

ALLIEDSIGNAL/PULASKI SITE, PULASKI, PULASKI COUNTY, VA

CHRONOLOGY:

General Chemical Company:

A. Purchased the property in 1904.

1. 1920: Allied Chemical and Dye Corp. Was formed by publisher Eugene Meyer and scientist William Nichols. Allied Chemical and Dye Corp. Was also known as allied Chemical Corp.
2. General Chemical Company was one of the original subsidiaries of Allied Chemical and Dye Corp. When it was formed in 1920.
3. The name, "General Chemical", was later used for a division of Allied Chemical and Dye Corp.

B. Operations: 1904-1976

1. From 1904-1968, Allied Chemical Corp. ("Allied"). Owned and operated the facility producing three products: ferrous sulfide, sulfuric acid and vanadium catalyst until 1961. After 1961, elemental sulfur was burned to produce sulfur dioxide gas which was then converted to sulfuric acid. When the costs became prohibitive for sulfuric acid production, Allied used the site for blending pesticides and herbicides.
2. In 1967, Allied discontinued production of sulfuric acid at this facility.
3. In 1968, the property was sold to Downtown East Corp. Later that same year, it was leased back to Allied.
4. From 1968-1976, Allied continued operations at the plant under a lease agreement with the site owner, Mr. H.W.Huff, president of the Downtown East Corp. ["Removal Enf. PRP Search Close-out for allied Chem. Corp", L. Richardson, 10/25/94; EPA site investigation report, 12/1/83; 1990 Polrep]
5. 4/2/76, Notice of Violation of Art 3 to J.W. Neeley, Supervisor, Industrial Chem. Div., P.O. Box Front R 883, Front Royal, VA 22630.
6. 5/12/78, letter to : DownEast, Inc. 308 N. Madison Ave., Pulaski, VA 24301, Attn.: Mr. Huff

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7. 6/26/78: letter from DownEast Ltd Partnership, stating purchase of property from Allied.

8. 3/20/80: letter from A.Dow Owens (?) for Mr. Huff to Mr. Roger Smith, Steer House Restaurant, re.: surface water run-off from the shopping center. The shopping center was originally part of the Allied property which ws sold by Mr. Huff in 1978.

9. 11/30/84: letter from VADEQ to Mr. Huff re: continuing run-off from former Allied/Pulaski facility.

10. 7/13/1983: NUS Field Trip Report: owner: H.W Huff, Downtown East Corp. (703) 980-1011; plant manager: Robt. J. Ford, Front Royal Va Works, Allied Chem. (703) 635 3121; Env. Services Div., Ed Shields, Director, Allied (202) 455 5630.

11. 1985 Mr. Huff used some of the 7 acid storage tanks to store fuel oil.

C. Site Enforcement History; EPA investigations:

1. Site inspection for Allied Corp., Dec. 1, 1983
a. The inspection was in response to complaints received by the Virginia State Water control Board of red discoloration in Peak Creek. The source was determned to be the waste pile located at the Allied site in Pulaski.

2. In a letter dated April 9, 1980, Mr. Huff informed the State "that he was excavating the disposal area and selling the material to cement plants. He also informed the State that the material could not be removed when wet". During the site investigation, however, waste piles were observed on the property.

3. In June 1990, again in response to complaints received from residents by the VA St. Water Control Board, EPA inspected the site. By-products (ash and slag) from the kiln operation were deposited in a 3-5 acre area on-site on the estern portion of the facility at the same location observed during the inspection in Dec. 1983. According to Va Waste Management, the facility did not have a permit for on-site disposal, nor did it have an NPDES permit.

4. In April 1998, Site Assessment inspected the site and observed that the waste pile ws deeply eroded; there were partially bagged piles of asbestos in one building and uncovered asbestos (transite or transvestos) in another building. Behind the kiln were piles of "doodle dust", ore used for the process or by

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products from the process. This area has a pH of 2.6 when it rains.

5. Sept. 1998, Removal Assessment by EPA. EPA was met on-site by Mr. Huff and Tim Metcalf from Allied.

6. For each inspection, Mr. Huff was the point of contact and met the EPA team at the site. He also explained the process and past operations at the site.

7. Sampling events: 1983, 1990 and Sept. 1998. At each event high levels of hazardous metals were detected in soil, and sediment.

8. March, 1999, an inspection of the buildings was performed by EPA to determine whether or not they were structurally safe or not. Again, EPA was met by Mr. Huff and Mr. Metcalf at their request.

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