

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Riverside Avenue Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: POLREP #24
Riverside Avenue Site
02PC
Newark, NJ
Latitude: 40.7670135 Longitude: -74.1593681

To: Benjamin Tuxhorn, USCG-AST
Andrew Raddant, Department of Interior
Dave Sweeney, NJDEP
David Isabel, Golub & Isabel
Danielle Torok, City of Newark
Fred Mumford, NJDEP

From: Eric M. Daly, On-Scene Coordinator
Date: 7/25/2014
Reporting Period: 06/28/14 thru 07/25/14

1. Introduction

1.1 Background

Site Number:	02PC	Contract Number:	EP-S2-10-01
D.O. Number:	0038	Action Memo Date:	8/23/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/17/2011	Start Date:	10/17/2011
Demob Date:		Completion Date:	
CERCLIS ID:	NJSFN0204232	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Time-Critical CERCLA Removal Action

1.1.2 Site Description

The Riverside Avenue Site is an abandoned industrial facility on the banks of the Passaic River. Since the early 1900s the Site had been used for many businesses, including a paint manufacturer, a packaging company, and a chemical warehouse. It consists of two abandoned buildings on approximately two acres. The property is owned by the City of Newark and was acquired in tax foreclosure proceedings.

1.1.2.1 Location

29 Riverside Avenue, Newark, Essex County, New Jersey, between the Passaic River and Mearter Highway.

1.1.2.2 Description of Threat

Ten abandoned 12,000-15,000 gallon USTs containing hazardous wastes have been identified on the property. Approximately 100 3,000 -10,000 gallon ASTs have been identified in the buildings, many of which have been sampled for hazardous materials. Two tanks containing an oily wastes have been identified in the basement of one of the buildings. A number of 55-gallon drums and smaller containers have been observed in the buildings. In addition, there are a number of sumps that may contain hazardous substances.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

The preliminary assessment was completed in 2010. Two basement tanks in one building and the sumps of the other building have been sampled for hazardous waste characterization. See Documents Section for results of the site assessment sampling/analytical.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Current Response Activities

On June 28 thru July 25, 2014 OSC Daly, OSC Kahn, OSC Lucarino and KEMRON Crew (Response Manager, FCA, two Operators, one Chemical Technician, one Cleanup Technician/Operator, one Industrial Hygienist and one Cleanup Technician) working at site. Activities included:

- KEMRON continues to transfer of hazardous liquid from Building #7 basement vaults to Frac Tanks.
- Sludge removal started on 06/13/14 in Building #7 Basement Vault #2 (Side closest to Building #12/West Side) and continued through this date range. The crew and staff will continue to work in Level B PPE during this operation. Crew is encountering liquid, sludge, solid and crystalized material.
- MultiRae VOC Readings range from 0 ppm to 79 ppm in the hot zone depending on sludge/liquid agitation.
- Sludge has been removed and relocated for solidification from three of the five Frac tanks. Three Tanks were cleaned and demobed from the site. The two remaining Frac Tanks will be used for collecting and staging the remaining liquid during the removal. One Frac Tank will be used to receive the liquid. Once settled, the liquid will be filtered and transferred to the second Frac Tank. This lowers the solid material in the liquid and lessen the costs for disposal.
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- On 07/10/14, KEMRON personnel walked into the command post trailer to find signs of forced entry. One window was broken and several electronic items were stolen. This occurred overnight while armed security was on duty. Incident reported to police and police visited the site. Extra security precautions have been implemented including installation of button checkpoints which identify the locations to be visited during security guard patrols, to identify the officer performing the patrol and to note any incidents or observations. The steps were installed in Vault #2.
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- On 07/14/14, KEMRON Industrial hygienist visited site in order to finalize health and safety aspects of work plan to enter the vaults to retrieve remaining liquid and solid materials.
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- 07/15/14, KEMRON personnel make entry into Vault #2. Drum pump being used to remove product at very slow rate. Jim Daloia (EPA ERRD-RPB Emergency Section Chief) visited the site.
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- On 07/21/14, vac truck mobilized on site for waste removal from vaults. This material is then transported to roll off container for solidification. Once solidified, the solid material is being transferred to a shipping container.
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- On 07/23/14, a KEMRON worker noticed his cell phone was missing from his work truck. Five to six vehicles are parked in this area right next to the command post. The facility is enclosed by a fence. After checking potential locations for the phone and further investigation of his vehicle, it was determined that the cell phone was stolen. The theft was reported to Newark Police non-emergency. Around 3:20 PM, a suspicious individual was observed looking into the window of another parked vehicle. The individual was approached by KEMRON staff as the suspect immediately attempted to flee the scene. OSC Daly called 911 as the suspect was being confronted. The suspect then proceeded to squeeze between two pieces of fencing to escape. The suspect threatened to return and fled along the railroad tracks towards Riverside Avenue & Chester Avenue. OSC and KEMRON Response Manager drove the GOV to the area where the suspect would likely resurface and awaited police. A Newark Police Officer took the report concerning the theft. The items stolen besides the cell phone included three GPS units and a gold necklace. Other neighborhood facilities were hit by this thief as well and one facility had video surveillance capturing the image of the suspect.
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- 11,800 gallons of liquid waste and 88,000 pounds of solid waste was transported to the approved disposal facilities during this time period.
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- On 07/22/14, sample analytical results for solids found in tunnel between Building #7 and Building #12 were received. The material is not hazardous and therefore no further action is required.
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- On 07/25/14, Newark Police notified KEMRON that the suspects in the theft was apprehended.

