



**Guidance Document #631**

# **Implementation of Chapter 513 [OAC Chapter 3745-513]**

## **Purpose**

This educational guideline presents frequently asked questions about implementation of Ohio Administrative Code (OAC) Chapter 3745-513 (Chapter 513), formerly known as Rule 13 (OAC Rule 3745-27-13). Chapter 513 establishes the procedure for obtaining authorization from the director to fill, grade, excavate, build, drill or mine on land where a hazardous waste or solid waste facility was operated.

## **Frequently Asked Questions**

### [Does Chapter 513 apply to an unpermitted, unlicensed solid waste or hazardous waste facility?](#)

Yes, these are referred to as 'historic' sites. However, it does not apply to sites of indiscriminate roadside dumping or littering.

### [Does Chapter 513 apply to just the limits of waste placement or area of hazardous waste treatment, storage and disposal?](#)

No. For the purposes of the chapter, Ohio EPA defined *facility* in OAC Rule 3745-513-02(F), to also include any areas within 300 horizontal feet of the limits of waste placement if the filling, grading, excavating, building, drilling or mining might impact the integrity of the waste placement or the ancillary structures associated with the monitoring and operation of the facility. Ohio EPA is concerned about hazards associated with explosive gases generated by landfills, potential stability issues of the landfill, release of contaminated leachate to surface and ground water, and potential contact with waste materials previously disposed at the facility.

Thus, if your proposed activity is either within the limits of waste placement, or within 300 feet of the limits of waste placement and it may impact the limits of waste placement, slope stability, or other ancillary structures such as the leachate collection, ground water monitoring, gas extraction systems, etc., then you are required to obtain a Chapter 513 authorization unless the proposed activity meets the exception criteria outlined in OAC Rule 3745-513-05.

### [What is routine maintenance?](#)

Ohio EPA considers routine maintenance to be any activity necessary to maintain the performance of the cap system, pollution control systems, and monitoring systems at the site. For example, mowing the grass to maintain vegetative cover, replacing a ground water monitoring well that is no longer serviceable, or placing soil on the landfill in select areas to correct settlement problems or leachate outbreaks would be considered routine maintenance.

However, activities such as installing a perimeter leachate collection system, installing an explosive gas control system, or covering the entire landfill with soil, are not considered routine maintenance and would require a Chapter 513 authorization unless the proposed activity meets the exception criteria outlined in OAC Rule 3745-513-05. These are only a few examples of the rule's application. If you believe your proposed activity may be considered routine maintenance, we recommend that you contact your district office to confirm this before initiating work activities.

### [Does Chapter 513 apply to a facility in which all waste has been removed \(for instance, a clean-closed hazardous waste facility or a solid waste facility where all waste was removed\)?](#)

No. If the facility meets the criteria established in OAC Rule 3745-513-05(A)(1)(a), then Chapter 513 does not apply.

### [Does Chapter 513 apply to a site which is in post-closure care?](#)

Yes, if the activity is not authorized through the permit, license, plan approval, judicial order or other authorization that is a final action of the director. Authorizations that are not a final action of the director (for example alterations, authorizations by rule), cannot replace the need for a Chapter 513 authorization.

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### [Does Chapter 513 apply to a site which is out of its post-closure care period?](#)

Yes. Unless the proposed activity meets the exception criteria outlined in OAC Rule 3745-513-05, a Chapter 513 authorization will be required for any activity at a solid or hazardous waste facility that has completed its post-closure care period.

### [Does Chapter 513 apply to RCRA treatment or storage facilities?](#)

It does not apply if the site has either (1) been clean-closed and no residual contamination exists on the property, or (2) been clean-closed by demonstrating successful decontamination through a human health-based risk assessment, under an unrestricted (residential) future land use scenario.

Chapter 513 may apply if the site has been clean closed to risk-based standards and residual contamination exists, and the activity does not meet the exception criteria outlined in OAC Rule 3745-513-05. Chapter 513 may also apply if a site under deed restrictions or other restricted future land use scenario where human health risk assessment was employed (for instance, an industrial scenario) and the activity meets the exception criteria outlined in OAC Rule 3745-513-05. It is recommended that you contact your local district office regarding any facility with one or more units under evaluation by the risk assessment process prior to proceeding with the proposed activity.

### [Does Chapter 513 apply to sites eligible for the Voluntary Action Program \(VAP\)?](#)

Yes, if the site accepted solid, hazardous, residual or industrial wastes, as they are defined in rule, and if activities that do not meet the exception criteria outlined in OAC Rule 3745-513-05 are proposed for the site. Participation in the VAP does not exempt or preclude a site from the requirements of Chapter 513. A Chapter 513 authorization is required prior to initiating the work. If the operations and maintenance agreement doesn't contain a Chapter 513 authorization for activities such as periodic sampling to confirm remedial progress, then Chapter 513 authorization is required each time such work is performed.

### [Does Chapter 513 apply if the facility's permit application indicated that the site will be utilized for development following the closure of the facility?](#)

Yes. Ohio EPA must have adequate information to determine that the proposed activity will not create a nuisance and is unlikely to adversely affect public safety, health or the environment. Therefore, unless the proposed activity meets the exception criteria outlined in OAC Rule 3745-513-05, authorization pursuant to Chapter 513 is required.

