

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

Date: Friday, April 2, 2010

From: Robert Kelly

Subject: Removal Actions Completed
Twin Cities Iron and Metal Site
950-1000 Fairview St, Bristol, VA
Latitude: 36.6024135
Longitude: -82.1704521

POLREP No.:	9	Site #:	03EN
Reporting Period:		D.O. #:	0703-03-021
Start Date:	10/29/2009	Response Authority:	CERCLA
Mob Date:	10/28/2009	Response Type:	Time-Critical
Demob Date:	4/2/2010	NPL Status:	Non NPL
Completion Date:	4/2/2010	Incident Category:	Removal Action
CERCLIS ID #:		Contract #	EP-S3-07-03
RCRIS ID #:			

Site Description

See POLREP 1

Current Activities

START continued to screen the areas beneath excavation to determine "clean" areas with lead concentrations below 1,000 ppm. START collected samples from approximately 20% of these locations and shipped the samples for laboratory analysis and confirmation. START continued to draft maps that contain Site photographs of the excavation areas depicting XRF data at the sample locations.

Under the direction of the OSC, ERRS completed excavation activities on the Site. Additional subsurface lead-contaminated soils, up to 61,056 ppm, were discovered. The extent of this contamination is unknown. The contamination appears to extend into the hillside, in a direction away from the creek. ERRS covered all exposed contaminated areas with two feet of fill and graded the hillside. The fill that was utilized for cover was taken from the property; no fill material had to be purchased. Analytical data verified the absence of contamination in the fill material.

T&D operations were completed on March 10, 2010. A total of 235 trucks, carrying a payload of approximately 5,563 tons, transported the lead-contaminated soils to a landfill in Detroit, Michigan.

START continued to conduct air monitoring with DataRAM 4000's along the southern, western, and eastern areas of the Site during T&D and excavation operations. The maximum concentration of particulates that migrated from the Site during this operational period was 27.3 ug/m3.

START continued to conduct personal air monitoring for particulates in the hot zones. The instrument was rotated among the operators in the excavator and articulate dump in the excavation area and the laborers and operator in the stockpile area. The maximum concentration of particulates in the hot zone during this operational period was 67 ug/m3. No respiratory protection was necessary during this operational period.

The OSC has allocated an additional \$22,000 to START for air monitoring costs and to subcontract a surveyor. START awarded a subcontract for completion of the survey and a map depicting Site elevations and topography.

ERRS completed backfilling the excavated areas of the Site and graded the Site to allow appropriate drainage of rain water into Beaver Creek. ERRS hydroseeded the Site on March 27, 2010. ERRS decontaminated and demobilized all equipment and personnel from the Site by April 2, 2010.

Interested parties may view added recent pictures in the Images section of the website: www.epaosoc.org/twincities.

Planned Removal Actions

All removal actions have been completed.

Next Steps

Following completion of the Site survey, the OSC will correspond with local and state officials concerning the final topography of the Site.

