

The Delaware Toxics Reduction Program

(DelTRiP)



An informational bulletin from the Delaware River Basin Commission

What Is DelTRiP?

DelTRiP is a multi-agency effort chaired by the DRBC to identify, track, prioritize, and report the status of contaminated sites that contribute to or potentially contribute to toxics within the Delaware River Basin. The program started in 2004 through a grant from the U.S. Environmental Protection Agency (EPA) and is currently focused on polychlorinated biphenyls (PCBs). PCBs are a synthetic class of compounds used widely in various industries that have been shown to be harmful to wildlife, humans, and the environment. The 2007 annual report is the second in a long term endeavor to minimize the presence of toxic pollutants in the Delaware River and its tributaries.

Who's Involved?

The Delaware River Basin Commission (DRBC), Delaware Department of Natural Resources and Environmental Control (DNREC), New Jersey Department of Environmental Protection (NJDEP), New York State Department of Environmental Conservation (NYSDEC), Pennsylvania Department of Environmental Protection (PADEP), and EPA are the current contributing agencies. These agencies provided information on proprietary hazardous waste and brownfields databases that formed the basis for DelTRiP's investigations. DRBC compiles and publishes the DelTRiP annual report based on these submissions and other findings.

Where Are We Looking?

Each state and federal agency submits sites that were, are, or suspected of being PCB impaired. Agencies survey their own contaminated site and brownfield databases; DelTRiP staff then research each site as thoroughly as possible through file review. DelTRiP staff also use other information in identifying and researching sites, for example, newspapers and other media. The file review, though, remains the most credible and defensible source of information.

What's In This Report?

The first DelTRiP report, published in 2006, was a listing of sites submitted by DNREC, EPA, NJDEP, and PADEP. No information was provided in the report regarding the remedial disposition of the 263 sites contained therein. The 2007 report is an elaboration on the remedial histories of each site. Many sites have been remediated to their respective state's standards for PCBs, some are still being investigated and undergoing various studies, while others have begun the physical cleanup process. Unfortunately, as many as 62 sites had files that were unable to be viewed simply because they could not be found or were not offered for review by their respective state agencies. A full accounting of the sites within each state can be found on the reverse of this sheet. DelTRiP is also an outreach mechanism to support the ongoing effort to implement a Total Maximum Daily Load (TMDL) for PCBs in the Delaware Estuary in accordance with the Clean Water Act Section 303(d). This report is guided by, but not limited to, the steps in the following section.

Significant Steps To DelTRiP

- | | |
|--|---|
| Step 1: DelTRiP will identify contaminated sites in each state within the basin using EPA and state listings including, but not limited to, Superfund listings (NPL and CERCLIS) and state brownfield/hazardous waste sites. Other listings, such as those developed by fire departments and building inspectors, or through municipal wastewater treatment plant trackdown programs, also may be used to identify sites. | Step 5: DelTRiP will develop criteria to rank each site to determine its significance and to decide if it is to be prioritized for tracking and reporting. |
| Step 2: Sites identified from "other listings" will be referred to the appropriate federal/state agencies for action. | Step 6: DelTRiP will prioritize the contaminated sites that significantly contribute, or have the potential to significantly contribute, to the PCB load of the basin. |
| Step 3: DRBC will incorporate identified sites into GIS. | Step 7: DRBC will assemble status information for each prioritized site and track the remediation progress and other actions taken to reduce the releases to the basin from the contaminated waste sites. |
| Step 4: State and federal agencies will quantify the PCB loads being released, or that have the potential to be released, from contaminated sites identified above. | Step 8: DRBC will publish an annual report detailing measurable reductions reported by the lead agencies and the status of implementation activities at each prioritized contaminated site, highlighting key milestones and accomplishments. |

The full DelTRiP report can be viewed at www.drbc.net. To receive a hard copy, call DRBC at (609) 883-9500.

The Delaware Toxics Reduction Program (DelTRiP)

What Was Found?

During our file research, it became clear that many sites were reportedly remediated for PCBs, at least according to each state's cleanup standards. Some sites that were submitted to DelTRiP never had any PCBs found onsite, while others still have very large quantities of PCBs onsite. Below is the status of all the sites in the 2007 DelTRiP report.

