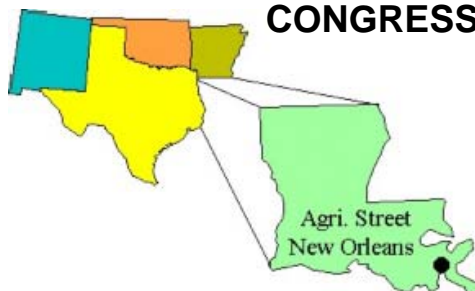


**AGRICULTURE STREET LANDFILL
REGION 6
Orleans Parish
Louisiana**

EPA

CONGRESSIONAL DISTRICT 02

EPA ID# LAD981056997
Site ID: 0600646



Contact: Ursula Lennox
214-665-6743

Updated: November 2009

Current Status

- EPA met with representatives for the city of New Orleans and HANO on March 19, 2009, to discuss and view institutional controls that are being implemented by the city at the site, and future land uses envisioned by HANO. During the visit it was observed that the vegetation on OU1 was mowed. EPA will continue to work with its stakeholders to ensure that the ICs are fully implemented.
- EPA in coordination with LDEQ inspected the site (September 25 and 29th, 2008 respectively) to ensure the integrity of the remedy was not impacted by Hurricanes Gustav and Ike. No damage was observed.
- On August 5, 2008 the court entered the consent decree with the City of New Orleans (CERCLA) matter (E.D. La. 02-cv-3618). The decree protects the remedy and thereby, the public health, welfare, and the environment at the site by implementing the work and institutional controls described in the decree.

- EPA has completed the second 5-Year Review and its findings confirm the remedy is protective of human health and the environment. The report is available at EPA's web site at: www.epa.gov/earth1r6/6sf and the following information repository:

Louisiana Department of Environmental Quality
Public Records
Galvez Building, Room 127
602 N. Fifth Street
Baton Rouge, LA 70802
8:00 AM to 4:30 PM, Monday-Friday.
(225) 219-3172 or e-mail publicrecords@la.gov

- To ensure the integrity of the cap is maintained, the Technical Abstract provided to residents, utility companies and stakeholders at the completion of the response action is available on EPA's web page. This abstract provides the protocol that should be followed when excavating in the area. For additional information, please visit: http://www.epa.gov/region6/6sf/pdf/ag_street_tech_abstract_mar08.pdf
- The Findings of the Agency for Toxic Substances and Disease Registry's (ATSDR) "Health Consultation" (Post Hurricane Katrina) can be accessed through the Louisiana State Health's Department web page: <http://www.dhh.louisiana.gov/offices/publications.asp?ID=205&Detail=1356>

- The Louisiana Department of Environmental Quality continues to perform bi-annual inspections of the site to ensure the integrity of the permeable cap is maintained and is intact. An inspection was performed on April 28, 2009.
- The comment period for the Notice of Intent to Delete the site from the National Priorities List concluded on October 25, 2004. Once EPA determines the ICs are functioning properly and are fully incorporated into the city's plans, EPA will pursue the final stage to delete the site from the NPL. The target time frame to complete this activity is January 2011.
- The Moton Elementary School - Operable Unit 4 and Groundwater - Operable Unit 5 were deleted from the Site NPL listing June 15, 2000.

Benefits

- The excavation and replacement of contaminated soils and the capping of the undeveloped area eliminated human exposures and protect the health of over 1000 people living on the site. The cleanup addressed 179 Housing Authority of New Orleans (HANO) town homes, 128 Gordon Plaza apartments, 7 retail businesses, and 58 out of 67 single-family homes located in the Gordon Plaza subdivision. The entire undeveloped property was cleared, grubbed, graded, lined, and covered with 1 foot of fill. A total of 69,031 tons of soil and debris was excavated and collected at the site, and a total of 195,945 cubic yards of backfill was utilized on site. Nine private homeowners in the Gordon Plaza subdivision elected not to participate in the cleanup of their properties.

