

Neutralization Pit Services

Whitman offers services to clean, inspect, and recharge the neutralization tanks in school laboratories. This service helps minimize liabilities related to chemical or gas exposure for students and staff while ensuring that acid waste is properly neutralized before being discharged into sanitary sewer systems and sent to publicly owned treatment facilities.

During the process of neutralizing the acid water, the limestone breaks down and eventually becomes spent. Typically, after two to three years, the limestone degrades to a point where it can no longer effectively neutralize materials. At this point, in order to maintain the integrity and safety of the neutralization tank, it should be recharged.



How Can We Help?

Whitman provides services to a range of educational institutions, from large colleges and universities to high and middle schools, including:

Cleaning of Neutralization Tanks – We remove all solids and sludge from the bottom of the lime neutralization tank and place it in drums for disposal.

Spent Lime Rock and Sludge Removal – The spent limestone is also removed for disposal. In the event that a confined space entry is required to properly remove all of the material, Whitman's confined space-trained personnel will complete the necessary OSHA-required permit before performing any work. The air within the space will also be continuously monitored.

Tank Inspection – After the limestone is removed, Whitman technicians will perform an inspection to see if cracks are present. If deficiencies are noted during the inspection, a two-step chemical epoxy product will be applied to repair potential cracks.

Installation of New Limestone – New limestone will be installed, with the amount based on the tank volume.

Whitman also conducts thorough analyses to ensure waste is disposed of properly at a licensed facility.



For more information regarding these services, please contact:

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