

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
South Jersey Clothing Company/Garden State Cleaners - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: POLREP #4
Final
South Jersey Clothing Company/Garden State Cleaners
023R
Minotola, NJ
Latitude: 39.5212310 Longitude: -74.9482230

To: Judith Enck, ORA
Lisa Plevin, EPA-R2-ORA
John LaPadula, EPA-R2-ERRD-DD
Joe Rotola, EPA-R2-ERRD-RAB
Dan Harkay, EPA-R2-ERRD-RAB
Carole Petersen, EPA R2 ERRD
Robert McKnight, ERRD-NJRB-NNJRS
Kristin Giacalone, EPA, Reg II ERRD-NJRB-NNJRS
Clay Monroe, EPA R2 ORC
George Zachos, EPA-R2-ERRD-ACM&O
Beckett Grealish, EPA-R2-ERRD-RST
Natalie Loney, PAD-ICAB
Tim Grier, EPA-HQ, 5202G
Richard Craig, Weston-RST 2

From: Andrew Confortini/Gezahegne Bushra, OSCs

Date: 9/12/2011

Reporting Period: 9/6/11 through 9/9/11

1. Introduction

1.1 Background

Site Number:	023R	Contract Number:	EPS2-10-03
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	
Response Lead:	EPA	Incident Category:	
NPL Status:	NPL	Operable Unit:	
Mobilization Date:	7/25/2011	Start Date:	7/25/2011
Demob Date:		Completion Date:	9/9/2011
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA incident category: The Garden State Cleaners (GSC) (CERCLIS ID #: NJD053280160) (Task Order #: 0027) and the South Jersey Clothing Company (SJCC) (CERCLIS ID #: NJD980766828) (Task Order #: 0028) Superfund Sites were addressed jointly due to their proximity to one another and similar contamination. GSC was an active commercial dry cleaning facility that operated since 1969 until its closure in June 2011. In 1984, the New Jersey Department of Environmental Protection (NJDEP) conducted an investigation that detected high levels of the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and trichloroethylene (TCE) in the soils around the facility. The SJCC Site, located approximately 500 feet north of GSC Site, was once engaged in the manufacture of military uniforms. As part of the manufacturing process, assembled garments were treated by a dry cleaning unit that utilized trichloroethylene (TCE). These operations generated TCE-contaminated wastewaters and sludges that were routinely discharged onto the ground behind a process building and along the adjacent railroad tracks. In addition, a fire in 1979 may have released an estimated 275 gallons of TCE from a storage tank located on site. In 1981, various sampling efforts by the New Jersey Department of Environmental Protection (NJDEP) and the Atlantic County Department of Health and Institutions revealed significant contamination of groundwater and soils in the vicinity of the SJCC Site.

1.1.2 Site Description

1.1.2.1 Location

The 3,000-square-foot GSC and the 1.2 acre SJCC Sites are located at 802 Summer Avenue and 700 Center Avenue in Minotola section of Buena Borough respectively in Atlantic County, New Jersey. The area is a mixed residential, commercial, and light industrial area which is predominantly rural and one of New Jersey's prime agricultural areas.

1.1.2.2 Description of Threat

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA began an intensive investigation of the sites in 1989 to determine the nature and extent of contamination and to identify alternatives for cleanup of the sites. In September 1991, based on the results of the investigation, EPA signed a Record of Decision selecting the following remedy: (1) in-situ treatment of contaminated soil via the vapor extraction process; (2) extraction of groundwater with concentrations of VOCs above cleanup levels; (3) treatment of groundwater with an on-site air stripping column and carbon adsorption units; (4) reinjection of the treated water into the aquifer; and (5) long-term monitoring of groundwater. Follow up investigations indicated that the SVE system did not completely remove all of the sources of contamination. Soil contaminated with PCE and TCE remains above the cleanup criteria at the GSC and SJCC properties respectively. As a result, the Record of Decision was amended in September 2010. The amended remedy includes: acquisition and demolition of the Garden State Cleaners building, excavation of the contaminated soil, in-situ treatment of soil that can not be practicably excavated. On November 2010, the Remedial Program requested that the Removal Program implement the scope of work detailed in the amended ROD.

2.1.2 Response Actions to Date

During this reporting period, EPA's Emergency Response and Removal Services (ERRS) Contractor accomplished the following activities.

- ERRS Contractor loaded approximately 361 tons of F-listed soil from South Jersey Clothing into 15 dumptrailers for transportation to CWM-Model City in New York for disposal.
- ERRS Contractor graded and prepared the affected areas of the South Jersey Clothing property for application of hydroseeding mix.
- ERRS Contractor loaded approximately 620 tons of F-listed soil from Garden State Cleaners into 26 dumptrailers for transportation to CWM-Model City in New York for disposal.
- ERRS Contractor graded and prepared the Garden State Cleaners and adjacent affected property for application of hydroseeding mix.
- ERRS Contractor loaded five 55-gal drums and 2 5-gal DOT pails of waste materials for transportation and disposal.
- ERRS Contractor graded the stone areas at the Garden State Cleaners which was accessed by dumptrailers to the loading spot.
- A subcontractor mobilized to both the South Jersey Clothing and Garden State Cleaners project locations applied a hydroseeding mix followed by 2" of hay cover.
- On 09/09/11 all operations at both GSC and SJCC sites were completed and the ERRS personnel and equipments were demobilized.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Unit</i>	<i>Recycle</i>	<i>Treatment</i>	<i>Disposal</i>
Building debris (GSC)	Solid	4	40 cubic yard			X
Concrete debris (GSC)	Solid	6	20 cubic yard	X		
Scrap metals (GSC)	Solid	2	20 cubic yard	X		
Soil (GSC)	Solid	620	ton			X

Soil (SJCC)	Solid	361	ton			X
Other Waste	Liquid	5	55 gallon		X	
Other Waste	Liquid	2	5 gallon		X	

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

2.2.2 Issues

None.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

Costs To Date

	Garden State Cleaners		South Jersey Clothing Co.	
	Budgeted	Total To Date	Budgeted	Total To Date
ERRS	\$371,000.00	\$221,713.88	\$317,000.00	\$132,649.58
RST 2	\$50,000.00	\$23,324.07	\$25,000.00	\$15,782.56

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

Closed

3.2 Cooperating Agencies

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.