National Priorities Listing (NPL) History

Site Hazard Ranking System Score: 50.00

Proposed Date: 8/23/94

Final Date: 12/16/94

Site Description

Location: The site is located in New Orleans, Orleans Parish, Louisiana. It is approximately three miles south of Lake Ponchartrain and 2.5 to 3.0 miles north-northeast of the Vieux Carre and the Central Business District. The approximate geographic coordinates for the center of the site are 29°59'20" north latitude and 90°02'31" west longitude. The site is bounded on the north by Higgins Road and on the east from Clouet Street (to the south) to Montegut Street (to the north). On the south and west, the site runs along the Southern Railroad right-of-way. The Peoples Avenue and Florida Avenue canals are located west and south of the site, respectively.

Population: 390 residential units housing about 1,000 people.

Setting: A 95 acre former City disposal area that has been partially redeveloped. Forty-seven (47) acres of the site have private and public housing; the Press Park Community Center; a recreation center; retail businesses; and the Moton Elementary School. The community is predominately African-American. The remainder of the site is undeveloped and covered by dense vegetation.

Hydrology: The Peoples Avenue canal is to the west and the Florida Avenue canal is to the south. Both receive storm water run-off from the site. Canal water is pumped into Industrial Canal which discharges into Lake Ponchartrain. A shallow aquifer (that is not a drinking water source) that underlies the site is encountered between 2 and 9 feet below land surface.

Wastes and Volumes

- The disposal area accepted municipal garbage, construction debris, incinerator and open burning ash. This type of material ranges in depth from 2 to more than 32.5 feet beneath the 95-acre site.
- The primary contaminants of concern were lead, arsenic, and carcinogenic polynuclear aromatic hydrocarbons (cPAHs).

Health Considerations:

- MOTON SCHOOL: No health or environmental problems detected; the school was built on top of 3 to 5 feet of clean fill.
- SHALLOW GROUND WATER: Contaminated with elevated levels of metals. However, this aquifer is not used by humans and does not impact surface water.
- RESIDENTIAL AREAS - SOILS:
 - * **Surface Contamination (prior to the implementation of the 1997 Action Memorandum)** - Marginal human health risk:
 - 1.3×10^{-4} lifetime cancer risk (all contaminants of concern);
 - 6.1% children with projected risk (Lead (Pb) concentrations 500 to 1,000 parts per million (ppm)).
 - * **Future Surface Contamination** - If landfill materials below the top foot of soils were exposed due to human activity, health risks would increase to:
 - 5.0×10^{-4} lifetime cancer risk (all contaminants of concern);
 - 63.8% children with projected risk (Pb concentrations 1,000 to 4,000 ppm).
- UNDEVELOPED PROPERTY SOILS:
 - * **Surface Contamination** - Prior to the cleanup, contamination levels on the undeveloped property (OU1) ranged from 37.2 to 28,300 ppm lead. The site was covered with dense vegetation and surrounded with an 8-foot fence.
 - * **Future Surface Contamination** - City zoned tracts "commercial."

Record of Decision

Operable Units 4 & 5: ROD signed 9/2/97
Operable Units 1-3: Action Memorandum signed 9/2/97
Operable Units 1-3: ROD signed 4/4/02

The **1997 Record of Decision for Moton Elementary School (OU4) and Groundwater (OU5)** required no further action because there was no risk to human health. The school was built on a three-foot layer of cleanup fill, which addressed all risks posed by this portion of the site. The groundwater was not used for any beneficial purpose and was not a source of drinking water.

The **1997 Action Memorandum response actions for the undeveloped property (OU1), residential properties (OU2), and the Shirley Jefferson Community Center (OU3)** eliminated human risk with capping and soil excavation and replacement. The 48-acre undeveloped property, was cleared of vegetation, capped with 12 inches of soil, graded, and compacted. A layer of geotextile filter fabric was placed on the subgrade to create a physical barrier between clean cover soils and contaminated subsoil. The top 24 inches of existing soil/waste material on the residential properties and community center were excavated and transported off-site for disposal. Permeable geotextile filter fabric was placed on the subgrade and covered with clean fill.

The **2002 Record of Decision for on OU1-3** required no further action as the cleanup under the 1997 Action Memo addressed all contamination.

The site is inspected at least once every five years.

Site Contacts

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LDEQ State Contact:	Edwin Akujobi	225-219-3218