Waste Generation Report US EPA Region 2 ERRS Riverside Avenue Site							
ERRS Contract EP-S2-10-01							
Task Order: 0038							
Manifest	Date					Method of	
Number	Shipped	QTY	Units	Waste Description	Waste Code	Disposal	Disposal Facility
				Non-RCRA, Non-DOT Petroleum		Treat and	Clean Waters of
1837 UST1-002	12/19/2011	6396	Gallons	Contaminated Water	None	Discharge	New York
				Non-RCRA, Non-DOT Petroleum		Treat and	Clean Waters of
1838 UST1	12/19/2011	5989	Gallons	Contaminated Water	None	Discharge	New York
				Non-RCRA, Non-DOT Petroleum		Treat and	Clean Waters of
1838 UST2-001	12/20/2011	6068	Gallons	Contaminated Water	None	Discharge	New York
				Non-RCRA, Non-			

				DOT Petroleum		Treat and	Clean Waters of
1838-UST2-002	12/20/2011	6396	Gallons	Contaminated Water	None	Discharge	New York
				Non-RCRA, Non-DOT Petroleum		Treat and	Clean Waters of
1838-UST3-001	12/20/2011	6396	Gallons	Contaminated Water	None	Discharge	New York
				Non-RCRA, Non-DOT Petroleum		Treat and	Clean Waters of
1838-UST5-001	12/21/2011	5816	Gallons	Contaminated Water	None	Discharge	New York
				Non-RCRA, Non-DOT Petroleum		Treat and	Clean Waters of
1838-UST5	1/13/2012	5865	Gallons	Contaminated Water	None	Discharge	New York
				Non-RCRA, Non-DOT Petroleum		Treat and	Clean Waters of
1838-UST-005	1/13/2012	5457	Gallons	Contaminated Water	None	Discharge	New York
				Non-RCRA, Non-DOT Petroleum		Treat and	Clean Waters of
JOB-113822	3/27/2012	6065	Gallons	Contaminated Water	None	Discharge	New York
				RQ, NA2212, Asbestos, 9, III {PPE & Bagged Debris}			Cumberland
1838-01-21312	2/13/2012	5.94	Tons		None	Landfill	County Landfill
				UN1993, Flammable Liquids, N.O.S. (Benzene, Tetrachloroethylene), 3, PG III	D001, D018, D022, D036	Treat and	Bridgeport United
009522336JJK	3/22/2012	5000	Gallons			Discharge	Recycling
				UN1993, Flammable Liquids, N.O.S. (Benzene, Tetrachloroethylene), 3, PG III	D001, D018, D022, D037	Treat and	Bridgeport United
009522338JJK	3/26/2012	5250	Gallons			Discharge	Recycling
					D001, D018, D022, D038	Treat and	Bridgeport United
009522339JJK	3/28/2012	5200	Gallons			Discharge	Recycling
				UN1993, Flammable Liquids, N.O.S. (Benzene, Tetrachloroethylene), 3, PG III	D001, D018, D022, D039	Treat and	Bridgeport United
009522340JJK	3/29/2012	5000	Gallons			Discharge	Recycling
				Non-DOT, Non-RCRA Regulated		Treat and	
94796	4/10/2012	6200	Gallons	Liquid (Water)	None	Discharge	
				Non-DOT, Non-RCRA Regulated		Treat and	Environmental
94795	4/10/2012	6150	Gallons	Liquid (Water)	None	Discharge	Recovery Corporation
				Non-DOT, Non-RCRA Regulated		Treat and	Environmental
							Recovery

