

**United States Environmental Protection Agency**  
**Region V**  
**POLLUTION REPORT**

**Date:** Friday, October 31, 2008

**From:** Brian Kelly

**To:** David Novak, U.S. EPA

**Subject:** Final Polrep

ChemServe

9505 Copland St, Detroit, MI

Latitude: 42.2889000

Longitude: -83.1302000

<b>POLREP No.:</b>	7	<b>Site #:</b>	B5ME
<b>Reporting Period:</b>	9-19-08 thru 10-17-08	<b>D.O. #:</b>	
<b>Start Date:</b>	4/3/2008	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	4/21/2008	<b>Response Type:</b>	Time-Critical
<b>Demob Date:</b>	10/18/2008	<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>	10/28/2008	<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>	MIN000510244	<b>Contract #</b>	
<b>RCRIS ID #:</b>			

#### **Site Description**

ChemServe was a manufacturer of dyes, soaps, drain cleaner, and conditioner. It was also believed to have stored off specification chemicals and wastes. Between 2005 and 2007, Michigan DEQ issued six Notices of Violation. In October and November 2007, EPA, Michigan DEQ, and City of Detroit Fire Department conducted two site visits which documented 1000s of drums and small containers unlabeled, mislabeled, and in various stages of leaking and rupturing.

On March 11, 2008, Michigan Department of Community Health issued an imminent and substantial hazard finding. On March 26, 2008, Michigan DEQ, with assistance from the Michigan Attorney General's office, issued an imminent hazard order (closing the facility).

Between March 27 and April 1, 2008, EPA issued a Unilateral Administrative Order for cleanup, Michigan Department of Labor and Economic Growth issued citations for occupational safety and health violations, and the City of Detroit revoked ChemServe's operations permit.

#### **Current Activities**

The removal is complete.

Between April 3, 2008 and October 18, 2008, U.S. EPA completed the removal and disposal of 3,825 drums and 5,000 small containers. Once properly hazcat'ed, sorted, and bulked, the disposal included 21,079 gallons of lean fuels, 6,350 gallons of base liquids, 3,800 gallons of acidic liquids, 9,650 gallons of flammable liquids, 165 gallons of liquid alkylbenzene sulfonate, 9 tons of caustic soda, 9,600 pounds of sodium hydrogendifluoride, 1,500 pounds of ammonium hydrogendifluoride, 2,000 pounds of sodium nitrite and 4,000 pounds of sodium fluoride (See Disposition of Waste Summary for complete details).

As requested by citizens during the public meeting, U.S. EPA sampled the adjacent Delray Memorial Field on September 25, 2008. A health assessment completed on November 4, 2008, recommended no further action. The results and health assessment have been forwarded to the Detroit Health Department.

On October 9, 2008, U.S. EPA held a final meeting with Michigan DEQ, Wayne County, and Detroit Fire Department. Also held was a media briefing announcing completion of the project.

On October 28, 2008, a Reuse Situation Assessment developed under the Superfund Redevelopment Initiative was issued to stakeholders. As part of the redevelopment effort, a Phase II Environmental Site Assessment of Chemserve Corporation report was developed and posted at [epaossc.net/chemserve](http://epaossc.net/chemserve).

