

**ENVIRONMENTAL SITING CRITERIA/
ENVIRONMENTAL ASSESSMENT PROCESS
REVIEW CHECKLIST FOR HAZARDOUS WASTE MANAGEMENT FACILITIES**

MODULE 9

SCOPE

The purpose of the criteria is to provide an additional margin of safety beyond the protection already afforded by facility design, operational and monitoring requirements set forth in Chapter 260a. through 270a. The criteria absolutely exclude siting of facilities in certain environmentally sensitive areas (Phase I) and require thorough assessment of environmental impacts prior to determining the suitability of siting in other sensitive environments (Phase II).

Permit applicants must subject lands proposed for treatment or disposal of hazardous waste to the siting criteria prior to issuance of a hazardous waste permit. Module 9 is to be completed and submitted to the Department as a component of the Part B Permit Application. It is recommended that potential permit applicants subject proposed facilities to Phase I of the ESC prior to preparation of any other component of the Part B permit application. If, in fact, the site does not meet the exclusionary criteria imposed by Phase I (Sections 269a.21 through 269a.29) the site will not be permitted by the Department. If the site is not excluded under Phase I of the criteria, the applicant should complete Phase II (Sections 269a.41 through 269a.50) providing additional information, as required. Sections 269a.41 through 269a.49 allow applicants to attempt to mitigate impacts. Section 269a.50 allows applicants to attempt to mitigate impacts, but also allows the applicant to provide social and economic justification in the event that impacts cannot be effectively mitigated. The Department will determine the effectiveness of mitigation and justification provisions.

Hazardous waste storage facilities are exempt from the requirements specific to the Environmental Siting Criteria, but may be subject to the Environmental Assessment Process, in accordance with Article 1, Section 27 of the Pa. Constitution, known as the Environmental Rights Amendment.

APPLICABILITY

Environmental Siting Criteria:

The Environmental Siting Criteria apply to siting of treatment and/or disposal facilities managing hazardous waste (defined in Chapter 260a.-261a.). Phase I Criteria apply to all hazardous waste treatment and/or disposal facilities and modification to the facility outside the facility site defined by the original permit (if the permit has not been issued, the permit application) with the following exceptions:

1. A facility sited and substantially constructed in good faith prior to September 21, 1985;
2. Modifications to a facility within the existing facility site.

Phase II criteria apply to all hazardous waste treatment or disposal facilities and modifications, including the exceptional circumstances indicated by Items 1 and 2, above.

Environmental Assessment Process:

The Environmental Assessment Process applies to the siting of hazardous waste storage facilities (storage as defined in Chapter 260a.), including surface impoundments to be used exclusively for storage.

PROCEDURES

Permit applicants should submit a completed copy of this module with the permit application submission. In addition, a USGS 7.5 minute topographic quadrangle map, indicating the perimeter of the facility site (to approximate scale) and all environmental resource areas (as indicated by this module) shall be provided.

Environmental Siting Criteria:

If the permit applicant/permittee intends to site a hazardous waste treatment and/or disposal facility subject to the Environmental Siting Criteria (as determined in the "Applicability" section, herein), then Section One of this module should be completed. The applicant should complete Phase I prior to Phase II. Applicants should answer each question which

Siting Hazardous Waste Management Facilities

**New Jersey Hazardous Waste Facilities
Siting Commission, Environmental
Resources Management, Inc. (West
Chester, Pa.)**

Siting Hazardous Waste Management Facilities:

