0.00
12/18/20		Total			1	0	0	0	12.75	12.75	0.00
		Average				0	0	0	12.75	12.75	0.00
12/22/20		Total			1	0	0	0	14.86	14.86	0.00
		Average				0	0	0	14.86	14.86	0.00
02/09/21		Total			1	0	0	0	20.18	20.18	0.00
		Average				0	0	0	20.18	20.18	0.00
02/10/21		Total			1	0	0	0	19.54	19.54	0.00
		Average				0	0	0	19.54	19.54	0.00
02/12/21		Total			3	0	0	0	14.49	14.49	0.00
		Average				0	0	0	4.83	4.83	0.00

Date 09/27/23  
Time 11:14:33

DeSoto Parish Police Jury, LA

Page 2

### Material Analysis Report by Date

Inbound and outbound materials for the period 01/01/2019 - 09/27/2023

Summary Report for Sites: 1, 2  
Accounts 77 - 77 Customer Types - Z ZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Rickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
02/23/21		Total			2	0	0	0	18.98	18.98	0.00
		Average				0	0	0	9.49	9.49	0.00
02/24/21		Total			1	0	0	0	11.55	11.55	0.00
		Average				0	0	0	11.55	11.55	0.00
03/01/21		Total			1	0	0	0	13.82	13.82	0.00
		Average				0	0	0	13.82	13.82	0.00
03/02/21		Total			1	0	0	0	8.42	8.42	0.00
		Average				0	0	0	8.42	8.42	0.00
03/03/21		Total			1	0	0	0	15.65	15.65	0.00
		Average				0	0	0	15.65	15.65	0.00
04/26/21		Total			1	0	0	0	9.40	9.40	0.00
		Average				0	0	0	9.40	9.40	0.00
04/27/21		Total			1	0	0	0	10.00	10.00	0.00
		Average				0	0	0	10.00	10.00	0.00
04/28/21		Total			1	0	0	0	17.58	17.58	0.00
		Average				0	0	0	17.58	17.58	0.00
04/30/21		Total			1	0	0	0	10.49	10.49	0.00
		Average				0	0	0	10.49	10.49	0.00
05/03/21		Total			1	0	0	0	11.74	11.74	0.00
		Average				0	0	0	11.74	11.74	0.00
07/12/21		Total			1	0	0	0	5.15	5.15	0.00
		Average				0	0	0	5.15	5.15	0.00
07/13/21		Total			1	0	0	0	6.23	6.23	0.00
		Average				0	0	0	6.23	6.23	0.00
07/14/21		Total			1	0	0	0	7.56	7.56	0.00
		Average				0	0	0	7.56	7.56	0.00
07/15/21		Total			1	0	0	0	7.47	7.47	0.00
		Average				0	0	0	7.47	7.47	0.00

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### Material Analysis Report by Date

Inbound and outbound materials for the period 01/01/2019 - 09/27/2023

Summary Report for Sites: 1, 2  
Accounts 77 - 77 Customer Types - Z ZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
07/16/21		Average				0	0	0	7.47	7.47	0.00
		Total			1	0	0	0	5.86	5.86	0.00
		Average				0	0	0	5.86	5.86	0.00
09/02/21		Total			1	0	0	0	8.78	8.78	0.00
		Average				0	0	0	8.78	8.78	0.00
09/03/21		Total			1	0	0	0	9.02	9.02	0.00
		Average				0	0	0	9.02	9.02	0.00
10/08/21		Total			1	0	0	0	3.44	3.44	0.00
		Average				0	0	0	3.44	3.44	0.00
11/01/21		Total			1	0	0	0	7.42	7.42	0.00
		Average				0	0	0	7.42	7.42	0.00
11/02/21		Total			2	0	0	0	9.71	9.71	0.00
		Average				0	0	0	4.86	4.86	0.00
11/30/21		Total			3	0	0	0	6.64	6.64	0.00
		Average				0	0	0	2.21	2.21	0.00
12/02/21		Total			1	0	0	0	12.83	12.83	0.00
		Average				0	0	0	12.83	12.83	0.00
12/06/21		Total			1	0	0	0	9.17	9.17	0.00
		Average				0	0	0	9.17	9.17	0.00
12/07/21		Total			1	0	0	0	9.29	9.29	0.00
		Average				0	0	0	9.29	9.29	0.00
12/08/21		Total			1	0	0	0	13.40	13.40	0.00
		Average				0	0	0	13.40	13.40	0.00
12/10/21		Total			1	0	0	0	13.36	13.36	0.00
		Average				0	0	0	13.36	13.36	0.00
12/13/21		Total			1	0	0	0	12.85	12.85	0.00
		Average				0	0	0	12.85	12.85	0.00

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### Material Analysis Report by Date

