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Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for Maywood, New Jersey



U.S. Department of Energy



138704

96-043

Department of Energy

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

January 24, 1996

Ms. Angela Carpenter
U.S. Environmental Protection Agency
Region II
290 Broadway
18th Floor
New York, New York 10007-1866

Dear Ms. Carpenter:

MAYWOOD SITE - TRANSMITTAL OF 1995 ANNUAL REPORT

Enclosed for your information is the 1995 annual report for the Maywood site, as required by Section XX(A) of the Federal Facility Agreement. If you have any questions or need additional information please contact me at (423) 576-5724.

Sincerely,

A handwritten signature in cursive script that reads "Susan M. Cange".

Susan M. Cange, Site Manager
Former Sites Restoration Division

Enclosure

**ANNUAL REPORT FOR THE MAYWOOD SITE
FEDERAL FACILITY AGREEMENT REQUIREMENT XX(A)**

Reporting Period: 1/1/95 - 12/31/95
Report Date: January 24, 1996

I. GENERAL INFORMATION

Community relations activities were a primary focus of DOE in calendar year 1995. The DOE Public Information Center received over 100 visitors and 200 phone calls during the year. In addition, three availability/information sessions, three site tours and several meetings with the Mayors of Maywood and Lodi, Maywood Council members, and representatives from the Maywood Environmental Legislative Action Committee (ELAC) were held during 1995. A total of two FUSRAP Update newsletters and three factsheets were also issued during this period.

In addition, meetings were held with each of the homeowners of the five residential properties in Lodi that were remediated in the fall of 1995.

The FUSRAP Committee of the Environmental Management Advisory Board (EMAB) met in late October to discuss and tour New Jersey FUSRAP sites. The committee toured the Maywood site as well as EPA's Montclair site. A public meeting was also held in conjunction with the meeting.

A representative of the Maywood ELAC committee visited the K-25 site in Oak Ridge, Tennessee in October to observe the soil washing field tests that were being conducted on the Maywood storage pile soils.

Representatives from DOE and Rutgers University met in December to discuss convening a Citizen Advisory Panel for the Maywood site. This panel will have broad representation and will provide advice to DOE on site activities.

II. FFA COMPLIANCE

Quarterly Reports were sent to EPA on April 25, July 20, and October 27 in accordance with Section XX(A) of the FFA. The Annual Report for 1994 was sent to EPA on January 27, 1995.

Bi-monthly project managers meetings were held on March 15, June 28, August 29, and October 30, in accordance with Section XIV(E) of the FFA.

Please be advised that Mr. James Hall is now the Manager for the Department of Energy's (DOE) Oak Ridge Operations office. As such, Mr. Hall replaces Mr. Joe La Grone as DOE's representative to the Senior Executive Committee with regard to the FFA between DOE and EPA for the Maywood site (Reference Section XV(D) of the FFA).

No FFA milestones were scheduled in 1995.

III. ON-SITE ACTIVITIES

Sampling was performed in the basements and yards of 24 residential properties in Lodi during March. The purpose of the sampling effort was to collect data needed for remedial action planning.

Up-upgrades to the MISS/Stepan railroad spur was completed in April in preparation for pile removal and vicinity property cleanups.

Pile removal activities for the Maywood spring shipping campaign began on May 1 and were completed on June 21. A total of 10,000 cubic yards of pile material was shipped to Envirocare during this period. To date, 15,000 cubic yards of soils have been shipped to Envirocare; approximately 18,000 cubic yards of pile material remain on site.

Operational studies of the VORCE soil washing equipment, using clean soils, began in May. These tests were conducted in Oak Ridge, Tennessee. In September, approximately 100 cubic yards of soil from the Maywood storage pile were shipped to Oak Ridge for testing with the VORCE equipment. The tests on the Maywood pile soils began in late October and were complete by mid-November.

Site preparation activities for cleanup of the vicinity properties began in mid-September. Work began in early October and was completed by mid-November. A total of five residential properties were remediated during this period; approximately 112 cubic yards of contaminated soils were shipped to Envirocare for disposal.

The radon/thoron and gamma detectors were changed out in January and July as part of the routine environmental surveillance program. Groundwater well inspections were conducted in August. Environmental monitoring was performed in May for direct gamma radiation, sediment, groundwater, and radon/thoron. Sediment samples were collected again in November.

Radon flux monitoring for NESHAPS compliance was performed during the months of April and November. Pile cover inspections were performed in May.

IV. ENVIRONMENTAL DOCUMENTATION

The Environmental Surveillance Technical Memorandum summarizing the results of the environmental monitoring at the Maywood site for calendar year 1994 was issued on May 31.

IV. ENVIRONMENTAL DOCUMENTATION, CONT.

The Action Memorandum for the cleanup of the Phase I vicinity properties was issued on September 18. Also issued on this date was the finalized Engineering Evaluation/Cost Analysis, including a summary of responses to public comments. These documents have been added to the administrative record file.

The NESHAPS Subpart Q report on radon flux was submitted to EPA on June 8.

The NESHAPS Subpart H report on airborne particulate data was submitted to EPA on June 26.

The Technical Memorandum documenting the results of the data gap sampling effort on the residential properties in Lodi was transmitted to EPA on October 6.

The revised Project Operations Plan for soil washing was issued to EPA and NJDEP on September 19. The Sampling and Analysis Plan was transmitted on October 12.

V. PLANNED SIGNIFICANT EVENTS

A subcontract for treating for volume reduction the remaining portion of the Maywood pile is currently being prepared and will be issued for bids in February. The request for proposal requires removal of the pile by the end of calendar year 1996, offsite treatment of the materials with none of the soils returning to the site. Award is anticipated in May if the bids are competitive with current costs for removal of the pile.

Remedial action will continue during the spring and summer of 1996 on additional residential properties in Lodi. Plans are to complete actions on seven more properties. Supplemental cleanup criteria are being proposed for the property behind Long Valley Road that abuts Interstate 80.

VI. ISSUES/RESOLUTIONS

The status of state concurrence with the DOE/EPA Statement of Position regarding the soil cleanup criteria for radionuclides is unknown. Discussions with the state are continuing.

The timing for the Record of Decision for the Maywood site is an issue that is currently under discussion between DOE and EPA.