### [Does Chapter 513 apply to open dumps?](#)

Yes. However, it is expected that all the illegally disposed waste on the property you control will be removed and disposed at a permitted disposal facility. If not, enforcement may be taken to clean up the dump.

### [What facilities does Chapter 513 not apply to?](#)

Chapter 513 does not apply to sites which have solely accepted wastes that are excluded from the definition of solid waste. The definition of solid waste is found in OAC Rule 3745-500-02(S) and excludes the following materials: earth or material from construction, mining or demolition operations, nontoxic fly ash and bottom ash, spent nontoxic foundry sand and slag. It is important to note, however, that if a facility disposed of this material with industrial solid waste, residual solid waste or municipal solid waste, the facility is subject to Chapter 513 unless the proposed activity meets the exception criteria outlined in OAC Rule 3745-513-05.

Chapter 513 does not apply to facilities exempted from regulation as solid waste facilities. These exemptions are found in OAC Rule 3745-27-03 and include: solid wastes generated within a single-family residence and disposed on the premises, junk yards, lime sludge and sewage sludge disposal approved under ORC Chapter 6111, and sites approved under ORC Chapter 6111 where certain wastes were land applied.

Although these facilities are not required to obtain a Chapter 513 authorization prior to initiating work, they may be subject to requirements of ORC Chapter 6111. Contact a Division of Surface Water representative at your local district office to determine the type of authorization needed.

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### [If the activity is in an area with a history of dumping, but it's not certain that waste will be encountered, does Chapter 513 apply?](#)

Ohio EPA recommends the applicant take advantage of the provisions for sampling, testing, or delineating the limits of waste placement (OAC Rules 3745-513-400 to -470). If waste is encountered, the applicant can proceed with obtaining a Chapter 513 authorization prior to conducting the planned activity.

### [What happens if waste is discovered while filling, grading, excavating, building, drilling or mining on a site not known to be a solid or hazardous waste facility?](#)

Depending on the circumstances, you may be required to cease work and to obtain authorization pursuant to Chapter 513 before undertaking any additional activities. Ohio EPA may also take enforcement action. If any liquid is released from the waste, pursuant to ORC Section 3750.06 Emergency Planning, you may be required to immediately call Ohio EPA's emergency spill hotline at (800) 282-9378 (see [epa.ohio.gov/derie/](http://epa.ohio.gov/derie/)). Regarding the excavation of potentially solid or hazardous waste, you should immediately contact the appropriate Ohio EPA district office and local health department.

### [As part of authorized Chapter 513 activities, do contaminated soils have to be managed as a solid waste?](#)

Contaminated soil associated with a Chapter 513 authorization is a waste. The issue of whether contaminated soil is a waste is addressed through Ohio EPA Fact Sheet #610 *Frequently Asked Questions About the Management of Soils*. This fact sheet is available at [epa.ohio.gov/portals/34/document/guidance/gd\\_610.pdf](http://epa.ohio.gov/portals/34/document/guidance/gd_610.pdf).

### [As part of authorized Chapter 513 activities, can waste be reconsolidated or does it have to be removed and disposed at a permitted disposal facility?](#)

Illegally disposed waste should be removed and not reconsolidated. Otherwise, the waste may be reconsolidated in accordance with OAC Rule 3745-513-350(C)(1)(a). It must be placed within previously existing horizontal limits of waste placement. Waste cannot be used to backfill any excavated areas outside the limits of waste placement as per OAC Rule 3745-513-350(C)(4).

Previously existing limits are established by the cap/closure certification report. If a certification report does not exist, the previously existing limits are established by the approved limits of waste placement. However, if the facility closed without reaching the approved limits, the previously existing limits are what are in existence when the Chapter 513 authorization is requested (or notification sent).

### [My project involves multiple properties where waste was disposed. Are separate requests for each property required, or can one request be submitted to address all of them?](#)

The Division of Materials and Waste Management (DMWM) recommends submitting one Chapter 513 request showing the entire project with a discussion of proposed procedures for identification, management and closure. This saves you time by enabling you to follow the approved plan if waste is encountered rather than having to stop work while awaiting approval.

### [If a new solid waste, infectious waste or construction and demolition debris facility is to be established on an old facility, are the authorizations for the new activity enough, or is a Chapter 513 authorization also necessary?](#)

A Chapter 513 authorization is required. However, if the authorization for the activity is granted through an action of the director (for example, a permit or license, but not a registration), you have the option of either obtaining two separate actions, one for the new facility and one for the Chapter 513 activities, or addressing the Chapter 513 issues in the new facility application, thus combining the two actions into one.

## Contact

If you have questions regarding this document or would like more information, please contact the appropriate DMWM supervisor or the Central Office Authorizing Actions and Engineering Unit at (614) 644-2621.

Central District Office (614) 728-3778

Southeast District Office (740) 385-8501

Northeast District Office (330) 963-1200

Southwest District Office (937) 285-6357

Northwest District Office (419) 352-8461

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