

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 6  
DALLAS, TEXAS

AGRICULTURE STREET LANDFILL SUPERFUND SITE  
NEW ORLEANS, LOUISIANA

TECHNICAL ABSTRACT  
UTILITIES  
JULY 1998

This technical abstract will discuss some of the general issues and considerations associated with utilities in conjunction with the implementation of the remedy for the Agriculture Street Landfill Superfund site. This abstract will discuss issues such as coordination, temporary services, and the utilities impacted by implementation of the remedy, and access to utilities below the effected excavation/backfill elevation but not impacted by the remedy.

In general terms, based on the best available information to date, the following utilities will be involved to some degree with the implementation of the remedy.

<b>SERVICE</b>	<b>PROVIDER</b>
Telephone	Bell South
Water	Sewage & Water Board
Sewage	Sewage & Water Board
Cable TV	Cox Communications
Electric	Entergy
Gas	Entergy

All properties will not have all of the above mentioned utilities present. However the issues and considerations for each utility will be the same for all properties. The discussion that follows will address each utility. Utility providers will be consulted with in advance of any work.

### **TELEPHONE**

Telephone service lines that run from the telephone company service junctions to each home are underground and appear to be within the limits of excavation. The EPA/Corps of Engineers contractor will coordinate the sequencing of work with the telephone company to minimize any disruptions in service. When individual service lines are within the limits of the excavation, a temporary overhead line will be installed between the service junction and the

home. This line will be installed in accordance with established telephone company standards to ensure that telephone service quality is maintained. After the remedy has been complete, the service line will be installed within the limits of the backfill in accordance with established telephone company standards. The temporary overhead line would be removed. All activities associated with the telephone services will be coordinated with Bell South. Any future access associated with the service line will not be impacted by the remedy.

Main service line trunks are expected to be buried deeper than the two feet of planned excavation and backfill. All activities will be coordinated with the telephone company to locate and mark all service trunks to prevent damage. If there should be a need for the telephone company to excavate below the two foot excavation/backfill limits, the procedures outlined in the EXCAVATION BELOW TWO FOOT EXCAVATION/BACKFILL LIMITS section of this document should be followed.

In the event that the service trunks be within the two feet of excavation and backfill, additional coordination effort will be required during implementation of the remedy.

## **WATER**

Water service lines that run from the meter to the homes are underground and appear to be within the limits of excavation. The EPA/Corps of Engineers contractor will coordinate the sequencing of work with the Sewage and Water Board (S&WB) to minimize any disruptions in service. When individual service lines are within the limits of the excavation, a temporary line will be installed between the meter and the home. This line will be installed in accordance with established S&WB standards to ensure service quality is maintained. In areas between the water meter and the main where water lines are within the excavation, excavation and backfilling will be done by hand to prevent damage. Where a water line passes through the geotextile, a penetration will be provided through the geotextile to allow for the passage of the line through the fabric. After the remedy has been complete, the service line will be installed within the limits of the backfill. This installation of the restored underground service line will be in accordance with established S&WB standards. All activities associated with the water services will be coordinated with the S&WB. Any future access associated with the service line will not be impacted by the remedy.

Water mains are expected to be buried deeper than the two feet of planned excavation and backfill. All activities will be coordinated with the S&WB to locate and mark all water mains to prevent damage. If there should be a need for the S&WB to excavate below the two foot excavation/backfill limits, the procedures outlined in the EXCAVATION BELOW TWO FOOT EXCAVATION/BACKFILL LIMITS section of this document should be followed.

## **SEWAGE**

Sewage lines that run from the homes to the sewer mains are underground and will partially be within the limits of the excavation and backfill. The EPA/Corps of Engineers contractor will coordinate the sequencing of work with the Sewage and Water Board (S&WB) to minimize any disruptions in service. Sewage service will be maintained at all times using existing lines. Excavation and backfill around lines within the excavation/backfill will be

accomplished by hand. Sewer lines will be properly supported during excavation and backfilling activities. Where a sewer line passes through the geotextile, a penetration will be provided through the geotextile to allow for the passage of the line through the fabric. In the event a sewer line should be damaged, the EPA/Corps of Engineers contractor will have a plan in place to provide for emergency repairs.

Remaining sewer lines and mains are expected to be buried deeper than the two feet of planned excavation and backfill. All activities will be coordinated with the S&WB to locate and mark all lines to prevent damage. If there should be a need for the S&WB to excavate below the two foot excavation/backfill limits, the procedures outline in the EXCAVATION BELOW TWO FOOT EXCAVATION/BACKFILL LIMITS section of this document should be followed.

