

Cleaning Contaminated Soil With All-Natural Green Process

Ohio Soil Recycling, LLC is a Columbus-based facility that specializes in the removal of non-hazardous contaminants from soil through the use of an all-natural bioremediation process. It is located at 2101 Integrity Drive South, Columbus, OH 43209. Its clients include real estate developers cleaning up EPA-designated brownfield sites, oil companies required to upgrade or replace gas station storage tanks, and environmental and emergency remedial response contractors who clean up spills. OSR provides the property owner with a Certificate of Acceptance and Disposal removing their liability for the contaminated soil once delivered to OSR's facility.

OSR uses a unique combination of enhanced bioremediation and mechanically induced volatilization to reduce contaminants in soil to levels below all regulatory standards. OSR's enhanced bioremediation process is based on the introduction of specifically cultured microbes, bacteria and fungi as well as white-rot fungus. Christian Elliott, owner of OSR, says that the white-rot fungus secretes enzymes which help sepa-

rate the molecular bonds of the contaminants making it easier for the microbes and bacteria to consume them.

The process is performed under controlled conditions on a soil-cement stabilized treatment pad to avoid leaching of contaminants during treatment. The only by-products of this all-natural and green process are carbon and water. The micro-organisms used in the process are naturally occurring and can be found in almost all soil.

"We are simply providing the ideal amounts of oxygen and water and increasing the amounts of contaminant consuming micro-organisms in the soil to speed up what Mother Nature would do over a much longer period of time," says Elliott. "What Mother Nature might do in hundreds or thousands of years we are helping her complete in a matter of days or months." Once the contaminated soil is returned to clean levels, OSR uses the soil on-site to fill in low-lying areas and provide a modern-day cap and cover over an adjacent former municipal landfill that was abandoned in the late 1960's.



Ohio Soil Recycling's facility is centrally located, with convenient access from local interstate highways.



2101 Integrity Drive South
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OHIO SOIL RECYCLING

Contaminated soils made safe & useful

- Ohio Soil Recycling, LLC (OSR) offers the most cost effective, safe, and environmentally sound remediation option for non-hazardous contaminated soils.
- OSR provides treatment and disposal of non-hazardous contaminated soils at central Ohio's only bioremediation facility.
- OSR's bioremediation process and facility are fully permitted by the Ohio E.P.A. as a best available technology.

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