Inbound and outbound materials for the period 01/01/2019 - 09/27/2023

Summary Report for Sites: 1, 2  
Accounts 77 - 77 Customer Types - Z ZZZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
12/16/21		Total			1	0	0	0	12.98	12.98	0.00
		Average				0	0	0	12.98	12.98	0.00
04/22/22		Total			2	0	0	0	10.34	10.34	0.00
		Average				0	0	0	5.17	5.17	0.00
05/12/22		Total			1	0	0	0	0.00	0.00	0.00
		Average				0	0	0	0.00	0.00	0.00
05/13/22		Total			1	0	0	0	12.37	12.37	0.00
		Average				0	0	0	12.37	12.37	0.00
05/16/22		Total			1	0	0	0	11.92	11.92	0.00
		Average				0	0	0	11.92	11.92	0.00
05/17/22		Total			1	0	0	0	11.77	11.77	0.00
		Average				0	0	0	11.77	11.77	0.00
05/18/22		Total			2	0	0	0	28.82	28.82	0.00
		Average				0	0	0	14.41	14.41	0.00
05/26/22		Total			1	0	0	0	4.90	4.90	0.00
		Average				0	0	0	4.90	4.90	0.00
06/27/22		Total			2	0	0	0	19.97	19.97	0.00
		Average				0	0	0	9.99	9.99	0.00
06/28/22		Total			1	0	0	0	18.01	18.01	0.00
		Average				0	0	0	18.01	18.01	0.00
08/03/22		Total			1	0	0	0	7.78	7.78	0.00
		Average				0	0	0	7.78	7.78	0.00
09/16/22		Total			1	0	0	0	10.73	10.73	0.00
		Average				0	0	0	10.73	10.73	0.00
09/19/22		Total			1	0	0	0	9.74	9.74	0.00
		Average				0	0	0	9.74	9.74	0.00
09/20/22		Total			1	0	0	0	11.52	11.52	0.00
		Average				0	0	0	11.52	11.52	0.00

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**Material Analysis Report by Date**

Inbound and outbound materials for the period 01/01/2019 - 09/27/2023

Summary Report for Sites: 1, 2  
Accounts 77 - 77 Customer Types - Z Materials - ZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
09/21/22		Total			1	0	0	0	20.78	20.78	0.00
		Average				0	0	0	20.78	20.78	0.00
09/22/22		Total			1	0	0	0	20.01	20.01	0.00
		Average				0	0	0	20.01	20.01	0.00
09/28/22		Total			1	0	0	0	10.19	10.19	0.00
		Average				0	0	0	10.19	10.19	0.00
09/30/22		Total			1	0	0	0	21.22	21.22	0.00
		Average				0	0	0	21.22	21.22	0.00
10/17/22		Total			1	0	0	0	13.30	13.30	0.00
		Average				0	0	0	13.30	13.30	0.00
10/18/22		Total			1	0	0	0	10.60	10.60	0.00
		Average				0	0	0	10.60	10.60	0.00
11/08/22		Total			1	0	0	0	8.87	8.87	0.00
		Average				0	0	0	8.87	8.87	0.00
11/28/22		Total			1	0	0	0	9.63	9.63	0.00
		Average				0	0	0	9.63	9.63	0.00
11/29/22		Total			1	0	0	0	14.20	14.20	0.00
		Average				0	0	0	14.20	14.20	0.00
01/25/23		Total			2	0	0	0	21.49	21.49	0.00
		Average				0	0	0	10.75	10.75	0.00
01/26/23		Total			1	0	0	0	13.23	13.23	0.00
		Average				0	0	0	13.23	13.23	0.00
01/27/23		Total			1	0	0	0	14.31	14.31	0.00
		Average				0	0	0	14.31	14.31	0.00
02/08/23		Total			1	0	0	0	13.78	13.78	0.00
		Average				0	0	0	13.78	13.78	0.00
02/09/23		Total			1	0	0	0	16.50	16.50	0.00
		Average				0	0	0	16.50	16.50	0.00

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### Material Analysis Report by Date

Inbound and outbound materials for the period 01/01/2019 - 09/27/2023

Summary Report for Sites: 1, 2  
 Accounts 77 - 77 Customer Types - Z Materials - ZZZZZZZZZZ Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
05/17/23		Average				0	0	0	16.50	16.50	0.00
		Total				1	0	0	10.49	10.49	0.00
		Average				0	0	0	10.49	10.49	0.00
		Report Total				90	0	0	853.10	853.10	0.00
		Report Average				0	0	0	9.48	9.48	0.00





## Desoto Iron & Metal

165 Radio Station Rd, Mansfield, LA 71052 \* Office (318) 510-0672 / (318) 349-7845

[Desotoironmetal@gmail.com](mailto:Desotoironmetal@gmail.com)

Scrap Recovered from Desoto Parish Police Jury (Mundy Landfill):

The average scale price from 8/21/2020 to 5/17/2023 was \$2.91/100 LBS (\$58.20/ton).

The average cost of trucking and handling of material was \$2.50/100 lbs (\$50.00/ton).

829.97 tons recovered at a cost of \$8.20/ton is \$6,805.75 less \$2,200 (check already received) leaves a balance of \$4,605.75

WC Robbins

W C ROBBINS, LLC  
558 TURNER ROBBINS RD  
MANSFIELD, LA 71052

3360

84-316/1111

Date 6/8/23

CHECK #

PAY to the order of

DeSoto Parish Police Jury  
Two thousand, two hundred, ten & <sup>no</sup>/<sub>100</sub>

\$ 220<sup>00</sup>

Dollars

WILLIAM CODY ROBBINS

Photo Safe Deposits



FOR 2020 landfill scrap

⑈003360⑈ ⑆111103168⑆ 1301551⑈