EPA ID / SITE ID	SITE NAME / STREET 1 / STREET 2 / CITY / COUNTY NAME	STATE / COUNTY (FIPS) CODE	ZIP CODE	LATITUDE / LONGITUDE / SOURCE	SMSA / HYDRO UNIT	OU	ACTION CODE, NAME	SEQ	ACTUAL START DATE	ACTUAL COMPLETE DATE	CURRENT ACTION LEAD
MOD000829705	CONSERVATION CHEMICAL CO.			+39.127900	3760		CONGRESSIONAL DISTRICT: 05				
0700777	3900 FRONT ST			-094.472200	10300101		OWNERSHIP: Private				
				EPA HQ			NPL STATUS: F				
	KANSAS CITY	MO	64120				FEDERAL FACILITY: N				
	JACKSON	29095					NON-NPL STATUS: N/A				
							NPL UPDATE NUMBER: 10				

Site Aliases: C C C,,,MO,;CONSERVATION CHEMICAL CO,,,,;CONSERVATION CHEMICAL CO.,3900 FRONT ST,KANSAS CITY,MO,64120;GROUNDWATER TREATMENT PLANT (FINDS),8900 FRONT ST,KANSAS CITY,MO,64120;

Site Description: The Conservation Chemical Company (CCC) site is located at 8900 Front Street, within the city limits of Kansas City, Missouri. The site is located approximately 1.75 miles east of Interstate 435, along the Levee Road in Jackson County, Missouri. The site is approximately 6 acres in size and is situated on the floodplain of the Missouri River near the confluence of the Missouri and Blue Rivers, on the river side of the levee. The only access to the site is from the Levee Road.

The area in which the site is located is industrially zoned. Mobay Chemical Company (MCC) operates an agricultural chemical manufacturing plant southwest of the site and owns property northeast and east of the site, which is undeveloped, but a portion of which has in the past been used for agricultural purposes. Kansas City Power and Light (KCPL) operates the Hawthorne Power Plant to the northwest of the site and owns undeveloped land to the north and west of the site.

CCC initiated its activities at the site in 1960, beginning with construction of chemical treatment basins, the process area and a roadway ramp. The U. S. Army Corps of Engineers, Kansas City District, issued a permit to CCC pertaining to this site. The permit was expressly limited to issues related to the public rights of navigation.

Waste disposal operations began at the site soon after site construction was initiated and continued until approximately 1980. The exact nature and quantities of chemicals and wastes handled during the site's active operating period are unknown. Many site operating records are reported to have been destroyed in a fire in 1970. Operating records which are available indicate that the primary materials accepted at the CCC site included organics, solvents, acids, caustics, metal hydroxides, and cyanide compounds. Reports also indicate that pesticides, herbicides, waste oils, organic solvents, halogenated compounds, arsenic and elemental phosphorus were handled at the site. In addition, there are reports and some evidence that pressurized cylinders and other metal containers were placed in the lagoons. The facility handled liquids, sludges, and solids.

Based upon the available site operating records, it has been estimated that the following quantities of materials were brought to the site:

- Acid metal-finishing wastes: 32.6 million gallons
- Alkaline metal-finishing wastes: 10.3 million gallons
- Cyanides: 0.4 million gallons + 38.44 tons
- Solvents/organics: 1.7 million gallons
- Miscellaneous wastes: 0.7 million gallons + 314 tons
- Refinery wastes: 2.5 million gallons + 719 tons
- Arsenic/phosphorus wastes: 2540 tons

The above totals include 48 million gallons of liquids and sludges and 1,144 tons of solids, i.e., roughly 300,000 tons in total. Because the records are incomplete, these figures are believed to understate the total quantity of materials brought to the site.

Most of the materials brought to the site reportedly were disposed of on site, with or without treatment. According to the site operator, the principal exceptions are the cyanides, some of which reportedly were converted to HCN and released or burned, and solvents, most of which reportedly were either incinerated or reclaimed. However, there is evidence from inventories that substantial quantities of organic solvents may have been disposed of on site.