New Jersey Hazardous Waste Facility Site Search New Jersey Hazardous Waste Facilities Siting Commission, 1985
Siting Hazardous Waste Facilities David Morell, Christopher Magorian, 1982 **Improvements in Siting Hazardous Waste Facilities** California. Department of Health Services. Advisory Committee on Hazardous Waste Facility Siting Criteria, 1982 *Siting Hazardous Waste Management Facilities* , 1993 Siting of Hazardous Waste Disposal Facilities in Texas Lyndon B. Johnson School of Public Affairs. Hazardous Waste Disposal Policy Research Project, 1982 **Hazardous Waste Management Facility Siting in Georgia** James E. Kundell, Ellen R. Jordan, 1987 **Hazardous Waste Sites** Michael R. Greenberg, 2017-09-05 Mutual distrust defines the relationship between those who are the sources of hazardous wastes and those who oversee their activities A lack of credibility argue the authors is a formidable if not the biggest obstacle to properly managing hazardous waste in the United States Nowhere is the credibility gap wider than where there are hazardous waste management facilities or where sites have been proposed The purpose of this book is to provide comprehensive perspectives on hazardous waste sites in the United States The sources of hazardous waste are described along with the scientific and legal climates that allowed wastes to be discarded with little attention to impacts Evidence is weighed for and against public health as well as environmental economic and social damages at abandoned sites Political processes and analytical techniques are suggested and illustrated for those who are involved in the siting of new facilities A strategy for hazardous waste management is offered together with approaches to substantially reduce the difficulties faced by local planners and site managers who face a hostile public A historical legacy of mismanagement fueled by exaggeration of impacts and by a lack of information characterizes hazardous waste management in the United States This book will be important to planners environmental scientists and public health officials In order to assure accessibility for the casual reader the authors keep the explanation of mathematical methods and technologies in this area to a minimum *Using Compensation and Incentives when Siting Hazardous Waste Management Facilities* , 1982 **The Keystone Siting Process Handbook** , 1984 **EPA and State Hazardous Waste Disposal Facility Siting Policies** United States. Congress. House. Committee on Government Operations. Environment, Energy, and Natural Resources Subcommittee, 1998
Guidelines for Siting Hazardous Waste Management Facilities Booz, Allen & Hamilton, Environmental Resources Management (Firm), Maryland Environmental Service, 1981 Siting Hazardous Waste Treatment Facilities Kent Portney, 1991-02-28 Since the 1960s and 70s a wave of environmental awareness has swept the United States News reports of oil spills DDT damage to wildlife and the nuclear near disaster at Three Mile Island have along with other incidents contributed to a widespread distrust of industry and a collective fear of all chemical processing facilities This fear has been translated according to Kent Portney into local political opposition to the siting of much needed hazardous waste treatment plants the NIMBY not in my backyard syndrome The failure of federal state and local governments to effectively control

improper hazardous waste disposal has further strengthened the NIMBY syndrome Portney argues that once it is understood what motivates the array of local attitudes toward hazardous waste treatment facilities and the political constraints placed on the search for solutions effective compromises can be reached The book begins by focusing on the facility siting dilemma and what can be done to find new policies that work Chapter two analyzes what does and does not work in easing the effects of the NIMBY syndrome Democratic political processes are investigated in chapter three especially those that contribute to the development of NIMBY opposition Chapters four and five present empirical correlates of changes in peoples attitudes and explain how people can ultimately be convinced to support local hazardous waste treatment facilities Social cultural and psychological construction of opposition to facility siting is studied in chapter six Portney presents viable solutions to the facility siting problem in light of the NIMBY syndrome in the concluding chapter This important book will be of great value to practitioners facing actual siting decisions members of statewide siting boards private sector parties wishing to site facilities and those teaching courses in environmental policy or politics

New Jersey Hazardous Waste Facilities Plan Update New Jersey Hazardous Waste Facilities Siting Commission,1989

