

Name of facility _____
 PTI Application # _____

PTI REVIEW CHECKLIST

SOLID WASTE INCINERATOR FACILITY

PLAN/NARRATIVE INFORMATION AND APPROVAL CRITERIA

(Please Note: Applications for solid waste incinerators which will also accept infectious waste must include the information listed on pages 5 and 6 of this checklist, referenced from OAC Rule 3745-27-37. Such incinerators must be operated in accordance with the standards applicable to incinerators in OAC Rule 3745-27-32.)

OAC 3745-27-50 Paragraph	Information/Criteria	Meets	Doesn't Meet	See Attached
BACKGROUND CHECK				
(A)(2)(a)	Submit disclosure statement			
Approval Criteria -27-51(G): Meets disclosure statement criteria				
DETAIL ENGINEERING PLAN COVER SHEET				
(B)(1)(a)	Name of the solid waste incinerator facility			
(B)(1)(b)	Precise geographic location, boundaries, etc.			
(B)(1)(c)	Name and address of applicant and operator			
Approval Criteria -27-51(E): Compliance history of applicant/operator				
(B)(1)(d)	Name and address of land owner(s)			
(B)(1)(e)	Name and address of person who prepared the plans			
PLAN DRAWINGS				
(B)(2)(a)(i)	Property lines of all land owned or leased			
(B)(2)(a)(ii)	All public roads, railroads, and occupied structures			
(B)(2)(a)(iii)	Existing topography with a contour interval no greater than five feet			
(B)(2)(a)(iv)	The north arrow			
Items within 500 feet				
(B)(2)(c)	All existing domiciles			
Approval Criteria -27-51(K): Waste handling areas not within 250 feet of a domicile				
(B)(2)(d)	Limits of the regulatory floodplain			
Approval Criteria -27-51(C): Facility not within a floodway				
(B)(2)(e)	National park or recreation areas, candidate areas for potential inclusion in the national park system, state park, or established state park purchase area			
Approval Criteria -27-51(I): Facility not located in any of the above areas, or on any property that lies within national park or recreation area that has not been acquired or is not administered by USDI.				
(B)(2)(f)	ODNR state nature preserves, state wildlife areas, and state scenic rivers; Ohio Historical Society nature preserve; United States Department of the Interior national wildlife refuge or national scenic			

OAC 3745-27-50 Paragraph	Information/Criteria	Meets	Doesn't Meet	See Attached
	river; United States Forest Service special interest area or research area in the Wayne National Forest; Ohio EPA state resource water, coldwater habitat, exceptional warmwater habitat			
Approval Criteria -27-51(J): Facility not located within 250 feet of any of the above.				
Items within 250 feet				
(B)(3)(a)	Location of waste handling areas, buildings, etc.			
(B)(3)(b)	Location of utilities etc.			
(B)(3)(c)	Location of fencing, gates etc.			
(B)(3)(d)	Existing and proposed topography			
Surface water drainage within 500 feet				
(B)(4)(a)	Direction of flow and concentration of surface waters			
Approval Criteria -27-51(D): Facility not located within 250 feet of any surface waters of the state, defined in OAC 3745-1-02 as: all streams, publicly owned lakes and reservoirs, ponds, marshes, wetlands, or other waterways which are situated wholly or partially within the boundaries of the state, except those private waters which do not combine or effect a junction with natural surface waters. Waters defined as sewerage system, treatment works or disposal system in Section 6111.01 of the Revised Code are not included.				
(B)(4)(b)(i)	Drainage grades			
(B)(4)(b)(ii)	Swales, streams and diversion trenches			
(B)(4)(b)(iii)	Special drainage devices for control of surface erosion			
Detailed construction and operational plans				
(B)(5)(a)	Location of incinerators; waste feed and APC systems			
(B)(5)(b)	Location of areas for waste and ash handling; recycling			
Approval Criteria -27-51(L): All waste handling must take place in buildings, structures, or other methods of cover deemed acceptable by the director				
(B)(5)(c)	Seasonal prevailing wind direction			
(B)(5)(d)	Traffic patterns (including on-site and access roads)			
(B)(5)(e)	Cross-sections not less than every 50 feet of waste handling facilities and surfaces, including description and construction material identification			
Approval Criteria -27-51(M): Waste handling floor must prevent infiltration and unauthorized leachate discharges: must allow wet or dry cleanup; must be sloped to collection points and not allow ponding; must be designed to withstand operational forces; must be accessible for annual crack inspection; must be constructed of repairable materials				
NARRATIVE DESCRIPTION/INFORMATION				
Summary				
(C)(1)	Summary of the site environs and satisfaction of Director's approval criteria			

