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RCRA permit information session

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March 11, 2021

2019 property taxes

\$47.56 million

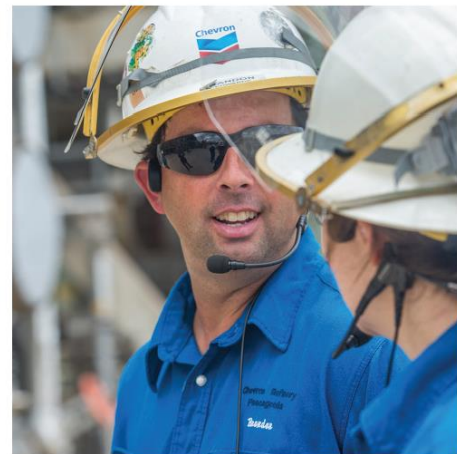
Jackson county

\$20.8 million

pascagoula-gautier school district

\$26.76 million

chevron pascagoula refinery 2020 snapshot



number of employees

1,598

approximate number of contractors

1,714

annual payroll 2019

\$537.6 million

includes contractors not working on capital projects

employee volunteer hours

over 8,000

direct local economic impact

\$835.7 million

local spend on goods & services

\$298.1 million

spent with local vendors

crude oil processing capacity daily

350,000

gallons of process water used daily

12.1 million

kilowatt-hour power usage monthly

137.5 million

refinery products

gasoline	38%	diesel	20%
jet fuel	21%	other	16%
base oil	4%	chemicals	2%

gallons of gasoline produced daily

6.6 million



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Chevron in the community



What is RCRA?

The **Resource Conservation and Recovery Act (RCRA)** is a public law that creates the framework for the proper management of hazardous and non-hazardous solid waste.

A RCRA permit:

- Establishes the waste management activities at a facility
- Outlines facility design and operation
- Lays out safety standards
- Describes facility performance activities (e.g., monitoring and reporting)



Objective of this RCRA permit renewal

This permit represents the renewal of Chevron's RCRA post-closure permit for the North Landfarm.

Chevron currently has no permitted operating hazardous waste management units at their refinery in Pascagoula.

Chevron previously operated two land treatment units known as the East Landfarm and the North Landfarm. Both units were certified closed with waste in place in 1992. The East Landfarm unit is now being regulated under the Environmental Protection Agency's Hazardous and Solid Waste Amendments (HSWA) Permit; therefore, post-closure care is required only for the North Landfarm unit.

Elements of this RCRA Permit include:

- Chevron will conduct annual compliance monitoring of the groundwater at North Landfarm,
- Chevron will complete annual and post-storm inspections of the cap,
- Chevron will maintain institutional controls at the site including restricted access.



RCRA unit locations



The North Landfarm is the only RCRA permitted unit.

