TMDL FACT SHEET

LITTLE BAYOU CREEK

Project Name:	Little Bayou Creek, Polychlorinated Biphenyls (PCBs)
Location:	McCracken County, Kentucky
Scope/Size:	River mile 0.0 to 6.5
TMDL Issues:	Point and Nonpoint Sources
Data Sources:	University of Kentucky (School of Biological Sciences)
	U.S. Department of Energy
	KY Department for Environmental Protection – Division of Water
	Kentucky Division of Waste Management
Control Measures:	Kentucky Pollutant Discharge Elimination System (KPDES)
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Control Measures: Summary:	Toxic Substances Control Act (TSCA) Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Kentucky Non-point Source TMDL Implementation Plan
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included on the 303(d) list of impaired waters since 1990 for priority organics (i.e. PCBs).

TMDL Development	The total maximum daily load for PCB is 0.00 (zero) pounds/day
	(lbs/day). Fish consumption advisories will be lifted when the
	PCB concentrations in fish are consistently less than 0.06 mg/kg
	(full support of fish consumption use). Regulatory controls to
	prevent new contributions of PCB contamination to Little Bayou
	Creek are already in place. Additionally, actions to control and
	investigate historic PCB contamination are underway by the U.S.
	Department of Energy (DOE), the U.S. Environmental Protection
	Agency (USEPA), and the Kentucky Department for
	Environmental Protection (DEP). PCB levels within the sediments
	of Little Bayou Creek will diminish through time, eventually
	resulting in lowered levels in fish tissue.

Implementation

Controls:

A number of actions are ongoing to control and remediate PCB contamination at the site.

- Remediation of contaminated outfall sediments and soils.
- Waste management practices to prevent improper waste disposal or storage.
- Inspections and spill cleanup programs to prevent PCBcontaminated oils from reaching outfalls and Little Bayou Creek.
- Excavation of highly contaminated soils.
- Silt fencing and vegetative cover to prevent mobilization of soil contamination.