94738	4/11/2012	6100	Gallons	Liquid (Water)	None	Discharge	Corporation
				Non-DOT, Non-RCRA Regulated		Treat and	
94798	4/11/2012	5200	Gallons	Liquid (Water)	None	Discharge	
				Non-DOT, Non-RCRA Regulated		Treat and	
94799	4/12/2012	6040	Gallons	Liquid (Water)	None	Discharge	
				Non-DOT, Non-RCRA Regulated		Treat and	
94800	4/12/2012	6000	Gallons	Liquid (Water)	None	Discharge	
				Non-DOT, Non-RCRA Regulated		Treat and	
94803	4/13/2012	6120	Gallons	Liquid (Water)	None	Discharge	
				NA3082, Hazardous Waste, Liquid, N.O.S. (Benzene), 9, PG III		Treat and	Bridgeport United
009955035JJK	4/10/2012	4600	Gallons		D018	Discharge	Recycling
				Non-RCRA, Non-DOT Regulated			Cumberland
1838-0741	4/18/2012	21.53	Tons	Solid, N.O.S. (Soil)	None	Landfill	County Landfill
				Non-RCRA, Non-DOT Regulated			Cumberland
1838-0611	4/18/2012	17.88	Tons	Solid, N.O.S. (Soil)	None	Landfill	County Landfill
				Non-RCRA, Non-DOT Regulated			Cumberland
1838-9609	4/19/2012	23.22	Tons	Solid, N.O.S. (Soil)	None	Landfill	County Landfill
				Non-RCRA, Non-DOT Regulated			Cumberland
1838-0074	4/19/2012	20.14	Tons	Solid, N.O.S. (Soil)	None	Landfill	County Landfill
				Non-RCRA, Non-DOT Regulated			Cumberland
1838-00135	4/20/2012	16.27	Tons	Solid, N.O.S. (Soil)	None	Landfill	County Landfill
				Non-RCRA, Non-DOT Regulated			Cumberland
1838-9911	4/20/2012	14.1	Tons	Solid, N.O.S. (Soil)	None	Landfill	County Landfill
				Non-RCRA, Non-DOT Regulated		Treat and	
1838-FT401	4/27/2012	5987	Gallons	Liquid, N.O.S. (Water)	None	Discharge	
				Non-RCRA, Non-DOT Regulated		Treat and	Environmental Recovery Corporation
1838-FT402	4/27/2012	6097	Gallons	Liquid, N.O.S. (Water)	None	Discharge	
				Non-RCRA, Non-DOT Regulated		Treat and	
1838-FT403	5/1/2012	3300	Gallons	Liquid, N.O.S. (Water)	None	Discharge	
				Non-RCRA, Non-DOT Regulated		Treat and	
1838-FT404	5/1/2012	4000	Gallons	Liquid, N.O.S. (Water)	None	Discharge	
					D001, D018, D022, D039		
009593421JJK	5/2/2012	9	Drums			Incineration	Ross Incineration