CCC employed a variety of waste handling practices, including but not limited to solvent incineration, solvent resale, pickle liquor neutralization, cyanide complexation, chromic acid reduction, and ferric chloride/ferric sulfate recovery. Residual materials from the various treatment processes were generally disposed of on site in the basins. Drums, bulk liquids, sludges, and solids were buried at the site. Some wastes, such as drummed cyanide wastes and arsenic and phosphorus containing wastes, were disposed of on site without treatment.

Estimates based upon the surface areas of the lagoons (approximately 139,500 sq. ft.) and reported lagoon depths (up to 18 ft. below the surface of the site) indicate that approximately 93,000 cubic yards of materials are buried on site. Native materials beneath and adjacent to the disposal areas were probably contaminated by the waste disposal operations.

In 1975, the Missouri Department of Natural Resources, Solid Waste Management Program (DNR/SWMP) investigated the site and found it to be operating as a solid waste disposal area. On December 15, 1975 DNR/SWMP requested that CCC cease the disposal of solid wastes at the site and that remedial actions be taken to clean up the site.

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In 1977 the Missouri Clean Water Commission ordered the site closed and covered. A plan for closure of the CCC site was submitted in June 1979 which called for the addition of absorbents and cementing materials to the waste in the uppermost 5 ft of each basin. Waste acids, predominantly pickle liquor, and fly ash were mixed with the upper layer of waste materials in the basins. Tests conducted on samples of the "stabilized" wastes in 1985 indicated that the desired pozzolonic cement-like properties had not formed. Also, there are indications that this material has deteriorated and will continue to deteriorate.

At present, the CCC site contains miscellaneous surface structures, such as tanks and buildings, and the six basins that were used for the storage, treatment, and disposal of a variety of chemicals, liquid wastes, and sludges, which are presently covered.

In 1977, the Missouri Clean Water Commission ordered the site closed and covered. In September 1979, the United States initiated the first of two legal actions seeking investigation and clean up of the CCC site. The second such action, initiated after CERCLA was enacted in 1980, was initiated in 1982.

The site was proposed for listing on the National Priorities List (NPL) in April 1985 and was added to the list in October 1989.

A Record of Decision addressing Operable Unit 01 at the CCC site was completed in September 1987.

An Explanation of Significant Differences (ESD) addressing OU1 was completed in January 2003.

00	DS	DISCVRY	001		01/01/1979	EPA Fund
00	RS	RV ASSESS	001	01/16/1990	08/30/1990	EPA Fund
00	RS	RV ASSESS	002	03/28/1991	10/10/1991	EPA Fund

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MOD000829705	CONSERVATION CHEMICAL CO. - CONTINUED					00	RS	RV ASSESS	003	02/15/1993	04/26/1993	EPA Fund
						00	PA	PA	001	03/01/1979	03/01/1979	EPA Fund
						00	SI	SI	001	03/01/1979	11/01/1980	EPA Fund
						00	HR	HAZRANK	001		01/10/1985	EPA Fund
						00	NP	PROPOSED	001		04/10/1985	EPA Fund
						00	NP	PROPOSED	002		06/24/1988	EPA Fund
						00	NF	NPL FINL	001		10/04/1989	EPA Fund
						00	CR	CI	001	05/25/2006		EPA Fund
						01	MA	ST COOP	001	06/16/1989		PRP Rsp Fed
						01	BD	PRP RI/FS	001	11/29/1982	08/01/1984	PRP Rsp Fed
						01	BD	PRP RI/FS	002	08/01/1984	09/30/1987	PRP Rsp Fed
						01	HA	HEALTH	001	11/15/1988	06/22/1989	EPA Fund
						01	AR	ADMM REC	001	10/22/1987		EPA Fund
						01	RO	ROD	001		09/30/1987	Fed Enforce
						01	GM	GWTRMON	001	09/23/1997		PRP Rsp Fed
						01	BE	PRP RD	001	08/02/1985	11/17/1987	PRP Rsp Fed
						01	BE	PRP RD	002	10/01/1987	05/26/1989	PRP Rsp Fed
						01	BE	PRP RD	003	04/07/1988	01/27/1989	PRP Rsp Fed
						01	TS	TRTSTUDY	001	03/05/2010		EPA In-House
						01	BF	PRP RA	001	11/04/1988	08/02/1989	PRP Rsp Fed
						01	BF	PRP RA	002	05/26/1989	09/23/1991	PRP Rsp Fed
						01	CM	PCOR	001		09/23/1991	EPA Fund
						01	OF	O AND F	001		03/07/1991	PRP Rsp Fed
						01	OM	OM	001	09/23/1991		PRP Rsp Fed
						01	FE	5 YEAR	001	10/15/1995	02/29/2000	EPA In-House
						01	FE	5 YEAR	003	12/09/2004	09/20/2007	EPA In-House
						01	FE	5 YEAR	004	09/28/2011	09/27/2012	EPA In-House
MOD980631618	RIVERFRONT LANDFILL			39D08M47S	3760		CONGRESSIONAL DISTRICT: 05					
0701196	LEVEE RD AT CHOUTEAU TRFW N			094D30M59S	10300101		OWNERSHIP: Municipality					
							NPL STATUS: N					
	KANSAS CITY	MO	64120				FEDERAL FACILITY: N					
	JACKSON	29095					NON-NPL STATUS: Referred to Removal - NFRAP					

