

FPN: E15445
INCIDENT NAME: Greenville Truck
LOCATION: Greenville, Washington County, Mississippi
USCG DISTRICT: 8
OSC: Chuck Berry, EPA

1. Provide the time and date of oil or hazardous substance discharge, and the time and date of discovery that the discharge was reaching or threatening a waterway.	
1430 hours EDST on August 17, 2015. The accident was reported immediately to emergency personnel. The NRC report was filed by MS DEQ at 1546 EDST based on first responder information.	
2. The time and date of the response to the discharge by EPA, START, and the RP if applicable. Provide the name(s) of any contractor(s) employed.	
The RP physically arrived at the site within an hour of the accident. MDEQ mobilized at approximately 1500 hours. EPA mobilized at approximately 1600 EDST. After arriving on-scene, the RP was involved in an altercation with the first responders, resulting his departure from the site. Based on the lack of RP involvement, MDEQ initiated a response which EPA agreed to fund under a PRFA. USES was hired by MDEQ. Upon the RP's return to the site, the RP agreed to cover all response costs and the PRFA was cancelled.	
3. The type of discharge (oil or hazardous substances), the type of oil or the chemical name and formula, the total amount of discharge in gallons, barrels, pounds, or kilograms; and the total number of days of discharge. If the solution discharged was a mixture, please give the percentages of substances in the mixture or solution.	
Type of Discharge:	Oil
Type of Oil/Haz Substance:	Biodiesel B99
Amount Discharged:	3,200 gallons
Days of discharge:	1
Composition %:	Pure product
Additional Information:	
4. The location of the discharge including street address, city, county, and state.	
Intersection of Highway 82 and Lillie Drive, southwest of downtown Greenville, Washington County, MS.	
5. The description of the facility or vessel from which the material was discharged (i.e. pipeline, tank, well, ship, container, etc.).	
A tanker truck owned by Jones Liquid Transport.	

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6. The total storage capacity (gallons, barrels, pounds, kilograms, etc.) of the facility or vessel responsible for the discharge.		
6400 gallons		
7. Did the oil or hazardous substances discharge into water?		Yes <input checked="" type="checkbox"/>
No <input type="checkbox"/>		
a) Please indicate the location, in relation to the facility or vessel responsible for the discharge, of the first water reached.		
The water flowed south down a drainage ditch and into a low-lying slough, headwaters for Steele Bayou.		
b) If not already in water, what is the distance between the source of discharge and the nearest water body?		
250 feet		
c) Give the quantity of oil or hazardous substances reaching the water.		
1000 gallons		
d) Give the quantity of oil or hazardous substances that did not reach the water.		
2200 gallons		
e) Describe the type of waterway affected (i.e. mudflat, sandflat, wetland, ditch, creek, bayou, tributary, stream, river, lake, etc.). Give the name of the waterway and bodies of water to which it connects.		
A slough, headwaters of Steele Bayou, which flows into the Yazoo River, which flows to the Mississippi River, which flows to the Gulf of Mexico.		
f) Provide a physical description of the receiving waters, including depth, width, and flow rate.		
The slough is about 0.25 acres and had about 1--2 feet of water in places. The pond is full of biota: frogs, crawfish, tadpoles, small minnows, carp, and several large grinnel, or bowfin fish, a least one of which was almost 3 feet long. The flow rate is minimal without rainfall, and the outfall was already blocked by an earthen dam when EPA arrived on site.		
g) Indicate if any of the water bodies or connecting water bodies, as described above, are used for commerce, recreation, agriculture, etc.		

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All of the above bodies are used for recreation, and the Yazoo and Mississippi Rivers are used for commerce.

h) List any sensitive environments (i.e. wetlands), endangered species, water wells and/or drinking water intakes impacted or potentially impacted by the discharge.

There are no surface water intakes in the immediate area of the spill. The spill impacted a wetland area.

8. Document how this spill violated the Clean Water Act.

Oil entered Steele Bayou, a navigable water of the United States as defined by the Clean Water Act and the Oil Pollution Act.

9. Describe in detail what actually caused the discharge.

The driver of the truck attempted to make a U-turn on Highway 82, going from south to north. He overshot the turn, entered the roadside ditch, flipping the vehicle on its side.

10. Describe the damage to public health and the environment as a result of the spill. How many feet, miles, etc., of land and water were affected by the discharge? Was there observed damage to the terrestrial and aquatic biota and vegetation? Were any drinking water intakes forced to close? Were any persons required to evacuate? If yes, describe the damage.

