

## FACT SHEET

### LANXESS to Perform Remediation Work with LDEQ Oversight Former Spedale Landfill Site near Gonzales, Ascension Parish, Louisiana

LANXESS is set to begin final remediation of the former Spedale Landfill Site near Gonzales, Ascension Parish, Louisiana. The unused Site is located on Louisiana Highway 429 (also known as Weber City Road) and is situated between the Weber City Road and New River Canal, slightly less than one mile from the town of St. Amant. The goal of the remediation work is to clean the Site to residential standards that are dictated by the LDEQ Risk Evaluation/Corrective Action Program (RECAP).

#### Site History

In the 1950s, portions of the Site were used as a soil borrow area for the construction of Weber City Road. From the 1950s through the late 1960s, the borrow area was used as a landfill for municipal wastes from Gonzales, Louisiana. During the mid-1960s, industrial wastes from the former Uniroyal Chemical Company (Uniroyal) were burned at the Site in a discrete/separate burn pit located west of the borrow pond. The Uniroyal wastes consisted of toluene tars, a residue from rubber manufacturing. The landfill was closed in the late 1960s.

#### Agency Involvement and Oversight

In 2000, LDEQ requested additional testing of the Site. In August 2001, LDEQ and Chemtura (formerly Uniroyal, the original operator of the Site during the disposals in the 1950-60s) entered into a Cooperative Agreement to further investigate and remediate the Site. Through 2008, additional investigations were performed. On August 1, 2012, the LDEQ approved the corrective action in the Final Decision Document. In 2017, LANXESS assumed responsibility for this Site and the remediation project through its acquisition of Chemtura. Since the approval of the Final Decision Document, Chemtura (now LANXESS) has been working on a clean-up plan for the Site by way of Remedial Design and Remedial Project Plan.

#### Anticipated Work Schedule

Site preparation and remediation work is anticipated to begin October 2020 and will likely continue through April 2021. All activities will be done in accordance with the LDEQ RECAP standards that are protective of human health and the environment. Remedial work plans will be reviewed and approved by LDEQ prior to the start of any remediation activities.

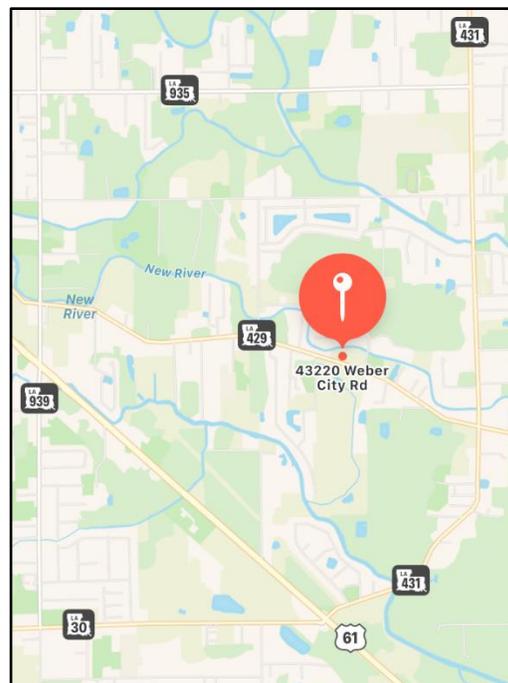
#### Community Outreach

LANXESS considers maintaining communication with residents and the local community a high priority. Attached is a list of frequently asked questions to help you better understand the remediation work, the potential impacts caused by the work, and the preventative measures that will be implemented to reduce those potential impacts. In addition, a website has been developed and made public to provide up-to-date work progress, contact information, and key project-related documents. The website can be accessed at <http://lanxess.us/corporate-responsibility/louisiana-remediation/> Hard copies of documents can also be viewed using LDEQ's Electronic Document Management System (EDMS) for AI No. 4791.

For more information, please contact:

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Site location at approximately 43220 Weber City Road or Highway 429.

## Frequently Asked Questions Former Spedale Landfill Site near Gonzales, Ascension Parish, Louisiana

These FAQs have been developed to help our neighbors and the community better understand the upcoming remediation work, the potential impact it may have, and the extensive precautionary measures that are being employed to reduce those impacts. For additional information on work progress, updates, and project-related documents, please visit this website: <http://lanxess.us/corporate-responsibility/louisiana-remediation/>

**Q: Who is completing this work?**

**A:** LANXESS assumed responsibility for this Site and the remediation project through its 2017 acquisition of Chemtura (formerly Uniroyal, the original operator of the Site during the disposals in the 1950-60s). LANXESS is working alongside LDEQ, as well as a third-party contractor (GHD Services) that specializes in environmental remediation to complete the remediation activities at the Site. GHD will be on-Site for the duration of the work.

**Q: Why is this remediation work being completed?**

**A:** Some of the soil/material at the Site is impacted with chemicals (DPA, n-DPA, and toluene) that were disposed of at the Site in the 1950s and 1960s by a previous owner of the Site. The end goal is that, when finished, the Site will meet the LDEQ RECAP standards that are protective of human health and the environment for residential use. The LDEQ has approved all work plans related to the upcoming remediation work and will be involved for oversight of these activities.