Hazardous Waste Siting and Democratic Choice Don Munton,1996 This volume analyzes the politics of hazardous waste siting and explores promising new strategies for siting facilities Existing approaches to waste siting facilities have almost entirely failed across all industrialized countries largely because of community or NIMBY Not in My Backyard opposition This volume examines a new strategy voluntary choice siting a process requiring mutual decisions negotiated between facility developers and the host communities This bottom up approach preserves democratic rights recognizes the importance of public perceptions and addresses issues of equity In this collection an interdisciplinary group of experts probes recent examples of waste facilities siting in the United States Canada Germany and Japan Both the successes and the failures presented offer practical insights into the siting process The book includes an introductory review of the literature on facility siting and the NIMBY phenomenon as well as instructive essays on the use of voluntary processes in facilities siting This book will be of value to policymakers industry and environmental groups as well as to those working in environmental studies and engineering political science public health geography planning and business economics

Using Mediation when Siting Hazardous Waste Management Facilities Howard S. Bellman,1982

Hazardous Waste Facility Siting in New York State ,1989

Final Report South Dakota. Environment and Natural Resources Department. Division of Environmental Regulation. Office of Waste Management,Christopher Konrad,Jerry Boese,Amy Squires,Ross and Associates Environmental Consulting Ltd,1994

Siting Low-Level Radioactive Waste Disposal Facilities Mary R. English,1992-06-16 Many lament the difficulty of siting hazardous waste facilities that are intended to benefit the public at large but are locally unwanted Many label local opposition as purely self interested as simply a function of the NIMBY Not In My Backyard syndrome Drawing upon the experience of states trying to site new low level radioactive waste disposal facilities Mary English argues that we need to think harder and look deeper to

understand and possibly solve the siting dilemma The 1980 Low Level Radioactive Waste Policy Act ushered in a new era in low level radioactive waste disposal one of vastly increased state responsibility By a 1985 amendment states were given until January 1993 to develop a new system of disposal facilities English reviews the progress they have made focusing on one difficulty that of finding technically and socially acceptable sites She then turns to issues concerning authority trust risk and justice that help to shape the siting dilemma This book is made highly readable by vivid examples drawn from recent efforts to site low level waste disposal facilities The volume will be a helpful resource to those in the public and private sectors who are immediately concerned with the siting of radioactive waste disposal facilities hazardous waste facilities solid waste landfills incinerators etc as well as social scientists who are studying this problem **New Jersey Hazardous Waste Facilities Plan** New Jersey Hazardous Waste Facilities Siting Commission, Environmental Resources Management, Inc. (West Chester, Pa.), 1985 *A Decision Model for Siting Hazardous Waste Management Facilities* Mark J. Sexton, 1985

Uncover the mysteries within is enigmatic creation, **Siting Hazardous Waste Management Facilities** . This downloadable ebook, shrouded in suspense, is available in a PDF format (*). Dive into a world of uncertainty and anticipation. Download now to unravel the secrets hidden within the pages.

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web method of ground tunneling are as follows 1 fore poling method fore poling method is a very old method and used for running ground the process is slow and tedious and requires skilled labor 2 needle beam method the needle beam consists of a stout timber beam or composite beam and forms the main temporary support during the excavation

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web the needle beam consists of a stout timber beam or a composite flinched beam and form the main temporary support during the excavation this method is suitable for soils where roof can withstand for a few minutes sequence of operations a drift monkey drift of about 1 metre is driven on the working face

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web apr 25 2013 the forepoling is an old method and it can be used successfully for carrying out tunnelling operations

through ground needle beam method this method is useful when the soil is hard enough to stand for few minutes

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[web dec 1 2020](#) in this article we covers needle beam method of tunneling in soft ground factor affecting the choice of a method size of tunnel type of ground available equipment method of sequence of excavation needle beam method needle beam method suitable for firm ground and brick

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[web](#) the needle beam method fig 30 8 is adopted in terrains where the soil permits the roof of the tunnel section to stand without support for a few minutes in this method a small drift is prepared for inserting a needle beam consisting of two rail steel rs joists or i sections and is bolted together with a wooden block in the centre

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[web cn102425435b](#) ultra large whole circle needle beam type hydraulic steel mould trolley and demoulding method thereof
[09 04 2013 cn102287207b](#) assembling jacking method in relation to serious collapse