# Water Research Needs and Opportunities Through DEQ

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State Environmental Laboratory Services

DEQ is the state's primary environmental enforcement agency for drinking water, wastewater, hazardous waste, and air quality







#### **Land Protection Division**

Hazardous Waste Releases Superfund Sites Groundwater contamination

#### Water Quality Division

Public Water Supply Municipal and Industrial Wastewater Water Quality Planning

#### **State Environmental Laboratory**

HABs Fish Contaminants Private Water

## Environmental Complaints and Local Services

On-site Wastewater Private water

# Hazardous Waste

### Groundwater

Low cost technologies for screening (remote sensing?) LNAPL and DNAPL plumes

Low cost cleanup technologies for groundwater plumes

Tar Creek Superfund Site Mine Water Discharge Sediment Removal Stream Morphology



# Fish Contaminants

Mercury source tracking, flux, bioavailability

HABs Harmful Algal Blooms

Wastewater Management techniques for reject water and wastes from treatment systems