

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Wolff-Alport Chemical Company Radiological Site RV1 - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: POLREP #1
Wolff Alport Initial PolRep
Wolff-Alport Chemical Company Radiological Site RV1
A282
Ridgewood, NY
Latitude: 40.6923130 Longitude: -73.9025100

To: Mary Mears, USEPA, Region 2, PAD
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From: Eric M. Daly, On-Scene Coordinator

Date: 10/25/2012

Reporting Period: 08/31/12 thru 10/25/12

1. Introduction

1.1 Background

Site Number:	A282	Contract Number:	EP-S2-10-01
D.O. Number:	0057	Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/23/2012	Start Date:	9/27/2012
Demob Date:		Completion Date:	
CERCLIS ID:	NYC200400810	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Short Term Time Critical Response

1.1.2 Site Description

The original building was subdivided and currently, the site contains several buildings that have been divided into several businesses. The total land area covers 0.75 acres bound by Irving Avenue on the southwest, and Cooper Avenue on the northwest. At one time, a railroad spur extended to the rear of the buildings; now there is an active rail line adjacent to the site within 125 feet. The spur area is presently unpaved and vegetated. The rear of these buildings is partially fenced, mostly overgrown with vegetation, and is used for storage of construction equipment and a couple of small boats. The surrounding neighborhood contains light industry, commercial businesses and residences.

The businesses at the site include a delicatessen and grocery store (1125 Irving Avenue), office space and unoccupied residential apartments with an attached building housing a tire shop (1125 Irving Avenue) and mini-ATV shop; a building with an auto body shop (15-14 Cooper Avenue) and office space; two buildings used for warehouse purposes (1133-1139 Irving Avenue and 1129 Irving Avenue); and a commercial building with an auto repair shop (1127 Irving Avenue).

1.1.2.1 Location

The Site is located at 1127-1129 Irving Avenue, in Ridgewood, New York located on the Brooklyn/Queens border.

1.1.2.2 Description of Threat

The Site contains active businesses that operate within structures formerly used by Wolff-Alport, a processor of materials that contained radioactive properties. The presence of radioactivity has been documented within and underneath the identified buildings, in the soil at the rear of the structures along a former rail spur, underneath the sidewalk along Irving Avenue in front of the former Wolff Alport building. Persons that work in or access the buildings at the Site or traverse the public sidewalk in front of the Site or trespass the rear portion of the Site will be exposed to ionizing radiation by passing over or coming into contact with these impacted areas. The area around the Site is, in part, residential in nature. A deli/grocery

store on the corner of Irving and Cooper Avenues may tend to increase the number of persons that access the sidewalk in front of the Site. The railroad spur behind the building appears to be an area that is accessed by people. Any excavation conducted at the Site, including on Irving Avenue, could result in increased direct gamma radiation exposures to persons working or walking in and around the disturbed area.

Surveys conducted at the Site indicate that elevated levels of radioactivity are present within one foot of the surface at the rear of the Site on the former rail spur. The area consists of bare soil overgrown with weeds. Although the parcel on which the former rail strip is reportedly considered abandoned and current ownership is questionable, the parcel is used to store heavy machinery, crane equipment and, on occasion, vehicles. As a result, the radioactive contamination can be spread offsite under this scenario and potentially be available for inhalation as a particulate since the streets near the Site sustain a significant amount of vehicular movement. Any excavation conducted at the Site, including on Irving Avenue, could result in an increased chance of contaminant migration, both directly on the roadway and through an airborne pathway, which could impact persons near the Site.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Site Planning and Assessment Activities:

August 31, 2012: NYS DEC/ NYS DOH Referral received by Walter Mugdan, USEPA, ERRD Director.

September 05, 2012: First biweekly inter-agency phone conference

Participants:

United States Environmental Protection Agency (US EPA)
Agency for Toxic Substances and Disease Registry (ATSDR)
United States Department of Energy (US DOE)
New York State Department of Conservation (NYS DEC)
New York State Department of Health (NYS DOH)
New York City Department of Health and Mental Hygiene (NYC DOHMH)
New York City Department of Environmental Protection (NYC DEP)

September 19, 2012: Biweekly inter-agency phone conference.

September 20, 2012: OSC mailed out property access agreements in coordination with EPA ORC and EPA RAB Enforcement Team:

- Arctic Glacier (Block 3725/Lot 42-Businesses: Primo #2 and Terra Nova)
- LPL (Block 3725/Lot 44-Business: Primo #1)
- Department of Education (Block 3442/Lot 1-Business: IS 384 school)
- Naftali Steinmetz (Block/Lot-Business: Audrey Johnson Daycare)
- David Weiss (Block 3725/Lot 46-Business: Jarabacoa Deli)

September 21, 2012: OSC mailed out property access agreements:

- AFG (Block 3725/Lot 31-Business: Railroad Spur)

September 24, 2012: Arctic Glacier (Primo #2/Terra Nova) signs access agreement.

September 25, 2012: ERRD Director issues verbal funding in the amount of \$320,000 of which \$250,000 is

September 26, 2012: Wolff Alport Technical Workgroup held a phone conference to discuss shielding and possible shielding alternative.