Approximately 250 feet of drainage ditch was soaked in oil, with about 30 feet excavated. The slough could not be mechanically excavated without extreme impact, so pumping and natural attenuation was selected. Oil covered the entire slough, with biodiesel soaking into the leaf litter. Although the water was removed, biodiesel remained and continued to foul the area after the water level rose. Responders attempted to mobilize the oil using large amounts of water, but the volume needed to refloat the oil was too substantial to transport on site. Oil will continue to impact the slough until the biodiesel breaks down, which may take months. Until it dissipates, biota will continue to be exposed to the oil. Biodiesel emulsifies readily, increasing the exposure to animals breathing the water.

11. Describe the procedures taken to clean up the discharge and to mitigate the environmental damage and public health threats. Include dates and times for the individual procedures.

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Starting at 1400 hours 8/17/15 CDST, the Greenville Fire Department put sand in the drainage ditch to block the migration. At about 1600 hours, USES used soil up to block the outfall from the slough. Ending at about 2300 hours, USES emptied the remaining 3200 gallons of fuel from the tank. On 8/18/15 USES pumped/skimmed oil from the slough and removed oil-impacted soil from the drainage ditch. Due to buried utilities running next to the ditch, only a surface scrape was performed, no more than 3 inches, in areas more than 24 inches from the lines. On 8/19, the slough recharged overnight, refloating oil trapped in the debris. USES pumped the water out again and attempted to manually remove the leaf litter. But after a few hours, the intense labor and effort proved fruitless as the recharge rate was too great to work in. Workers were only succeeding in pressing the oil deeper into the mud. Unified Command decided to attempt to flush as much oil out of the slough down to the dam. However, after 11,000 gallons of water were added to the slough, it only managed to rise by a couple of inches without producing any net oil movement. UC then decided to switch the containment dam to an underflow dam and allow natural attenuation to treat the area.

12. List the federal and state agencies contacted by the owner or operator at the time of the discharge. Also include the agency's location (mailing address, city, county and state), the date and time of notification, and the name of the official contacted.

The owner/operator did not contact any government officials to report the spill. The spill was reported to MS DEQ by the local first responders. MS DEQ reported the spill to the NRC.

13. State whether an SPCC inspection was conducted and describe any findings.

NA. Not a fixed facility with storage tanks.

14. Document the spill history of the facility and list the discharges which have occurred at this facility within the past five years using the following table.

DATE	AMT DISCHARGED	AMT IN WATER	SOURCE & CAUSE

15. Provide the name, title, home address, and home/work telephone number(s) of the owner(s) of the vessel or facility responsible for the discharge.

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	<u>Owner:</u> Kenneth Jones Jones Liquid Transport 4382 US Highway 61 Merigold, MS 38759 (662) 721-0211	<u>Insurance:</u> Energi Insurance 10 Centennial Drive Suite 201 Peabody, MA 01960 ATTN Timothy Butler 978-531-1822, ext. 7738
16. Provide the name, title, home address, and home/work telephone number(s) of the operator(s) of the vessel or facility responsible for the discharge if different from the owner, and the relationship between the owner and operator (i.e. employee, contractor, subcontractor, lessee, etc.)		
17. Provide the names, titles, home addresses, and home/work telephone numbers of the persons who have knowledge of the facts concerning the spill as an attachment to the report labeled "Table of Witnesses". Include EPA, State, and local officials, START/Strike Team members, other Federal agencies, the company, and the cleanup contractor in the table.		
	See Attached	
18. Does the owner or operator have a National Pollutant Discharge Elimination System (NPDES) permit or any other discharge permit provided by the local, state, or federal government? If yes, name and describe the permit.		
	No.	
19. Has the facility ever been assessed a fine for this incident or any other discharge by any other government entity (i.e. city, county, state, federal)? If yes, name the agency or agencies that have assessed a fine(s) on the facility or vessel, and the date(s) when the fine(s) was assessed.		
	No.	
20. Include the Federal Project Number on the title (cover) sheet of the incident summary report.		

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NAME	TITLE	AGENCY	ADDRESS	PHONE	EMAIL
Charles Berry	OSC	EPA	61 Forsyth Street Atlanta, GA 30303	404-562-8278	Berry.chuck@epa.gov
Ernie Shirley	State OSC	MS DEQ	515 E. Amite Street Jackson, MS 39201	601-946-9474	Ernie_Shirley@deq.state.ms.us
Ken Jones	Owner	Jones Liquid Transport	4382 US Highway 61 Merigold, MS 38759	(662) 721-0211	pappyjones@hotmail.com
Timothy Butler	Adjuster	Energi Insurance	10 Centennial Drive Suite 201 Peabody, MA 01960	978-531-1822, ext. 7738	tbutler@energi.com
Kenneth Hays	Operations Manager	USES	1075 Mendell Davis Drive Jackson, MS 39272	601-372-3232	Kenneth Hays <pojo@usesgroup.com>