#### **Planned Removal Actions**

None/Cleanup Complete

**Next Steps**

None

**Disposition of Wastes**

Waste Stream	Quantity	Manifest #	Disposal Facility
Waste Cleaners/Floor Sweepings	300.60 cubic yards	001S - 0025S	Carleton Farms Landfill, New Boston MI
Drum debris	1800 cubic yards	001 - 0045	Carleton Farms Landfill, New Boston MI
Flammable Liquids (Acetone; Xylene) D001, D0035, F003, F005	10,650 gallons	005058241, 005058242, 005058414	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48124
Acetone-TCLP Chrome Liquids D007, F003	21,100 gallons	005058090 - 005058095	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48124
Corrosive Liquids; Acidic, Inorganic (Acetic; Sulfuric; Hydrochloric; Chromic Acids) D002, D007	3,800 gallons	005058221	Petro-Chem Processing Group 421 Lycaste Detroit, MI 48124
Waste Corrosive Liquid, Basic, Inorganic, (Ammonium; Sodium; Potassium Hydroxides) D002	6,350 gallons	001987442 & 001987456	Vickery Environmental 3956 State Route 412 Vickery OH 43464
Powdered Pigments (Acetone;Chrome) 270H, D007, F003, F005	20,000 lbs	002254850	Clean Harbors Canada Inc. 4090 Telfer Road RR#1 Corunna, Ontario
VOC Sludge (Benzene;Chrome) 270H, D007, F003, F005	20,000 lbs	002254853	Clean Harbors Canada Inc. 4090 Telfer Road RR#1 Corunna, Ontario
Sodium Hydrogendiflouride, Solid no associated waste code	9600 lbs	004711291	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Ammonium Hydrogendiflouride, Solid	1500 lbs	004711291	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Alkybenzene, Sulfonate MI State Waste Code 029L	165 gallons	004711289	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Sodium Flouride	4000 lbs.	004711289	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Sodium Nitrite D001	2000 lbs	004711289	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Corrosive Solid, Basic, Inorganic 'Caustic Soda' (Sodium Hydroxide; Potassium Hydroxide) no associated waste codes	9.00 tons	002844942	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Hydrogen Peroxide (Aqueous Solutions) D001, D002	1800 lbs	004711203	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Oxidizing Solid (Sodium Nitrate-S-Triazine-Trione)	3600 lbs	004711203	EQ Industrial Services 1923 Frederick St

D001			Detroit, MI 48211
Oxidizing Solid (Sodium Nitrate, Potassium Nitrate) D001	3600 lbs	004711203	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Hypochlorite solutions 072U, D002	3600 lbs	004711203	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Sulfuric Acid D002	900 lbs	004711205	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Hydrochloric Acid (Traiazine-Trione) D002	900 lbs	004711205	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Flammable Liquids (Acetone, Methanol) D001, D018, D035, F003, F005	110 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Isocyanates, Flammable, Toxic (Hexamethylene Diisocyanate) D001	5 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Flammable Solids (Trioxane)	5 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Acetic Acid D001	15 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Corrosive Liquids, Basic, Inorganic D002	55 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Corrosive Liquids, Acidic, Inorganic D002	30 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Toxic Liquid, Organic (Phenol, Perchloroethylene) U219, D009, U188, U328, D039, D040	30 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Aerosols, Flammable D001	8 lbs	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Oxidizing Liquids (Sodium Chromate, Potassium Permanganate) D001, D007	30 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Perchloric Acid D001, D002	15 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Trinitrophenol D001	15 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Hydrogen peroxide D001, D002	55 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Flammable Liquids (Acetone, Methanol) D001, D018, D035, F003, F005	30 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Compressed Gas Cylinder	20 lbs	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Sodium Dithionite D002, D003	15 gallons	004711705	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Labpack - Nitrocellulose	15	004711705	EQ Industrial Services

D001	gallons		1923 Frederick St Detroit, MI 48211
Hydrogen Peroxide (Aqueous Solutions) D001, D002	600 lbs	004711128	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Oxidizing Solid (Sodium Nitrate-S-Triazine- Trione) D001	8100 lbs	004711128	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Oxidizing Solid (Sodium Nitrate, Potassium Nitrate) D001	6600 lbs	004711128	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Hypochlorite solutions 072U, D002	300 lbs	004711128	EQ Industrial Services 1923 Frederick St Detroit, MI 48211
Mercury Containing Thermometers	10 lbs	072508	EQ Transfer & Processing 2000 Ferry Street Detroit, MI 48211

[response.epa.gov/chemserve](https://response.epa.gov/chemserve)