Aerial Photo Showing Outline of Former Wooden Plant

Overlay 1940

The Kansas City Plant is operated and managed by Honeywell Federal Manufacturing & Technologies LLC for the NNSA.
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Plume: 1969

Aerial Photo with Overlay of Present Day Groundwater
The Kansas City Plant is operated and managed by Honeywell Federal Manufacturing & Technologies, LLC, for the NSA.

- Over 14,000 pounds of solvent removed (~32 - 55 gallon drums)
- 319 million gallons treated since 1989

Groundwater Flow: Treated

Environmental Characteristics & History
storm sewer discharge and disposed of off-site in 1993

32,000 tons of PCB contaminated soil removed at the site of the original 002

surrounding contaminated soil

Historical and ongoing efforts to isolate the 002 storm sewer pipe from

regulated 002 outfall

PCB contaminated soils currently lie adjacent to storm sewer lines of the

remove PCB contaminated soil and sediments

Indian Creek; storm sewer outfall 002 to Indian Creek Remediated in 1989 to

southeast side of facility; some oil reached the storm sewer and impacted

additional spills in 1971 and 1972 outside same operating department on

channel in place with PCB contaminated soil

Indian Creek was rerouted further downstream in 1970-71; burying the former

day (hay bails and pumping of free product)

which reached Indian Creek; spill cleaned up consistently with the rig at the

1969 spill outside operating department on southeast side of facility - some of

to 1974

Terminal FR-1 (pure PCB) heat transfer fluid used at the KCP from mid-1969

PCB Contamination

Kansas City Plant
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002 on a highly intermittent basis

Exceedences of the 0.5 ppb limit still occur in

PCBs

Stormwater discharges are tested weekly for parts per billion (ppb)

Current NPDES permit discharge level is 0.5

PCB Contaminant
No discharge from sump

Outlet 002 Route System

Groundwater Treatment
Routing to the
Base flow has been
002 reduced to ~3 gpm
Base flow in storm sewer

Current Status
Outlet 002 Raceway Access Restriction

Current Status
Human health and the environment to monitor the effectiveness of site remediation and to protect a long-term environmental commitment to the site is required for PCBs occur. Interrogative exceedences of the NPDES permit discharge limit, system of institutional and engineering controls. Access to contaminated soil and sediment is prevented by a collection system pumping wells, building footing, the draining and a groundwater. Mitigation of groundwater is inhibited by the action of offsite migration. The NSF remains in full compliance with RCRA Part B post closure permit and is fully funded by the NSF.
The Kansas City Plant is operated and managed by Honeywell Federal Manufacturing & Technologies, LLC, for the NNSA.

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Assessment Section, MDNR, (573) 751-6770, phil.schroeder@dur-mo.gov

Patti A. Schroeder, Water Protection Program, Chief Water Quality Monitoring and PBES (PCB)

Environmental contamination that could potentially enter the storm sewer system (e.g.,

Scope: NPDES Stormwater Permit, enforces permit limits associated with Legacy

Missouri State Operating Permit (#MO0004863)

(573) 751-3553, bruce.stewart@dur-mo.gov

R. Bruce Stewart, Groundwater Unit, Chief, Hazardous Waste Program, MDNR

of Natural Resources (MDNR), (573) 751-3467, don.dicks@dur-mo.gov

Donald L. Dicks, Environmental Engineer, Hazardous Waste Program, Missouri Department

Scope: RCRA Part B Post Closure Permit

Missouri Hazardous Waste Management Facility Permit (#MO9890010524)

Regulatory Contacts
Raymond Franson, Project Manager, Hazardous Waste Program, Federal Facilities Division, Section, Missouri Department of Natural Resources (MDNR) (816) 622-7057.

Scope: Provides on-site oversight of KCP Environmental and safety operations.

Missouri Agreement in Principle Program (AIP)

513-631-4. Michael Manning@kamo.org

Michael Manning, Health Department, Air Quality Program, Program Manager (816)

Scope: Provides air emission limits and permits for emission of pollutants.

Clean Air Act Permits

Environmental Compliance Manager, (816) 513-0606, Denise Burkett@kamo.org

Denise Burkett, Water Services Department, Industrial Waste Control Division, System (GT5) and Industrial Wastewater Pretreatment

Scope: Provides sanitary sewer discharge limits for the Groundwater Treatment

Wastewater Pretreatment Discharge Permit

Regulatory Contacts

National Security Asset

Kansas City Plant