Key Issues

1. Concentrations of lead in Site soils were determined up to 149,000 mg/kg.
2. Concentrations of PCBs in Site sediments were determined up to 2 mg/kg.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
D008	22.93 TONS	007194256JJK	EQ DETROIT
D008	25.73 TONS	007194254JJK	EQ DETROIT
D008	23.67 TONS	007194258JJK	EQ DETROIT
D008	22.12 TONS	007194259JJK	EQ DETROIT
D008	22.89 TONS	007194255JJK	EQ DETROIT
D008	22.68 TONS	007194260JJK	EQ DETROIT
D008	24.73 TONS	007194257JJK	EQ DETROIT
D008	20.24 TONS	007194261JJK	EQ DETROIT
D008	23.86 TONS	007194262JJK	EQ DETROIT
D008	24.80 TONS	007194263JJK	EQ DETROIT
D008	22.88 TONS	007194155JJK	EQ DETROIT
D008	21.60 TONS	007194157JJK	EQ DETROIT
D008	23.54 TONS	007194158JJK	EQ DETROIT
D008	22.93 TONS	007194160JJK	EQ DETROIT
D008	22.93 TONS	007194164JJK	EQ DETROIT
D008	31.39 TONS	007194171JJK	EQ DETROIT
D008	24.39 TONS	007194162JJK	EQ DETROIT
D008	26.81 TONS	007194172JJK	EQ DETROIT
D008	22.90 TONS	007194156JJK	EQ DETROIT
D008	24.17 TONS	007194173JJK	EQ DETROIT
D008	22.92 TONS	007194163JJK	EQ DETROIT
D008	23.23 TONS	007194165JJK	EQ DETROIT
D008	24.10 TONS	007194166JJK	EQ DETROIT
D008	23.61 TONS	007194161JJK	EQ DETROIT
D008	22.15 TONS	007194167JJK	EQ DETROIT
D008	22.88 TONS	007194159JJK	EQ DETROIT
D008	23.52 TONS	007194169JJK	EQ DETROIT
D008	24.41 TONS	007194170JJK	EQ DETROIT
D008	29.69 TONS	007194174JJK	EQ DETROIT
D008	23.05 TONS	007194177JJK	EQ DETROIT
D008	24.06 TONS	007194178JJK	EQ DETROIT
D008	22.16 TONS	007194180JJK	EQ DETROIT
D008	23.32 TONS	007194176JJK	EQ DETROIT
D008	24.11 TONS	007194175JJK	EQ DETROIT
D008	23.41 TONS	007194179JJK	EQ DETROIT
D008	22.33 TONS	007194181JJK	EQ DETROIT
D008	22.57 TONS	007194182JJK	EQ DETROIT

D008	23.98 TONS	007194183JJK	EQ DETROIT
D008	24.00 TONS	007194192JJK	EQ DETROIT
D008	22.45 TONS	007194188JJK	EQ DETROIT
D008	20.25 TONS	007194191JJK	EQ DETROIT
D008	22.62 TONS	007194190JJK	EQ DETROIT
D008	23.43 TONS	007194187JJK	EQ DETROIT
D008	26.00 TONS	007194186JJK	EQ DETROIT
D008	24.24 TONS	007194185JJK	EQ DETROIT
D008	22.63 TONS	007194189JJK	EQ DETROIT
D008	23.62 TONS	007194193JJK	EQ DETROIT
D008	23.32 TONS	007194194JJK	EQ DETROIT
D008	22.01 TONS	007194168JJK	EQ DETROIT
D008	22.32 TONS	007194201JJK	EQ DETROIT
D008	24.50 TONS	007194200JJK	EQ DETROIT
D008	22.49 TONS	007194195JJK	EQ DETROIT
D008	21.95 TONS	007194206JJK	EQ DETROIT
D008	24.58 TONS	007194207JJK	EQ DETROIT
D008	25.55 TONS	007194204JJK	EQ DETROIT
D008	23.84 TONS	007194196JJK	EQ DETROIT
D008	22.91 TONS	007194209JJK	EQ DETROIT
D008	22.97 TONS	007194203JJK	EQ DETROIT
D008	24.64 TONS	007194202JJK	EQ DETROIT
D008	23.96 TONS	007194208JJK	EQ DETROIT
D008	23.57 TONS	007194198JJK	EQ DETROIT
D008	22.78 TONS	007194197JJK	EQ DETROIT
D008	23.99 TONS	007194199JJK	EQ DETROIT
D008	22.33 TONS	007194205JJK	EQ DETROIT
D088	26.34 TONS	007194211JJK	EQ DETROIT
D008	20.91 TONS	007194212JJK	EQ DETROIT
D008	27.56 TONS	007194210JJK	EQ DETROIT
D008	21.96 TONS	007194213JJK	EQ DETROIT
D008	25.23 TONS	007194214JJK	EQ DETROIT
D008	21.70 TONS	007194230JJK	EQ DETROIT
D008	24.09 TONS	007194226JJK	EQ DETROIT
D008	23.44 TONS	007194227JJK	EQ DETROIT
D008	25.63 TONS	007194217JJK	EQ DETROIT
D008	22.39 TONS	007194184JJK	EQ DETROIT
D008	22.03 TONS	007194216JJK	EQ DETROIT
D008	23.29 TONS	007194215JJK	EQ DETROIT
D008	19.72 TONS	007194228JJK	EQ DETROIT
D008	25.04 TONS	007194231JJK	EQ DETROIT
D008	25.61 TONS	007194225JJK	EQ DETROIT
D008	23.20 TONS	007194219JJK	EQ DETROIT
D008	22.77 TONS	007194218JJK	EQ DETROIT
D008	22.08 TONS	007194229JJK	EQ DETROIT
D008	23.85 TONS	007194222JJK	EQ DETROIT
D008	21.55 TONS	007194220JJK	EQ DETROIT
D008	21.75 TONS	007194221JJK	EQ DETROIT
D008	23.43 TONS	007194223JJK	EQ DETROIT
D008	22.79 TONS	007194234JJK	EQ DETROIT