				RQ, UN1993, Waste Flammable Liquid, N.O.S., 3, III (Diesel, Gasoline)	D001, D018, D008		
009593421JJJ	5/2/2012	23	Drums			Fuels Blending	Systech
				Non RCRA, Non DOT Regulated Material (Spent Carbon)			Republic Lorain
009593421JJJ	5/2/2012	5	Drums		None	Landfill	County Landfill
				Non RCRA, Non DOT Regulated Material (Tank Solids)			Republic Lorain
009593421JJJ	5/2/2012	15	Drums		None	Landfill	County Landfill
				Non RCRA, Non DOT Regulated Material (Tank Solids)			Republic Lorain
009593421JJJ	5/2/2012	1	Drums		None	Landfill	County Landfill
				Non RCRA, Non DOT Regulated Material (Tank Liquids)			Republic Lorain
009593421JJJ	5/2/2012	14	Drums		None	Landfill	County Landfill
				Non RCRA, Non DOT Regulated Material (Drill Cuttings)			Republic Lorain
009593421JJJ	5/2/2012	5	Drums		None	Landfill	County Landfill
				RQ, NA2212, Asbestos, 9, III {PPE & Bagged Debris}			Cumberland
1838-02	5/8/2012	10	Tons		None	Landfill	County Landfill
14001	6/4/2014	6396	Gallons		None		Clean Waters
14002	6/4/2014	6396	Gallons		None		Clean Waters
14003	6/4/2014	5526	Gallons		None		Clean Waters
					D019, D023, D026, D039		
012264610JJJ	6/16/2014	5,160	Gallons				Tradebe
					D019, D023, D026, D039		
012264611JJJ	6/17/2014	5,850	Gallons				Tradebe
					D019, D023, D026, D039		
012264612JJJ	6/18/2014	5,312	Gallons				Tradebe
					D019, D023, D026, D039		
012264613JJJ	6/18/2014	5,285	Gallons				Tradebe
					D019, D023, D026, D039		
012264614JJJ	6/19/2014	5,360	Gallons				Tradebe
					D019, D023, D026, D039		
012264728JJJ	6/19/2014	5,360	Gallons				Tradebe
					D019, D023, D026, D039		
012264729JJJ	6/20/2014	5,475	Gallons				Tradebe

001CE	7/21/2014	6,500	Gallons	None	Environmental Recovery Corporation
002CE	7/22/2014	5,300	Gallons	None	Environmental Recovery Corporation
012264825JJJ	7/24/2014	44,000	Pounds	D039	Heritage WTI
012264826JJJ	7/24/2014	44,000	Pounds	D039	Heritage WTI

2.2 Planning Section

2.2.1 Anticipated Activities

Begin entry into Vault #1 and remove remaining liquid, sludge and solid material via vac truck. Begin pressure washing and final cleaning of Vault #2.

2.2.1.1 Planned Response Activities

The assessment, removal and disposal of hazardous liquid, sludge and solids from Building #7 Basement Vault areas.

2.2.1.2 Next Steps

Continue to remove sludge from Building #7 Basement Vault #2, solidify and stage for disposal. Continue to transfer liquid from Building #7 Basement Vaults into the frac tanks. Continue to schedule transportation of liquid waste and solid waste for disposal. Cooperate with Newark Police Theft Investigation.

2.2.2 Issues

None

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

n/a

3.2 Cooperating Agencies

USCG
NJ Division of Criminal Justice
City of Newark OEM
City of Newark Fire Department
NJDEP

4. Personnel On Site

USEPA

OSC Daly

KEMRON

1-Response Manager
1-Field Accountant
1-T&D Coordinator/Chemist (Off-Site hours authorized)
2-Operators
1-Cleanup Technician
1-Cleanup/Operator Technicians
1-Chem. 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.