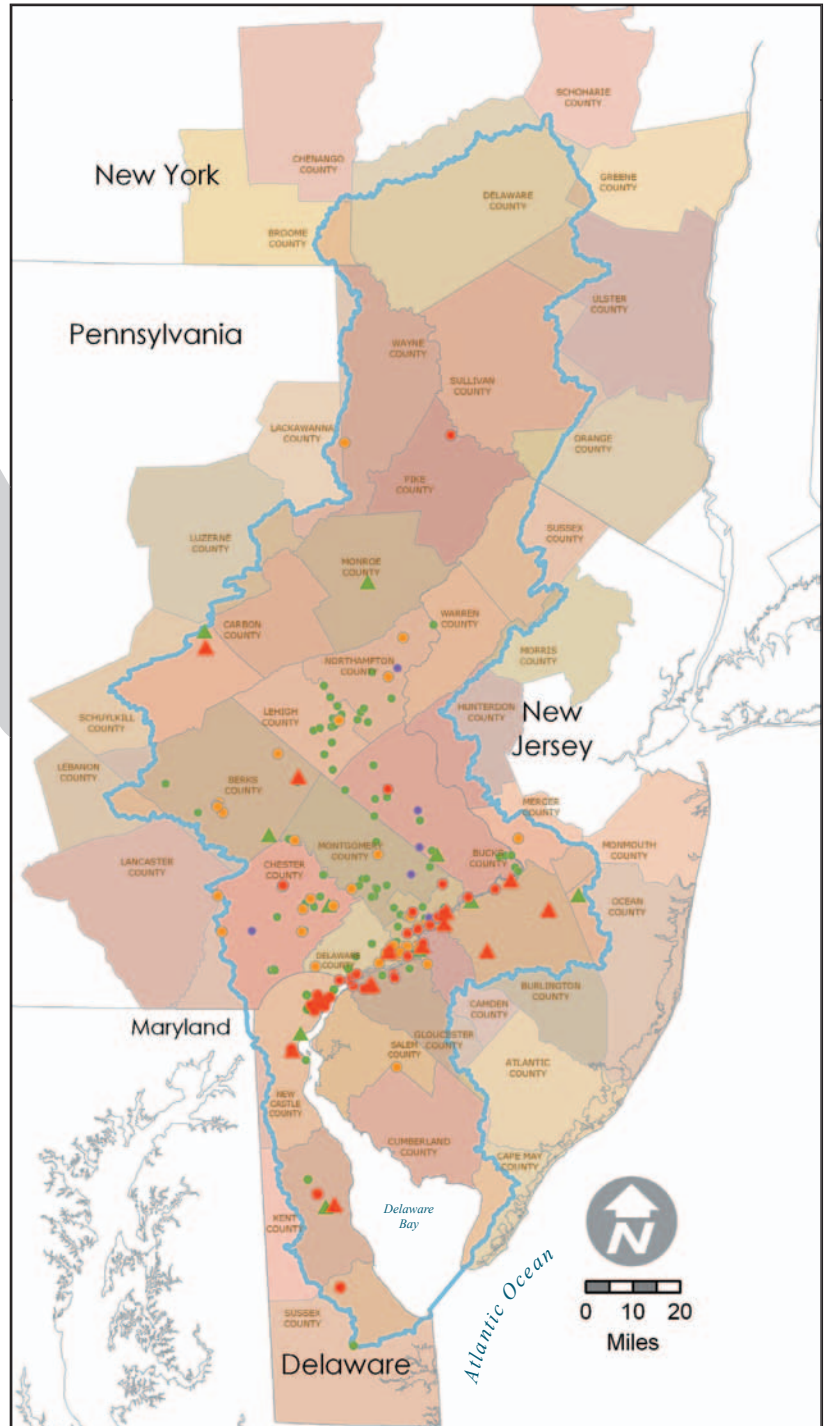
Sites new to the 2007 DelTRiP report are italicized and highlighted in red. (29 in total)

QUANTITY OF SITES AND DESCRIPTION

DELAWARE			
DNREC	6	ongoing remediations	
	15	ongoing remediations	
	2	reportedly complete PCB remediations	
	8	reportedly complete PCB remediations	
	1	reportedly complete PCB remediations outside of Delaware River Basin	
EPA REGION 3	1	ongoing remediation	
	2	reportedly complete PCB remediations outside of Delaware River Basin	
	1	ongoing remediation	
EPA REGION3/DNREC	1	ongoing remediation	
NEW JERSEY			
NJDEP	4	ongoing remediations	
	2	reportedly complete PCB remediations	
	1	with unavailable files	
EPA REGION 2	2	with unavailable files	
	8	ongoing remediations	
	4	reportedly complete PCB remediations outside of Delaware River Basin	
	3	ongoing remediations	
PENNSYLVANIA			
PADEP	13	ongoing remediations	
	117	reportedly complete PCB remediations	
	2	reportedly complete PCB remediations	
	8	no history of PCBs	
	56	with unavailable files	
	3	outside of Delaware River Basin	
	EPA REGION 3	3	ongoing remediations
		1	ongoing remediation
		6	reportedly complete PCB remediations outside of Delaware River Basin
	EPA REGION/PADEP	2	ongoing remediations

Where Were PCBs Found?

PCBs were widely used in a variety of industries for over 40 years. Throughout the Delaware River Basin, we identified PCBs in soil, surface water, and ground water at dozens of sites. Though remediation efforts are taking place, the longevity of PCBs in the environment make cleanup very difficult.



- EPA Region 3 lead site
- State lead site
- Unknown Remedial Status
- No PCBs ever found
- PCB remediation ongoing
- PCB remediation reportedly complete