

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

The following Frequently Asked Questions 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: [lanxess.us](http://lanxess.us) (under Corporate Responsibility).

**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. 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 [lanxess.us](http://lanxess.us) (under Corporate Responsibility).

***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 [lanxess.us](http://lanxess.us) (under Corporate Responsibility) 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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