## **CABLE TELEVISION**

Cable Television (CATV) service lines that run from the CATV service junctions to each home are underground and appear to be within the limits of excavation. The EPA/Corps of Engineers contractor will coordinate the sequencing of work with the CATV company to minimize any disruptions in service. When individual service lines are within the limits of the excavation, a temporary overhead line will be installed between the service junction and the home. This line will be installed in accordance with established Cox Communications standards to ensure that CATV service quality is maintained. After the remedy has been complete, the service line will be installed within the limits of the backfill. The temporary overhead line would be removed. All activities associated with the CATV services will be coordinated with Cox Communications. Any future access associated with the service line will not be impacted by the remedy.

Main service line trunks are expected to be buried deeper than the two feet of planned excavation and backfill. All activities will be coordinated with the CATV company to locate and mark all service trunks to prevent damage. If there should be a need for the CATV company to excavate below the two foot excavation/backfill limits, the procedures outline in the EXCAVATION BELOW TWO FOOT EXCAVATION/BACKFILL LIMITS section of this document should be followed.

In the event that the service trunks be within the two feet of excavation and backfill, and additional coordinated effort will be required during implementation of the remedy.

## **ELECTRIC**

Electric service lines that run from the homes to the electrical mains are underground and will partially be within the limits of the excavation and backfill. The EPA/Corps of Engineers contractor will coordinate the sequencing of work with Entergy to minimize any disruptions in service. Electric service will be maintained at all times using existing lines. Excavation and backfill around lines within the excavation/backfill will be accomplished by hand. Electric lines will be properly supported during excavation and backfilling activities. Where a electric line passes through the geotextile, a penetration will be provided through the geotextile to allow for

the passage of the line through the fabric. In the event an electric line should be damaged, the EPA/Corps of Engineers contractor will have a plan in place to provide for emergency repairs.

Remaining electric lines and mains are expected to be buried deeper than the two feet of planned excavation and backfill. All activities will be coordinated with the Entergy to locate and mark all lines to prevent damage. If there should be a need for Entergy to excavate below the two foot excavation/backfill limits, the procedures outline in the EXCAVATION BELOW TWO FOOT EXCAVATION/BACKFILL LIMITS section of this document should be followed.

In the event that the service trunks be within the two feet of excavation and backfill, and additional coordinated effort will be required during implementation of the remedy.

## **GAS**

Gas service lines that run from the gas main to the homes are underground and appear to be within the limits of excavation. The EPA/Corps of Engineers contractor will coordinate the sequencing of work with Entergy to minimize any disruptions in service. When individual service lines are within the limits of the excavation, a temporary line may be installed between the main and the home, however every effort will be made to excavate and backfill around gas lines. Excavation and backfill around lines within the excavation/backfill will be accomplished by hand. Gas lines will be properly supported during excavation and backfilling activities. Where a gas line passes through the geotextile, a penetration will be provided through the geotextile to allow for the passage of the line through the fabric. In the event a gas line should be damaged, the EPA/Corps of Engineers contractor will have a plan in place to provide for emergency repairs meter the home.

Gas mains are expected to be buried deeper than the two feet of planned excavation and backfill. All activities will be coordinated with Entergy to located and mark all gas line to prevent damage. If there should be a need for Entergy to excavate below the two foot excavation/backfill limits, the procedures outline in the EXCAVATION BELOW TWO FOOT EXCAVATION/BACKFILL LIMITS section of this document should be followed.

## **EXCAVATION BELOW TWO FOOT EXCAVATION/BACKFILL LIMITS**

In the event that a utility company find it necessary to excavate below the limits of the remedy, the following procedures are to be followed:

- 1) The utility company shall contact the USEPA that excavation below the geotextile barrier is necessary and penetration of the geotextile will be required.
- 2) Soils excavated within the top two feet of the excavation (above the geotextile) may be set aside and used an backfill in the same area.
- 3) The geotextile is to be cut to provide access below the barrier.

4) Soil excavated from below the barrier is considered to be landfill material. Each utility company is to determine, after consulting with a Certified Industrial Hygienist, the proper personal protective equipment required to accomplish the work.

5) After completion of the work, the excavated soil (that from below the barrier) may be placed back into the excavation as backfill (to an elevation not to exceed the elevation of the adjacent geotextile barrier) or may be tested by the utility company and disposed or properly.

6) After completion of the backfill below the remedy area, the geotextile and marker is to be restored. The geotextile is to be patched by cutting a piece of new fabric so that there is an overlap of 3 feet on all sides. The fabric used as the patch shall be of the same quality and properties as the original fabric. The EPA will provide all utility companies with the manufacturer data associated with these materials.

7) The soils excavated from the top two feet shall be used as backfill above the geotextile barrier.

## **EMERGENCY REPAIRS**

The EPA and the Corps of Engineers Contractor will develop in close coordination with each individual utility company an emergency repair plan. This plan will provide for an expedited response to a disruption of service. This plan will outline procedures, communication, and repair standards necessary to ensure quality services.