September 27, 2012: Wolff Alport Property Owner/Business Operator/Worker Meeting

September 27, 2012: KEMRON Task Order Issued

October 03, 2012: Biweekly inter-agency phone conference.

October 09, 2012: Weston TDD processed for response action and Spanish interpreter.

October 10, 2012: Elected Official Information Session held.

October 10, 2012: Public Information Session held.

October 11, 2012: Naftali Steinmetz (Audrey Johnson Daycare) signs access agreement.

October 12, 2012: Action Memo short version draft submitted to RPB/RAB management.

October 16, 2012: EPA OSCs obtain concrete slab for shielding pilot study.

October 17, 2012: Community Board #4 Meeting held.

October 17, 2012: Biweekly inter-agency phone conference.

October 18, 2012: EPA OSCs obtain steel plates for shielding pilot study.

October 18, 2012: NYC Department of Education (IS 384 School) signs access agreement.

October 22, 2012: Lenny Piccolo (Primo #1) signs access agreement.

October 22, 2012: OSCs meet with Arctic Glacier Representatives (George Geanacopoulos, Lenny Piccolo, Iggy) to verify boundaries described in deeds/tax maps of Lots 42 and 44. It was confirmed that Primo #2 and Terra Nova are on Lot 42. Primo #1 is on Lot 44 (LPL). OSCs meet with Boro Cabinet Representatives (Cohen Brothers). OSCs request EPA Civil Investigator Team (Coakley/Savino) regarding Lot 31 ownership and abandoned vehicle (2 boats/1car) ownership.

2.1.2 Response Actions to Date

October 23, 2012: EPA OSC meet ERRS on-site. (Mobilization date)

October 24, 2012: EPA OSCs, EPA RIAB, NYC DOHMH, KEMRON, and Weston conducted shielding pilot study at the most elevated radiation levels along Irving Avenue Sidewalk in front of Lot 42 and 44 (Primo Auto Body Bays #1/ #2 and Terra Nova). Shielding study was also conducted inside of Primo Auto #2 Bay. The team also surveyed the sidewalk along Irving Avenue and delineated elevated radiation levels. The area was marked out with pink spray paint (NYC Color Code for survey work). OSC handed written access agreement to Boro Cabinet.

October 25-26, 2012: EPA OSCs, EPA RIAB, NYC DOHMH, KEMRON, and Weston tamp down foliage on Lot 31, stack debris, and conduct gross radiation survey to identify hot spots. Crane Company (Auringer) was contacted in person to remove remaining metal plates on Lot 31.

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

The Wolff-Alport Chemical Company is the responsible party but this company went out of business in the 1950's.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

October 31, 2012: Biweekly inter-agency phone conference.

November 04, 2012: EPA OSCs, EPA RIAB, NYC DOHMH, KEMRON, and Weston scheduled to delineate elevated radiation levels and mark out at Primo #1.

November 10, 2012: EPA OSCs, EPA RIAB, NYC DOHMH, KEMRON, and Weston scheduled to delineate elevated radiation levels and mark out at Terra Nova.

November 14, 2012: Community Board #5 Meeting scheduled at Middle Village, Queens.

ERRS researching subcontracts for property surveyor and fencing company.

Radon survey planning ongoing for the IS-384 School, Audrey Johnson Daycare, and Jarabacoa Deli. Start date depends on weather (colder temperatures and consistent HVAC system running is the optimum condition).

2.2.1.1 Planned Response Activities

October 26, 2012: OSC and ERRS to continue clearing the foliage on Lot 31. Relocate vehicles in more organized fashion on the Lot. OSC scheduled to meet with Boro Cabinet Owners (Lot 30). A copy of their 2007 property survey was requested. OSC will discuss Lot cleanup and fence erection.

2.2.1.2 Next Steps

Develop shielding work plan based on October 24, 2012 delineation and shielding pilot study.

Develop radon survey plan.

Schedule date for delineation and mark out at Primo #2.

2.2.2 Issues

The owner of Lot 31 has yet to be identified.

The access agreement for Lot 46 (Jarabacoa Deli) has yet to be received.

Abandoned vehicles (two boats and one car) need to be removed from Lot 31.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

On September 25, 2012 authorization was granted by the Director of the Emergency and Remedial Response Division. A total project ceiling of \$350,000 was authorized, of which \$250,000 was for mitigation

contracting.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$250,000.00	\$0.00	\$250,000.00	100.00%
TAT/START	\$44,000.00	\$0.00	\$44,000.00	100.00%
Intramural Costs				
USEPA - Direct	\$56,000.00	\$0.00	\$56,000.00	100.00%
Total Site Costs				
	\$350,000.00	\$0.00	\$350,000.00	100.00%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

Agency for Toxic Substances and Disease Registry (ATSDR)
United States Department of Energy (US DOE)
New York State Department of Conservation (NYS DEC)
New York State Department of Health (NYS DOH)
New York City Department of Health and Mental Hygiene (NYC DOHMH)
New York City Department of Environmental Protection (NYC DEP)

4. Personnel On Site

OSC Daly
OSC Ferriola
ERRS-1 RM and 1 Operator
Weston-1 Technician

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.