

COMMONWEALTH OF PENNSYLVANIA
Environmental Resources

April 5, 1989

SUBJECT: Request for Authorization for HSCA Response Action
J. C. CLEANERS, Gettysburg Borough, Adams County
Authorization Number 3-001-003

TO: Mark M. McClellan
Deputy Secretary
Environmental Protection

FROM: Bridget Hofman, Director *Bridget Hofman*
Hazardous Sites Cleanup Program

THROUGH: Director, Office of Environmental Management
Director, Bureau of Waste Management *[Signature]*

Initial investigations of the J.C. Cleaners Site have documented a release of hazardous substances. Hazardous substances have been found in public drinking water wells supplying thousands of residents. Uncontrolled discharges have entered soils and the potable water aquifer. Additional information is attached.

Further response action is deemed appropriate pursuant to the provisions of the Hazardous Sites Cleanup Act (HSCA).

[Signature]

Concur

4/10/89

Date

Do Not Concur

_____ Date

J. C. CLEANERS

GETTYSBURG CITY, ADAMS COUNTY

HARRISBURG REGIONAL OFFICE

HSCA Staff: Noreen Chamberlain
Attorney: Beth Liss Shuman

BACKGROUND

Site is an active drycleaning establishment.

Site is located in a residential/commercial area of the city.

The establishment has been in nearly continuous operation for almost 36 years under 3 owners and 2 operators.

The Bureau of Water Quality Management discovered a perchloroethylene discharge in 1986.

The owner - operators have complied with a portion of a BWQM order which requires cessation of the discharge; however, they have not complied with the requirement to conduct additional studies based on financial inability.

RELEASE OR THREAT OF RELEASE

The area relies upon public water obtained from a groundwater aquifer supply.

Uncontrolled discharges have entered soils and the drinking water aquifer.

Groundwater contamination has affected a private water well, a public well supply system and has caused aquifer degradation. The following substances were detected:

Perchloroethylene	25,000 ug/l
Trichloroethylene	4,000 ug/l
Cis-1,2 dichloroethylene	2,600 ug/l
Trans-1,2 dichloroethylene	600 ug/l
Vinyl chloride	400 ug/l

An onsite monitoring well is contaminated with the following hazardous substances:

Perchloroethylene	29,000 ug/l
Trichloroethylene	3600 ug/l
Cis-1,2 dichloroethylene	26,000 ug/l

Substances found in a discharge to surface water are:

Chloroform	1.3 ug/l
1,2 dichloroethylene	8.0 ug/l
1,1,1 trichloroethane	1.4 ug/l
Perchloroethylene	42.0 ug/l

THREAT TO PUBLIC HEALTH OR ENVIRONMENT (ACTUAL/POTENTIAL)

The threat to groundwater is actual and documented.

PCE contamination of a public water well is actual and documented.

PCE is a class B2 carcinogen and may cause damage to the central nervous system, liver and kidneys. Inhalation and dermal exposure may cause irritations.

RESPONSE ACTION JUSTIFICATION

A funded, remedial response action is deemed appropriate in order to define the extent of contamination to the groundwater system and to define and implement permanent remedial actions.

COMMONWEALTH OF PENNSYLVANIA
Department of Environmental Resources
November 9, 1989

SUBJECT: Request for Approval, HSCA 502 Site Listing
J.C. Cleaners Site

TO: Mark M. McClellan
Deputy Secretary
Environmental Protection

FROM: Bridget Hofman, Director *Bridget Hofman*
Hazardous Sites Cleanup Program
Bureau of Waste Management

THROUGH: Director, Office of Environmental Management *John J. ...*
Director, Bureau of Waste Management *James ...*

This is a request to proceed with the HSCA 502 Listing process for the J.C. Cleaners Site. This site previously received Section 501 approval ("deeming") on April 10, 1989. The listing process will be initiated with issuance of 502(c) Notice Letters to Responsible Parties, which will start the 120 day negotiation period required pursuant to HSCA 502(c). If a settlement can not be reached to abate the problem by the end of the 120 day period, then DER will publish notice of HSCA 502 Listing in the Pennsylvania Bulletin, and proceed with a state funded study.

Mark M. McClellan

Concur

11/9/89

I Do Not Concur