



RHODE ISLAND  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

October 28, 2004

Ms. Anna Krasko, Remedial Project Manager  
USEPA – New England, Region 1  
Office of Site Remediation and Restoration  
1 Congress Street – Suite 1100  
Boston, MA 02114-2023

RE: Request for ARARs Identification  
Centredale Manor Superfund Site Restoration Project

Dear Anna:

As a result of our FS-scoping meeting on September 21, 2004 and in response to your letter of September 28, requesting the State identify potential ARARs for consideration during the selection of a remedial alternative, I have attached a summary table of these action-, chemical-, and location-specific requirements.

If you have any questions or concerns regarding this matter, please feel free to contact me at 401-222-2797, extension 7141. You may also contact Louis Maccarone of my staff, at extension 7142.

Sincerely,

A handwritten signature in black ink, appearing to read 'Matthew DeStefano', with a long horizontal line extending to the right.

Matthew DeStefano, Supervising Engineer  
Office of Waste Management

cc: L. Maccarone, OWM



Media	Requirements	Requirements Synopsis	Specific Applicability
Surface Water - State	Rhode Island Water Quality Regulations, RIDEM, 6/23/00.	Incorporated RI Ambient Water Quality Standards. Classifies water use and defines water quality goals to protect public health and welfare, enhance the quality of state water, and serve the purpose of the CWA.	Action, Chemical and Location Specific
Surface Water - State	Rules and Regulations for Dredging and the Management of Dredged Material, RIDEM, 2/26/03	Applicable for any remedial or removal action including dredging of sediments.	Action, Chemical and Location Specific
Wetland (including buffer zones) - State	Rules and Regulations governing the enforcement of the Freshwater wetlands Act, RIDEM, 4/23/98; and amendments thereto 9/19/01.	Applicable to actions required to prevent the undesirable drainage, excavation, filling, alteration, encroachment, or any other form of disturbance or destruction to a wetland.	Action and Location Specific
Surface Water - State	Regulations for Rhode Island Pollutant Discharge elimination System (RIPDES), RIDEM, 2/25/03.	Applicable for discharges to surface waters and to protect waters from discharges of pollutants.	Action, Chemical and Location Specific
Surface Water and Groundwater - State	Oil Pollution Control Regulations, RIDEM, 1/3/91	Establishes guidelines for the prevention of discharge, escape or release of oil into the waters of the State and to preserve and protect the quality of the waters of the State, consistent with the purposes of the Clean Water Act	Action and Location Specific
Groundwater - State	Rules and Regulations for Groundwater Quality, RIDEM, 8/96	Incorporated RI Groundwater Standards. Intends to protect and restore quality of groundwater resources for use as drinking water and other beneficial uses, to assure protect of public health and welfare and the environment	Action, Chemical and Location Specific
Groundwater - State	Underground Injection Control Program Rules and Regulations, RIDEM, 6/10/84	Applicable for any remedial or removal action where subsurface discharge or underground injection of treated or untreated groundwater may occur.	Action and Location Specific
Air Quality - State	Air Pollution Control Regulations, RI Dept. of Health, Division of Air Pollution Control, effective 8/2/67, amended 5/20/91 - regulation No. 1 - Visible Emissions.	No contaminant emissions will be allowed for periods of more than three minutes in any one hour which is greater or equal to 20% opacity.	Action Specific

Air Quality - State	Rhode Island Air Pollution Control Regulation 5 – Fugitive Dust, RIDEM, 9/16/96	Reflects that reasonable precautions be taken to prevent particulate matter from becoming airborne.	Action Specific
Air Quality - State	Rhode Island Air Pollution Control Regulation 7 – Emissions Detrimental to Persons or Property, RIDEM, 3/28/93	Prohibits emissions of contaminants which may be injurious to human, plant, or animal life or cause damage to property or which unreasonably interferes with the enjoyment of life and property.	Action and Chemical Specific
Air Quality - State	Rhode Island Air Pollution Control Regulation 15 – Control of Organic Solvent Emissions, RIDEM, 4/8/96	Limits the amount of organic solvents emitted to the atmosphere.	Action and Chemical Specific
Air Quality - State	Rhode Island Air Pollution Control Regulation 17 - Odors.	Prohibits the release of objectionable odors across property lines.	Action and Location Specific
Air Quality - State	Rhode Island Air Pollution Control Regulation 22 – Air Toxics, RIDEM, 4/27/04	This regulations prohibits the emissions of specified contaminants at rates which would result in ground level concentrations greater than acceptable ambient levels in the regulation.	Action and Chemical Specific
Air Quality - State	Rhode Island Air Toxics Guidelines, RIDEM, 4/04.	Companion to Air Pollution Control Regulation No. 22	Action and Chemical Specific
Air Quality - State	Rhode Island Guidelines for Air Quality Modeling for Air Toxics Substances, RIDEM, 9/04	Companion to Air Pollution Control Regulations Nos. 9 and 22	Action and Chemical Specific
Hazardous Waste – State	Rhode Island Rules and Regulations for Hazardous Waste Management, Section 8, RIDEM 4/19/92.	Outlines operational requirements for all hazardous waste treatment, storage, and disposal facilities.	Action and Location Specific
Hazardous Waste – State	Rhode Island Rules and Regulations for Hazardous Waste Management, Section 9, RIDEM 12/12/02.	Outlines requirement for general waste analyses, security procedures, inspections, safety, etc.. Sets design, construction, and operational requirements for hazardous waste containers and tanks, and closure requirements for hazardous waste facilities.	Action and Location Specific
Hazardous Waste – State	Rhode Island Rules and Regulations for Hazardous Waste Management, Section 10, RIDEM 12/12/02.	Outlines design, operational, and closure requirements for new hazardous waste landfills.	Action and Location Specific

Hazardous Waste – State	Rhode Island Rules and Regulations for Hazardous Waste Management, RIDEM 12/12/02, Sections 12 and 13.	Requires minimal standards for solid waste landfill capping. Specifies type and depth of cap barrier layers and engineering standards. Includes measures to protect against odors and dust.	Action and Location Specific
Solid Waste – State	Rhode Island Rules and Regulations for Solid Waste Management, RIDEM Solid Waste Regulation No. 1, 4/01.	Applicable for the minimization of environmental hazards associated with operation of solid waste facilities, including management and disposal of dredged material.	Action, Chemical and Location Specific
Solid Waste – State	Rhode Island Rules and Regulations for Solid Waste Management, RIDEM Solid Waste Regulation No. 2, 2/97.	Applicable for the construction of final covers and leachate collection systems; and Applicable for all monitoring plans that result from on-site remedial actions.	Action, Chemical and Location Specific
Solid Waste – State	Rules and Regulations for Dredging and the Management of Dredged Material, RIDEM, 2/26/03	Applicable for any remedial or removal action including dredging of sediments.	Action, Chemical and Location Specific
Waste Water – State	Rhode Island Pretreatment Regulations, RIDEM, 7/16/84	Applicable for any remedial or removal action where treated or untreated liquids are discharged to a Publically Owned Treatment Works (POTW) facility.	Action, Chemical and Location Specific
General - State	Rhode Island Hazardous Substance Community Right-to-Know Act, RIGL 23-24.4	Establishes rules for public right to know concerning hazardous waste storage, discharge, emissions and transportation.	Action, Chemical and Location Specific