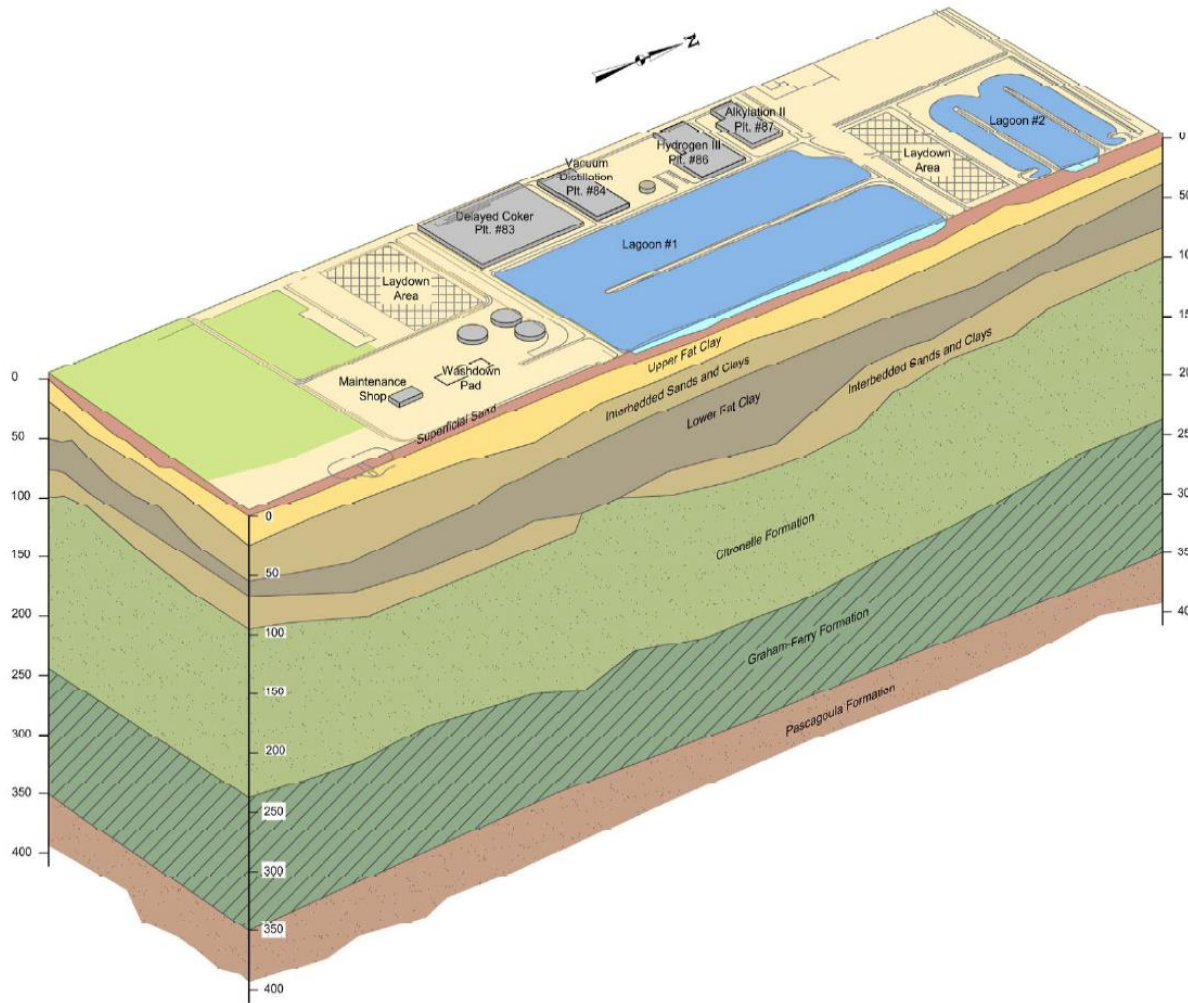


Permitted Units – North Landfarm

- Closed waste storage area located in the northern portion of the Refinery
- Received Refinery's waste materials from 1976-1988
- Closed in 1992 by capping with 2-feet of re-compacted clay
- Currently under post-closure care including groundwater monitoring



Environmental Setting – Site Geology



Geology at the Pascagoula Refinery is defined by four units.

Upper Sand Unit

Ground to ~15-feet below grade;
Loose silty to clayey sand

Upper Clay Layer

Typical depth of 15-30 feet below
ground surface; Low permeability,
marine gumbo clay

Lower Sand Unit

Interbedded sands and clays
beneath the Upper Clay (~15 feet
thick); Upward hydraulic pressures

Lower Clay Layer

Underlying Lower Sand unit (~50
feet thick); Low permeability,
marine gumbo clay



Groundwater Monitoring

- Conducted in accordance with EPA methods and procedures.
- Objectives:
 1. to determine presence of constituents in the groundwater; and, if detected,
 2. to evaluate the extent of these constituents, the rate of migration, and direction of flow.
- After receiving all validated analytical data, conduct statistical analysis on the data.
- Results at North Landfarm: groundwater is not impacted.



Questions/Discussion & Feedback



questions or concerns?

contact us 24/7

(228) 938-4600