Site Aliases: CHOUTEAU LANDFILL,,,MO,;RIVERFRONT PARK,,,MO,;

Site Description: MUNICIPALITY OWNED/OPERATED LDF, APPRX 490 ACRES & 3.3 MI LONG, WHICH RECEIVED INDUSTRIAL & MUNICIPAL WASTES FOR DISPOSAL.MUNCPLTY OWNED/OPERATED LDF, APPRX 490 ACRES & 3.3 MI LONG, WHICH RECEIVED INDUSTRIAL & MUNICIPAL WASTES FOR DISPOSAL.

						00	DS	DISCVRY	001		06/01/1981	EPA Fund
						00	BB	PRP RV	001	07/10/1987	01/27/1995	PRP Rsp Fed

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MOD980631618	RIVERFRONT LANDFILL - CONTINUED					00	PA	PA	001	03/01/1982	03/01/1982	EPA Fund
						00	SI	SI	001	03/01/1982	06/01/1982	EPA Fund
						00	MA	ST COOP	001	06/16/1989	03/30/2009	PRP Rsp Fed
						00	AR	ADMM REC	001	05/01/1990		EPA Fund
						01	NA	PRP RI	001	10/01/1987	11/07/1989	PRP Rsp Fed
MON000706103	HCL - TANKER SPILL			No data available			CONGRESSIONAL DISTRICT: 05					
0706103	I-35 AND FRONT STREET			No data available			OWNERSHIP: Unknown					
							NPL STATUS: N					
	KANSAS CITY	MO	64120				FEDERAL FACILITY: N					
	JACKSON	29095					NON-NPL STATUS: Removal Only Site (No Site Assessment Work Needed)					
	Site Aliases: No alias data available											
	Site Description: No description available											
						00	RS	RV ASSESS	001	11/30/2009	01/25/2010	EPA Fund
						00	PJ	RP EM REM	001	11/30/2009	11/30/2009	PRP Rsp Fed
MOSFN0703588	HCI - CHEMTECH - STILLWELL ST.			39D08M28S			CONGRESSIONAL DISTRICT: 05					
0703588	5200 STILLWELL STREET			094D31M99S			OWNERSHIP: Private					
							NPL STATUS: N					
	KANSAS CITY	MO	64120				FEDERAL FACILITY: N					
	JACKSON	29095					NON-NPL STATUS: Referred to Removal - NFRAP					
	Site Aliases: HCI - CHEMTECH STILLWELL ST.,5200 STILLWELL STREET,KANSAS CITY,MO,64120;											
	Site Description: CHEMICAL DISTRIBUTION CENTER											
						00	DS	DISCVRY	001		10/10/1999	State (Fund)
						00	PA	PA	001	01/06/2000	03/30/2000	State (Fund)
						00	MA	ST COOP	001	04/01/2009		EPA Fund
						00	CR	CI	001	06/13/2006	11/09/2006	EPA Fund
						00	AR	ADMM REC	001	05/22/2006		EPA Fund
						01	BD	PRP RI/FS	001	08/30/2005		PRP Rsp Fed

TOTAL NUMBER OF SITES IN REPORT: 4