



Division of Materials and Waste Management
Beneficial Use Individual Permit Application Form

Instructions

Ohio EPA's Beneficial Use Program issues General and Individual Permits that authorize the use of beneficial use byproducts in applications that have been determined to pose no threat to public health, safety, or the environment when managed in accordance with applicable permit conditions. An application for an Individual Permit can be submitted for consideration when a beneficial use byproduct does not meet quality standards or end-use requirements of the general permit.

The permit application must include a characterization of the material, including but not limited to a demonstration that the waste material is not a hazardous waste, a sampling and analysis plan, and analytical results. If known at the time of application, the applicant should identify the beneficial use locations. If approved, the Individual Permit will include location restrictions and best management practices for storage, management and beneficial use of the material.

Beneficial use byproducts eligible by OAC Chapter 3745-599 include: foundry sand, drinking water treatment material, sewage sludge incinerator ash, waste materials burned for energy recovery, and Lake Erie dredged material. Please note that beneficial use byproducts may be used as an ingredient in certain construction materials such as cement or asphalt concrete, with no required beneficial use authorization. Beneficial use byproducts may also be used as a fuel or ingredient in a combustion unit, with no required beneficial use authorization. For materials not included in OAC Chapter 3745-599, please see the Integrated Alternative Waste Management Plans (IAWMP) or Land Application Management Plan (LAMP) programs to seek authorization. Common waste materials authorized by a LAMP permit include cast gypsum, flue gas desulfurization (FGD) gypsum, cement kiln dust (CKD), blasting sand, and paper pulp sludge. Common waste materials authorized by a LAMP permit include cast gypsum, flue gas desulfurization (FGD) gypsum, cement kiln dust (CKD), blasting sand, and paper pulp sludge. For beneficial use of biosolids, please contact Ohio EPA's Division of Surface Water.

The application form is organized by tabs. When completing each tab, please type all information requested on the form and mark (✓) for all plans, reports, and other documents listed in the instructions. When preparing a complete application, please print each individual tab and insert all related attachments. Each tab serves as a divider between sections.

The completed Individual Permit application may be submitted via the Division of Materials and Waste Management's dropbox at https://fileshare.epa.ohio.gov/filedrop/co_dmwm_submittals.

The fee to apply for an Individual Permit is \$350.

It may be necessary to obtain and comply with any authorizations required by ORC Chapters 6111 and 3704, including but not limited to a permit for the control of fugitive dust and other air emissions or National Pollutant Discharge Elimination System (NPDES) permit for the control of stormwater and the discharge of wastewater, for the control of stormwater run-on and run-off, and protect waters of the state.



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Ohio EPA Use Only

Secondary ID:

Tab 1 – Applicant Information

Applicant Name:	
Mailing Address:	County:
Contact Person:	Title:
Phone Number:	Email Address:

Certification

The applicant signing this application form shall be one of the following:

1. In the case of a corporation, a principal executive officer of at least the level of vice president or a duly authorized representative, if such representative is responsible for the overall operation of the facility.
2. In the case of a partnership, a general partner.
3. In the case of a limited liability company, a manager, member, or other duly authorized representative of the limited liability company, if such representative is responsible for the overall operation of the facility.
4. In the case of sole proprietorship, the owner.
5. In the case of a municipal, state, federal, or other government facility, the principal executive officer, the ranking elected official or other duly authorized employee.

The signature on this application form shall constitute personal affirmation that all statements or assertions of fact made in the application are true and complete, comply fully with applicable state requirements, and shall subject the signatory to liability under applicable state laws concerning the submittal of false or misleading statements. The signature shall constitute an agreement that the undersigned shall assume responsibility for compliance with a permit authorized by Chapters 3734 and 6111 of the Revised Code.

Printed Name:	Title:
Signature:	Date:
Fee Enclosed (\$350 non-refundable)	<input type="checkbox"/>



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Tab 2 – Beneficial Use Site Information

A separate sheet should be completed and attached for each location where waste material will be stored or blended.

Owner:						
Address:						
County:				Parcel Number:		
Contact Person:				Title:		
Phone Number:			Email Address:			
Project Information						
Project Estimated Start Date:				Project Estimated End Date:		
Beneficial Use Type:		<input type="checkbox"/> Agronomic Benefit		<input type="checkbox"/> Soil Blend		<input type="checkbox"/> Other:
Material Type	<input type="checkbox"/>	Lake Erie Dredge	<input type="checkbox"/>	Foundry Sand	<input type="checkbox"/>	Sewage Sludge Incinerator Ash
	<input type="checkbox"/>	Drinking Water Treatment Materials - Groundwater	<input type="checkbox"/>	Drinking Water Treatment Materials – Surface Water	<input type="checkbox"/>	Waste Used as Fuel in Combustion
Maximum Amount of Material for Beneficial Use (dry tons/year)				Maximum Storage Volume (dry tons)		

