

MORRIS COUNTY
SOLID WASTE MANAGEMENT PLAN AMENDMENT

August 1994

Inclusion of Riverdale Quarry Company
Class "B" Recycling Center

Prepared for:

MORRIS COUNTY BOARD OF CHOSEN FREEHOLDERS
MORRIS COUNTY SOLID WASTE ADVISORY COUNCIL

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**Amendment to the Morris County Solid Waste Management Plan
for the Inclusion of Riverdale Quarry Company
Class "B" Recycling Center**

INTRODUCTION

The New Jersey Solid Waste Management Act (N.J.S.A. 13:1E-1 et seq.) established a comprehensive system for the management of solid waste in New Jersey. The Act designated all twenty-one (21) of the state's counties, and the Hackensack Meadowlands District, as Solid Waste Management Districts, and mandated the respective Boards of Chosen Freeholders and the Hackensack Meadowlands Development Commission develop comprehensive plans for waste management in their respective districts. On January 29, 1981, the New Jersey Department of Environmental Protection approved, with modifications, the Morris County District Solid Waste Management Plan (SWMP). The Act further requires that all new solid waste facilities be approved for plan inclusion.

This document has been prepared to amend the Morris County Solid Waste Management Plan. This Amendment proposes to include a Class "B" Recycling Center (Center) operated by Riverdale Quarry Company (the Quarry), Riverdale Borough, Morris County, New Jersey for reclaiming/recycling asphalt and concrete.

PROJECT DESCRIPTION

Riverdale Quarry Company has proposed to develop a Class "B" Recycling Center for the reclamation/recycling of asphalt and concrete. Prior to operation, the current State policy (N.J.A.C. 7-26A-3.1) requires that the Quarry obtain written General Approval from the New Jersey Department of Environmental Protection (NJDEP) for operating a Recycling Center for Class "B" recyclable materials. This initially requires inclusion into the Morris County Solid Waste Management Plan.

Site Description

The Center will be situated on the property of Riverdale Quarry Company located at Hamburg Turnpike bordered by Interstate Highway Route 287 on the south and State Highway Route 23 on the west in the Borough of Riverdale. This property is identified as Block 12; Lot 13 and Block 13; Lots 27, 28 and 29 in Riverdale Borough. See Figure 1 for a location map. The entire site is 166.25 acres. Block 12; Lot 13 and Block 13; Lots 27, 28 are zoned I-Q (Industrial Quarry) and total approximately 130 acres. The other portion of the site, Block 13; Lot 29 is approximately 37 acres and is zoned C-O (Corporate Offices). Quarry operations are currently conducted on Block 13, Lots 27 and 28 and a bituminous concrete plant is located on Block 13; Lot 27. The proposed recycling center will be located on the portion of the site zoned for quarry operations.

Type of Material

Asphalt and concrete (with or without rebar) will be accepted at the proposed facility. These materials will be crushed and then incorporated into the Quarry's aggregate or bituminous concrete products.

Source Area

This Center shall serve as a regional Class "B" recycling center for the recycling of asphalt and concrete. It may accept this material from anyone wishing to recycle it providing it is source separated from other solid waste. If the center is operating at capacity, priority shall first be given to the acceptance of this material from Morris County generators, then from other New Jersey generators. If capacity still is available, the Center may accept materials from out-of-State generators providing the materials are source separated from other solid waste.

Center Operation and Capacity

Riverdale Quarry Company is developing its proposed Recycling Center to accept asphalt and concrete for recycling into raw materials to be incorporated into the Quarry's aggregate and concrete products. These recycled materials will replace the use of virgin materials in some of the Quarry's products.

Asphalt and Concrete

In order to recycle asphalt and concrete the Quarry will use stone crushing, conveying and sorting equipment as well as a magnet to remove metal rebar from the crushed material. The crushed material will be conveyed to a screen tower to be separated into different grades of aggregate material for road subbases, road beds and bituminous concrete. In addition, separated metal rebar will be sold as scrap metal.

All material delivered to the Center will first be weighed and inspected and then directed to the storage area where the load will be dumped. The Center is designed to process all materials within one year of receipt. The storage area has a capacity of 130,000 tons which allows for storage of up to two years' supply of unprocessed material. Once the storage area is filled, the Quarry will no longer accept material.

It is anticipated the average daily processing capacity of this material will be 8,005 tons/day and the maximum amount received will be 2,010 tons/day of asphalt and concrete. The Center's hours of operation will be from 7:00 a.m. to 7:00 p.m. Monday through Friday and on Saturdays by appointment only. No more than 100 vehicles/day will be delivering this material to the Quarry. The vehicles used will include tandem, tri-axle and single-axle dump trucks and dump trailers.

Reporting:

Once a year, Riverdale Quarry Company shall provide the municipal recycling coordinator of the municipality of the material's generation with documentation of the quantity of material recycled from that coordinator's respective municipality. Likewise, the Quarry shall provide the Morris County Solid Waste Coordinator with documentation summarizing the quantity of material recycled at the Center.

PLAN AMENDMENT

Pursuant to N.J.S.A. 13:1E-1 et. seq. Morris County proposes to include the Class "B" Recycling Center for the purpose of recycling/reclamation of asphalt and concrete operated by Riverdale Quarry Company, Riverdale Borough (Block 12; Lot 13 and Block 13; Lots 27, 28, 29), Morris County, New Jersey into the Morris County Solid Waste Management Plan. A map illustrating the site location has been included in Figure 1.

This proposed plan amendment is in conformance with the approved SWMP by providing for the management of solid wastes generated in Morris County. It is also in conformance with the Governor's Executive Order 8 requiring the attainment of a 60 percent recycling rate and the development of regional solid waste facilities.

According to State policy (N.J.A.C. 7-26A-3.1), Riverdale Quarry Company needs to apply to the NJDEP for General Approval to operate its proposed Recycling Center to handle Class "B" recyclable material. This NJDEP application will contain additional information on the proposal which is not included in this Solid Waste Management Plan Amendment. Before operation of its proposed Center, the Quarry needs to receive written General Approval from the NJDEP.

To insure the broadest possible participation by the general public in this plan amendment process, the Morris County Board of Chosen Freeholders will conduct a public hearing. All County residents, public officials or organizations interested in this action are encouraged to attend the public meeting and offer testimony.

Inquiries and written comments or questions concerning this proposed plan amendment may be addressed to:

Morris County Courthouse
Morris County Board of Chosen Freeholders
P.O. Box 900
Morristown, New Jersey 07963-0900

Morris County Courthouse
Morris County Municipal Utilities Authority
P.O. Box 900
Morristown, New Jersey 07963-0900

USGS- 7.5 MINUTE SERIES

WANAQUE QUADRANGLE



POMPTON PLAINS QUADRANGLE

SCALE 1" = 2000'



SITE LOCATION MAP

Riverdale Quarry Company
Riverdale, NJ

Figure 1 - Location of Riverdale Quarry Company's Class "B" Recycling Center