

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Detroit Tubular Rivet - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #2
Final
Detroit Tubular Rivet
C5C7
Wyandotte, MI
Latitude: 42.1916080 Longitude: -83.1683030

To: Heriberto Leon, U.S. EPA
Joseph DeGrazia, MDEQ

From: Brian Kelly, OSC

Date: 7/2/2012

Reporting Period:

1. Introduction

1.1 Background

Site Number:	C5C7	Contract Number:	
D.O. Number:		Action Memo Date:	4/10/2012
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	5/21/2012	Start Date:	5/21/2012
Demob Date:	6/20/2012	Completion Date:	7/2/2012
CERCLIS ID:	MIN000510694	RCRIS ID:	
ERNS No.:		State Notification:	Yes
FPN#:		Reimbursable Account #:	

Incident Category

Fund Lead Time-Critical Removal

Site Description and Location

The site is located at 1213 Grove Street, Wyandotte, Michigan, 48192. The current owner is the bankrupt Detroit Tubular Rivet Inc. (DTR). DTR manufactured bolts, nuts, rivets and washers, specializing in metal rivets (NAICS 332722), and operated zinc and brass electroplating services, from 1954 until filing for Chapter 11 bankruptcy on December 17, 2010, file number 10-77682, in the US Bankruptcy Court, Detroit, Michigan.

Preliminary Removal Assessment/Removal Site Inspection Results

On January 20, 2012, Michigan Department of Environmental Quality (MDEQ) requested EPA assistance in cleanup of the site. MDEQ included in its referral to EPA a January 12, 2012, Violation Notice sent to DTR that listed 16 hazardous and liquid industrial waste violations including failure to perform the following: minimize the possibility of fire, explosion, or release of hazardous waste which could threaten human health and/or the environment; maintain containers of hazardous waste in good condition; maintain closed hazardous waste containers except when adding or removing waste; and manage waste in a manner that prevents the discharge of liquid industrial waste into the soil, surface water, groundwater, or a drain or sewer. DTR's response to the Violation Notice stated, "DTR will not be able to address your violations; I am jobless with no money to pay for disposal."

On January 30, 2012, EPA conducted a site assessment, which documented the site as abandoned with more than 300 drums, totes, and containers. Operations at the site ceased in August 2011, when nearly all equipment was sold off at auction. Only chemicals and a few pieces of equipment associated with the site were still present during the site assessment. The remaining 300 plus containers are stored in 11 areas of the site, which includes 100 steel, polyethylene (poly) and fiber drums. Some of the drums show signs of deterioration, damage, or possible leaking, and seven drums were found labeled as containing sodium or copper cyanide. EPA collected representative samples from two blue poly drums and one steel drum that showed drums DTR-WL02-013012 and DTR-WL03-013012 contain liquids with a pH of less than 1 standard unit (SU), which according to regulations at 40 CFR 261.22, makes the waste hazardous for characteristics of corrosivity. Solid samples taken from a steel roll-off dumpster and a fiber drum showed DTR-WSOI-013012 and DTR-WS02-013012 contain cyanide, which is a listed hazardous substance under 40 CFR 302.4. The site assessment documented five drums labeled as Hazardous Waste - Methylene Chloride,

which is a hazardous waste under 40 CFR 261.31.

2. Current Activities

2.1 Operations Section

Response Actions to Date

On May 2, 2012, EPA held a public meeting to discuss cleanup work with area residents. The meeting was held at the Department of Public Service Building, 4201 13th Street, Wyandotte, Michigan. The meeting was announced during a Wyandotte City Council Meeting on April 30, through a mailer sent to residents within half a mile of the site, and in an advertisement listed in the News Herald.

Between May 21 and June 20, 2012, EPA secured, sampled, segregated, and arranged for the off-site disposal of drums and containers of waste; vacuumed and cleaned the plating trenches in the southwest corner of the building; and dismantled and sent for disposal the overhead ventilation system, which had been caked with caustic residue.

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

General notice of liability and requests for information were sent to the three owners of DTR.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Disposal</i>
Oil & Water (waste codes 021L and 029L)	Liquid	4,800 gallons	010348988JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Bulk Oily Solids	Solid	30 cubic yards	061312-1	WM Woodland Meadows RDF 5900 Hannan Rd. Wayne, MI, 48184
Bulk Caustic Solids	Solid	30 cubic yards	061112-1	WM Woodland Meadows RDF 5900 Hannan Rd. Wayne, MI, 48184
Inorganic Acids (D002 and D007)	Liquid	2,000 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Chromic Acid (D002 and D007)	Liquid	800 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Alkaline Liquids (D002)	Liquid	800 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Sodium Hypochlorite (D001 and D002)	Liquid	1,200 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Methylene Chloride (U080)	Solid	2,400 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI,

				48211
Lab Packs LP-1 (D001 and D002)	Solid/Liquid	150 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Lab Packs LP-2 (D001 and D011)	Solid/Liquid	150 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Lab Packs LP-3,4,5,6 (D002)	Solid/Liquid	600 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Lab Packs LP-7,8,9,10,11 (D007, D002, D006)	Solid/Liquid	700 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Lab Packs LP-12,13,14,15,16,25 (D001)	Solid/Liquid	900 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Lab Packs LP-19 (D002)	Solid/Liquid	150 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Lab Packs LP-17,18,20,23,24 (029L)	Solid/Liquid	750 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Non Regulated Liquids (029L)	Liquid	4,000 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Non Regulated Liquids (029L)	Liquid	2,200 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Inorganic Acids (D002 and D007)	Solid/Liquid	800 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Methylene Chloride (U080)	Solid/Liquid	800 lbs	002849378JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
				EQ Detroit, Inc

Non Regulated Material (029L)	Solid/Liquid	800 lbs	002849378JJK	1923 Frederick Detroit, MI, 48211
Non Regulated Liquids	Liquid	275 lbs	002849377JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Bulk Cyanide Solids (P121, D003, P106)	Solid	750 lbs	002849377JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Lab Pack LP-21 (D003, P106)	Solid	10 lbs	002849377JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Lab Pack LP-22 (D003, P106)	Solid	10 lbs	002849377JJK	EQ Detroit, Inc 1923 Frederick Detroit, MI, 48211
Filter Cake (F006)	Solid	5,600 lbs	002849377JJK	Michigan Disposal WTP 49350 N I-94 Service Dr Belleville, MI, 48111

R5 Priorities Summary	
Miles of river systems cleaned and/or restored	0
Cubic yards of contaminated sediments removed and/or capped	0
Gallons of oil/water recovered	7,000
Acres of soil/sediment cleaned up in floodplains and riverbanks	0
Acres Protected	3
Number of contaminated residential yards cleaned up	0
Human Health Exposures Avoided	200
Number of workers on site	7
Contaminant(s) of Concern	
F006, D001, D002, D003, D006, D007, D011, P106, P121, U080, 021L, 029L	

2.2 Planning Section

Anticipated Activities

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

No information available at this time.

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.