Please insert the following behind Tab 2 of this application form

Item	Narrative, Reports, and Plans	Included
2.1	Narrative describing the proposed beneficial use of the material (agronomic uses, soil blends, structural fill, etc.)	<input type="checkbox"/>
2.2	Supporting information demonstrating agronomic benefit or other beneficial use	<input type="checkbox"/>
2.3	Narrative describing the method for storage of the material prior to beneficial use and the maximum storage capacity	<input type="checkbox"/>
2.4	Narrative describing the best management practices (BMPs) that will be used when transporting, storing, and handling material to ensure the waste is not released to the environment <i>This should include the use of grading, berming, or curbing to prevent material run-off and divert run-on away from the storage areas. BMPs should also prohibit land application during precipitation events and onto frozen or snow-covered ground.</i>	<input type="checkbox"/>
2.5	For each storage location, either acknowledge that the following setbacks will be met or, if a setback is not met, demonstrate how the resource will be protected: <ul style="list-style-type: none"> • Not over or within a sensitive groundwater area • Not within 300 feet of wells used for public drinking water or surface water used for drink water or watering livestock • Not within 100 feet of waters of the state 	<input type="checkbox"/>

Item	Narrative, Reports, and Plans	Included
2.6	For each land application area, either acknowledge that the following setbacks will be met or, if a setback is not met, demonstrate how the resource will be protected: <ul style="list-style-type: none"> • Not within 300 feet of wells used for public drinking water or surface water used for drink water or watering livestock • Not within 33 feet of waters of the state 	<input type="checkbox"/>
2.7	Narrative identifying the disposal or other management method(s) for any material not beneficially used.	<input type="checkbox"/>



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Tab 3 – Material Characterization

A separate sheet should be completed and attached for each type or source of materials

Source of Material:						
Address:						
County:				Parcel Number:		
Contact Person:				Title:		
Phone Number:			Email Address:			
Material Information						
Material Type	<input type="checkbox"/>	Lake Erie Dredge	<input type="checkbox"/>	Foundry Sand	<input type="checkbox"/>	Sewage Sludge Incinerator Ash
	<input type="checkbox"/>	Drinking Water Treatment Materials - Groundwater	<input type="checkbox"/>	Drinking Water Treatment Materials – Surface Water	<input type="checkbox"/>	Waste Used as Fuel in Combustion

Please insert the following behind Tab 3 of this application form

Item	Narrative, Reports, and Plans	Included
3.1	Narrative describing the physical and chemical characteristics of material, including a description of the manufacturing process, the product generated, and a list of the feedstock, input materials, and raw materials used to generate the material	<input type="checkbox"/>
3.2	The sampling and analysis plan to used collect representative samples (see USEPA SW-846), including sampling dates; location and the number of all grab samples, composite samples, and/or incremental samples; rationale for the sampling; equipment/tools used for sampling; laboratory methods used (total metals, TCLP, SPLP, etc.); laboratory results, including QA/QC information; statistical analysis or explanation for using composite samples; and, discussion of what is known about data quality and usability	<input type="checkbox"/>
3.3	Narrative describing the sample handling techniques and shipping procedures selected to maintain the sample integrity, including sample preservation and chain of custody. The description shall also set forth the quality control procedures and sampling protocols used to obtain representative samples of the material	<input type="checkbox"/>
3.4	Analytical sample results and statistical analysis results, including: <ol style="list-style-type: none"> 1. a copy of the Tier I laboratory report, 2. a summary table in Excel (or similar format) of all the raw data and the data analysis, 3. an analytical report containing a description of the statistical or empirical data evaluation methods to determine the representative average properties of the solid waste, other waste or industrial waste. If using US EPA’s ProUCL, please provide the reports generated from calculating the 95% UCL, and 	<input type="checkbox"/>
3.5	A written discussion of the analytical results used to justify the beneficial use of the material.	<input type="checkbox"/>

Item	Narrative, Reports, and Plans	Included
3.6	If a constituent of concern exceeds the USEPA RSL for residential soil, narrative that explains how the exceedance for land application of the material will not adversely impact public health or safety or the environment.	<input type="checkbox"/>
3.7	If a constituent of concern exceeds the USEPA RSL for residential soil, narrative that explains how the exceedance for land application of the material will not adversely impact public health or safety or the environment.	<input type="checkbox"/>
3.8	Narrative describing the chemical characteristics, including the leaching characteristics, of runoff from the material, if material is used in structural fill. This may include sampling and analysis data (e.g, TCLP, SPLP)	<input type="checkbox"/>