OAC 3745-27-50 Paragraph	Information/Criteria	Meets	Doesn't Meet	See Attached
Operational information				
<i>Informational purposes only</i>				
(C)(2)(a)(i)	Types of vehicles for waste, ash handling			
(C)(2)(a)(ii)	Performance capabilities, waste processing rate			
(C)(2)(a)(iii)	Capacity and type of waste and ash storage containers			
(C)(2)(b)	Proposed hours of operation			
<i>Operational discussion</i>				
(C)(3)(a)	Requested AMDWR			
(C)(3)(b)	Description of all activities (unloading, processing, etc.)			
(C)(3)(c)(i)	Methods of unloading waste material			
(C)(3)(c)(ii)	Methods of waste and ash handling			
(C)(3)(c)(iii)	Traffic patterns on-site			
(C)(3)(c)(iv)	Methods of out-loading ash and waste			
(C)(3)(c)(v)	Waste inspection procedures			
(C)(3)(c)(vi)	Storage methods for waste and ash			
<i>Control measures</i>				
(C)(3)(d)(i)	Leachate collection and management			
Approval Criteria -27-51(N): Adequate leachate management facilities conveyance and storage structures must be monitored if required by Director, storage tanks must have spill containment, storage structures must have sufficient capacity to allow proper facility operation, leachate lines must be double-cased				
(C)(3)(d)(ii)	Prevention of waste/vector, precipitation contact			
(C)(3)(d)(iii)	Measures to control fire, explosion, dust, etc.			
(C)(3)(e)	Recycling procedures, if any			
Written plans				
<i>Contingency plans for:</i>				
(C)(4)(a)(i)	Discovery of unauthorized wastes			
(C)(4)(a)(ii)	Fire, explosion, spills			
(C)(4)(a)(iii)	Equipment failure			
(C)(4)(a)(iv)	Operations if facility becomes unavailable			
(C)(4)(b)	Notifications if facility becomes unavailable			
(C)(4)(c)	Ash management plan			
<i>Final closure plan including:</i>				
(C)(4)(d)(i)	Closure schedule and necessary steps			
(C)(4)(d)(i)	Final closure contact person			
(C)(4)(d)(i)	Financial assurance information:			
	• Closure cost estimates			
	• Draft instrument			
Approval Criteria -27-51(H): Financial assurance instrument which meets criteria of OAC3745-27-15 must be executed				
<i>Notification Letters</i>				
(C)(5)(a)(i)	Local governments			
(C)(5)(a)(ii)	Solid waste management district			
(C)(5)(a)(iii)	Any easement holders			
(C)(5)(a)(iv)	Local zoning authorities			
(C)(5)(a)(v)	Any local air pollution authority			
(C)(5)(a)(vi)	Any bordering park system administrator			
(C)(5)(a)(vii)	Any bordering conservancy district administrator			
(C)(5)(a)(viii)	Local fire department			

OAC 3745-27-50 Paragraph	Information/Criteria	Meets	Doesn't Meet	See Attached
	<i>Other information</i>			
(C)(5)(b)	Proof of property ownership or lease agreement			
(C)(5)(c)	Notarized statement of truth and accuracy			
GENERAL CRITERIA				
	Approval Criteria -27-51(A): Facility will be capable of operating in compliance with ORC 3704 and 6111.			
	Approval Criteria -27-51(B): Facility will be capable of construction, operation, and closure in accordance with OAC rule 3745-27 and the terms and conditions of the permit			
	Approval Criteria -27-51(F): Operator is certified (if operator certification program is in effect)			

IF INCINERATOR WILL ACCEPT INFECTIOUS WASTE**ADDITIONAL INFORMATION TO BE SHOWN ON PLANS AND/OR SUBMITTED WITH PLANS**

OAC 3745-27-37 Paragraph	Information/Criteria	Meets	Doesn't Meet	See Attached
PLAN DRAWINGS				
(B)(1)(b)	Treatment facility property line and 1000 ft radius beyond on 7-1/2 min. map			
(B)(2)(a)	Within 1000 ft of treatment facility: property lines of land owned and leased			
(B)(2)(b)	Within 1000 ft of treatment facility: public roads, railroads, domiciles			
(B)(2)(c)	Within 1000 ft of treatment facility: land use, zoning, owners, etc.			
(B)(2)(d)	Within 1000 ft of treatment facility: north arrow			
(B)(2)(e)	Within 1000 ft of treatment facility: surface waters of the state			
(B)(3)(a)	Location of treatment buildings, storage facilities and occupied structures			
(B)(3)(b)	Location of fencing, gates, natural and other types of screening			
(B)(3)(c)	Location of infectious waste handling areas			
(B)(3)(d)	Location of drainage structures			
(B)(3)(e)	Location of spill containment and clean-up kit			
(B)(3)(f)	Location of fire extinguishers and other fire response equipment			
(B)(4)	Detailed views of treatment unit			
(B)(5)(a)	Distance between infectious waste handling areas and property line			
Approval Criteria -27-37(D)(5)(a): Infectious waste handling areas are at least 500 feet from the property line				
(B)(5)(b)	Within 1000 feet of waste handling: domiciles, schools, jails, and prisons			
Approval Criteria -27-37(D)(5)(b): Infectious waste handling areas are at least 1000 feet from any domicile, school, prison, or jail				
SUMMARY AND OPERATIONAL INFORMATION				
(C)(1)	Compliance with standards and operational requirements			
(C)(2)(a)	Discussion of treatment method			
(C)(2)(b)	Identification and utilization of treatment, storage, and occupied structures			
(C)(2)(c)	Utilization of fencing, gates, natural and other screening			
(C)(2)(d)	Utilization of infectious waste handling areas			
(C)(2)(e)	Utilization and drainage of the decontamination area			
(C)(2)(g)	Functions, qualifications, training, and certification of staff			
(C)(2)(h)	Format and use of the daily log, including operation and maintenance			

OAC 3745-27-37 Paragraph	Information/Criteria	Meets	Doesn't Meet	See Attached
(C)(2)(i)	Design and function of water cooling and collection system for ash			
(C)(2)(j)	Handling and disposal of particulates from the air pollution control system			
(C)(2)(k)	Methods used to distinguish hazardous waste			
(C)(2)(l)	Methods used to distinguish infectious waste that is radioactive waste			
(C)(2)(m)	Quality control measures			
(C)(2)(n)	Third party quality control contracts, if any			
(C)(2)(o)	Accident or spill containment procedures			
(C)(2)(q)	Coordination with local officials: fire, police, emergency management			