The trench was full, and while no leaks were noted during operation, contaminated vegetation has been detected down slope of the trench. The methods before work began allow additional analysis for future studies.

Rembco Undertakes New Project for Hazardous Waste Containment at ORNL

“Looking hazardous waste materials in place is almost always safer and more cost effective than removing them first for treatment, and then typically costs more for the maintenance expense.” — Clay Griffin, President of Rembco Geotechnical Contractors, Inc., Knoxville, Tennessee

Calder Architectural Grout software is being used to calculate the quantities and times required to design the project. Once the quantities are known, it is possible to control the costs of the project by using the software to determine the most efficient way to produce the work.


gallons of contaminated liquid waste was then pumped to the trench, used to fill a 400-foot wide trench. The average seepage rate for this trench was approximately 4,300 gallons per day when the system was first filled. As the water level rose, seepage rates increased until the trench was full, and then the degree of seepage decreased. The actual crest level is approximately 25 feet below the ground surface, and 4 feet wide at the bottom of the trench. This trench was full, and while no leaks were noted during operation, contaminated vegetation has been detected down slope of the trench. The methods before work began allow additional analysis for future studies.

Rembco Geotechnical Contractors, Inc.

The trench was full, and while no leaks were noted during operation, contaminated vegetation has been detected down slope of the trench. The methods before work began allow additional analysis for future studies.
Rembco Undertakes New Project for Hazardous Waste Containment at ORNL

“Locking hazardous waste materials in place is almost always safer and more cost effective than removing them for treatment, and there typically is no ongoing maintenance expense.” - Clay Griffis, President of Rembco Geotechnical Contractors, Inc., Knoxville, Tennessee.

Calendrier of Upcoming Events

<table>
<thead>
<tr>
<th>Month</th>
<th>Event Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>August</td>
<td>Rembco Geotechnical Contractors, Inc. is starting field operations at Tennessee’s Oak Ridge National Laboratory (ORNL) to conduct permeation grouting over a large area of the ORNL/TOC area, south of the main area of contamination.</td>
</tr>
</tbody>
</table>

Quick Facts about Grouting During Hot Summer Months

- Most chemical grouts are temperature sensitive. Store in cool dry areas. 
- Keep in mind that rising temperatures may affect the reaction/curing times of chemically-activated gels and urethanes. It is a recommended practice that throughout the grouting process, you periodically perform a cup test to observe the reaction/curing times and dependent on the information, adjust the recipe of future batches of chemical grout.

Collar pipe installation at ORNL trench.