D008	25.06 TONS	007194233JJK	EQ DETROIT
D008	31.15 TONS	007194232JJK	EQ DETROIT
D008	23.19 TONS	007194224JJK	EQ DETROIT
D008	24.52 TONS	007194241JJK	EQ DETROIT
D008	28.02 TONS	007194240JJK	EQ DETROIT
D008	30.73 TONS	007194252JJK	EQ DETROIT
D008	23.37 TONS	007194236JJK	EQ DETROIT
D008	22.61 TONS	007194235JJK	EQ DETROIT
D008	28.93 TONS	007194239JJK	EQ DETROIT
D008	29.91 TONS	007194237JJK	EQ DETROIT
D008	24.98 TONS	007194238JJK	EQ DETROIT
D008	25.20 TONS	007194242JJK	EQ DETROIT
D008	26.80 TONS	007194249JJK	EQ DETROIT
D008	23.97 TONS	007194253JJK	EQ DETROIT
D008	24.77 TONS	007194043JJK	EQ DETROIT
D008	23.65 TONS	007194243JJK	EQ DETROIT
D008	23.35 TONS	007194246JJK	EQ DETROIT
D008	29.44 TONS	007194250JJK	EQ DETROIT
D008	26.45 TONS	007194251JJK	EQ DETROIT
D008	23.59 TONS	007194247JJK	EQ DETROIT
D008	24.12 TONS	007194245JJK	EQ DETROIT
D008	28.41 TONS	007194248JJK	EQ DETROIT
D008	22.22 TONS	007194244JJK	EQ DETROIT
D008	21.04 TONS	007194044JJK	EQ DETROIT
D008	23.08 TONS	007194045JJK	EQ DETROIT
D008	25.34 TONS	007194046JJK	EQ DETROIT
D008	23.37 TONS	007194047JJK	EQ DETROIT
D008	22.86 TONS	007194048JJK	EQ DETROIT
D008	23.01 TONS	007194049JJK	EQ DETROIT
D008	23.48 TONS	007194051JJK	EQ DETROIT
D008	24.31 TONS	007194050JJK	EQ DETROIT
D008	24.14 TONS	007194053JJK	EQ DETROIT
D008	23.57 TONS	007194052JJK	EQ DETROIT
D008	22.82 TONS	007194056JJK	EQ DETROIT
D008	22.80 TONS	007194055JJK	EQ DETROIT
D008	22.73 TONS	007194054JJK	EQ DETROIT
D008	22.98 TONS	007194059JJK	EQ DETROIT
D008	27.52 TONS	007194062JJK	EQ DETROIT
D008	22.34 TONS	007194058JJK	EQ DETROIT
D008	21.31 TONS	007194060JJK	EQ DETROIT
D008	23.37 TONS	007194061JJK	EQ DETROIT
D008	23.93 TONS	007194057JJK	EQ DETROIT
D008	23.62 TONS	007194063JJK	EQ DETROIT