**Q: What is DPA?**

**A:** DPA, or diphenylamine, is an organic compound that is a derivative of aniline. It is a colorless solid and is mainly used for its antioxidant properties. It is widely used in the development of industrial antioxidants, dyes, and fungicides for the agricultural industry.

**Q: What is n-DPA?**

**A:** N-DPA, or n-nitrosodiphenylamine, is an industrial compound that is an orange-brown or yellow solid. It is used in the development of other chemicals and in the process to make rubber products such as tires. It is not known if this chemical occurs naturally, but there is some evidence microorganisms can produce it.

**Q: What is toluene?**

**A:** Toluene is an aromatic hydrocarbon. It is a colorless, water-insoluble liquid with a strong smell. Toluene is predominantly used as an industrial feedstock and as a solvent. It is found in paint thinners, permanent markers, cement, and some glue products.

**Q: What will the remediation activities entail?**

**A:** The process is referred to as 'dig and haul,' which means the impacted soil/material will be manually excavated and hauled offsite for proper disposal. Impacted soil, and any additional waste, will be removed from the Site and disposed at commercial facilities that are permitted by LDEQ to accept these materials. Throughout the excavation process, confirmation sampling will be completed to verify that all impacted soil/material has been removed. Results will be submitted to the LDEQ. All remediation activities will be completed according to LDEQ-approved work plans.

**Q: What will the Site look like when the remediation activities are complete?**

**A:** Certified clean backfill will be used to return the excavated areas to an elevation slightly above original grade to allow for settlement. The clean backfill will be compacted and graded to restore appropriate drainage patterns. Four to six inches of topsoil will be placed over the backfilled surfaces and seeded with grass. There will be no open pits or excavations remaining after the activities are complete.

**Q: *When will these activities occur?***

**A:** The remediation activities are anticipated to begin in October 2020 and last through April 2021 – this schedule, of course, can be dependent upon weather and other unforeseen impacts. Work will be completed during daylight hours in accordance with local regulations. For work progress and updates, please visit the website <http://lanxess.us/corporate-responsibility/louisiana-remediation/>.

**Q: *I live near the Site. How will this impact me?***

**A:** Many precautions are being taken to reduce the overall impact of these activities on those in the nearby neighborhoods and surrounding areas. A large tent enclosure will be used primarily to control dust and any potential odors. The enclosure will also serve as a visual barrier and have some tertiary sound deadening impacts. The main impacts will likely be increased traffic on Weber City Road and normal construction-type noise. Due to the nature of the work, there may also be increased dust from construction traffic onsite, which will be controlled by measures such as watering the roads. Extensive air quality monitoring will be conducted along the perimeter of the Site throughout the remediation activities.

**Q: *What are you planning to do to minimize traffic disturbances?***

**A:** For the duration of the remediation activities, expanded temporary driveways and gates will be installed for Site access to accommodate trucks, trailers, and traffic flow entering and exiting the Site. A transportation plan will be utilized, which includes appropriate signage, truck staging, scheduling and truck routing to promote safety and minimize traffic disturbances. Temporary haul roads will be constructed on-Site to accommodate loading of trucks. In addition, temporary facilities for truck and trailer decontamination will be constructed to prevent soil from being tracked onto roadways.

**Q: *What will be done to reduce the spread of dust, odors, or vapors during the remediation activities?***

**A:** Due to the presence of residential properties in close proximity to the Site, air quality controls will be maintained to contain/control vapor, odors, and dust from the excavation areas. Air quality monitoring will be conducted during remediation, including daily monitoring at the property line and in the work zones. An enclosure, similar to a large tent, will be utilized on-Site to provide additional state-of-the-art air quality controls during excavation. If air monitoring indicates air quality is diminishing, work will be suspended until additional measures can be taken.

**Q: *How will storm water and erosion be handled during remediation activities?***

**A:** To manage on-Site surface water and potential storm water, a temporary water treatment system will be installed at the Site. In addition, a Storm Water Pollution Prevention Plan has been developed that describes the erosion control measures that will be in place throughout the duration of the remediation activities. Erosion control measures are used to ensure that the soil at the Site stays on-Site and will not be washed away. These measures are installed prior to excavation and soil material stockpiling.

**Q: *Where can I get more information about the upcoming work?***

**A:** For additional information, including the LDEQ-approved project work plans, the air quality monitoring plan, the sampling and analysis plan, and the traffic control plan, please visit the website <http://lanxess.us/corporate-responsibility/louisiana-remediation/> where project related documents are easily and publicly accessible. In addition, information can also be found using LDEQ's Electronic Document Management System (EDMS) for AI No. 4791.

**Q: *Who can I contact if I have more questions?***

**A:** Please feel free to reach out to the representatives from LANXESS, or their contractor GHD, with any additional questions or concerns:

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