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Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for Maywood, New Jersey



U.S. Department of Energy

126611



Department of Energy

Oak Ridge Operations
P.O. Box 2001
Oak Ridge, Tennessee 37831— 8723

February 21, 1995

Mr. Shannon Gray
Aquaterra Environmental Services
79 5th Avenue, 12th Floor
New York, New York 10003

Dear Mr. Gray:

MAYWOOD SITE -- PRESENCE OF CONTAMINATION AT 194 ROUTE 17 NORTH

As you requested in your conversation with Andrea George of Bechtel National, Inc. on January 18, this letter explains the surveys that have been performed and the contamination that is present in the Maywood/Lodi/Rochelle Park area.

In general, three types of surveys have been completed in the Maywood/Lodi/Rochelle Park area: an aerial survey, a mobile gamma radiation scan, and detailed property surveys, some of which included soil sample collection and analysis. An aerial survey, which utilized sensitive radiation detection instrumentation mounted in an airplane, was conducted in Maywood in January 1981. The purpose of the survey was to determine the location of elevated levels of radiation over a wide geographic area and thereby identify properties that warranted further investigation. The aerial survey in this area covered approximately four square miles, including Spring Valley Road, and indicated that further investigative work on Spring Valley Road was not believed to be necessary.

The mobile gamma scan survey, performed in June 1984, utilized radiation detection instrumentation mounted in a van. By using the van, this type of survey is capable of detecting small amounts of radiation while still covering a large geographic area. The purpose of the mobile scanning van survey was to further investigate areas that were suspected to be contaminated based on either historic knowledge or the results of the aerial survey. Walkover surveys were performed on individual properties identified by either the aerial survey, the van survey, or historical information.

Because the aerial survey and the mobile gamma scan survey did not indicate the need for further investigation, a detailed survey was not performed on 194 Route 17 North during subsequent vicinity property surveys.

Mr. Shannon Gray

2

February 21, 1995

The thorium contamination that is present in the Maywood/Lodi/Rochelle Park area is the result of past manufacturing processes which were located on the property that is now owned by the Stepan Company. The vicinity properties that have been contaminated are largely a result of the southwardly-flowing Lodi Brook which originates near the Stepan property. Other vicinity properties were contaminated by the use of backfill and mulch taken from contaminated areas. The properties in the Maywood/Lodi/Rochelle Park area that have been designated as contaminated are shown on the enclosed map. As you can see, no properties have been designated for cleanup near the 194 Route 17 North property.

If you have any additional questions, please call me at (615) 576-9634 or contact Ms. Lee Woods at the Maywood Public Information Center at (201) 843-7466.

Sincerely,



Dave G. Adler, Site Manager
Former Sites Restoration Division

Enclosure

Locations of Residential Vicinity Properties

