

United States Environmental Protection Agency
Region IV
POLLUTION REPORT

Date: Tuesday, November 23, 2004

From: Amy Feingold

Subject: Final POLREP

Shelby Die Casting Co.
Hwy 61 South, Shelby, MS
Latitude: 33.9397000
Longitude: -90.7692000

POLREP No.:	2	Site #:	A4EG
Reporting Period:	07/19/2004 - 07/24/2004	D.O. #:	0205-F4-0028
Start Date:	5/17/2004	Response Authority:	CERCLA
Mob Date:		Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:	7/25/2004	Incident Category:	Removal Action
CERCLIS ID #:	MSD985978378	Contract #	68-S4-02-05
RCRIS ID #:			

Site Description

The Shelby Die Casting Co. (SDCC), established in 1957, performed aluminum die casting operations which included cleaning, quenching, mold casting and die casting. The raw material used on-site was aluminum ingots and the process of manufacturing finished aluminum die cast parts involved the use of various lubricants and solvents. The Site consists of two buildings; the die casting operation was first conducted in the building now designated as the equipment repair building (north building) and moved in 1987 to the current production building (south building). During the Removal Assessment, approximately three drums, four tanks and a clogged sump were discovered in the South Building; approximately 100 drums were found in the North Building, including one found submerged in the rainwater filling the decline ramp outside of the building.

The City of Shelby owns a parcel of land, occupied by the City's water storage tanks and water wells, in the middle of the property which is approximately 200 square feet.

Current Activities

During the period of record (July 19 - July 24, 2004), the following removal activities took place:

- Drums were physically arranged according to predetermined disposal groups. Partially filled drums were bulked within each group.
- Drums were overpacked, labeled and placarded for disposal.
- Drums were loaded and shipped to Rineco of Benton, Arkansas and SET Environmental, Inc. of Houston, Texas for disposal.
- All empty drums were crushed and disposed of with other investigation-derived waste at Waste Management of Robinsonville, Mississippi.

ERRS, START, and OSC demobed on July 24, 2004.

Planned Removal Actions

No further removal activity is planned for this site.

Disposition of Wastes

The following were shipped to Rineco of Benton, Arkansas:

- RQ, Waste Flammable Liquid, N.O.S. 3, UN1993 II (9,000 lbs)
- Hazardous Waste, Solid, N.O.S. 9, NA3077, III (400 lbs)
- RQ, Waste Caustic Alkali Liquids, N.O.S. 8, UN1719, II (1,500 lbs)
- Corrosive Liquid, Acidic, Inorganic, N.O.S. 8, UN3264, III (800 lbs)
- Combustible Liquids, N.O.S, Combustible Liquid, NA1933 III (3,500 lbs)
- Corrosive Solids, N.O.S. 8, UN1759 II (400 lbs)
- Non DOT, NON RCRA Regulated Material (Grease, TPH Sludge) (1,000 lbs)
- Non DOT, NON RCRA Regulated Material (Latex Paint, Tar, Plastic Cement) (3,500 lbs)
- Non DOT, NON RCRA Regulated Material (Oil, Hydraulic Fluids, Lubricants, Glycol) (4,200 lbs)

The following was shipped to SET Environmental, Inc. of Houston, Texas:

- RQ, Waste Nitrating Acid Mixtures, 8 (5.1), UN 1796, I (400 lbs)

The following was shipped to Waste Management of Robinsonville, Mississippi:

- Non-Hazardous, non-regulated (Debris, PPE, crushed drums) (40 cubic yards)

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