

# ***Summary of Contaminant Source Areas and Data***

***Hadnot Point and Vicinity,  
Camp Lejeune, North Carolina***

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# Summary of Available Pumpage Data

Type of Information	System/Component	Data Timeframe
Daily operations schedule	HP WTP individual supply wells	Nov 28, 1984– Feb 4, 1985
Hours pumped and corresponding pumping rates	HP and HB WTP individual supply wells	Oct 1988–Mar 1989
Total gallons pumped, average pumping rate, average daily withdrawal, and % of time inactive	HP and HB WTP individual supply wells	1993
Daily log for well pumps indicating operational status (on/off)	HP and HB WTP individual supply wells	Jan 1998–Jun 2008

# Summary of Water Treatment Plant (WTP) Delivery Data

Type of Information	System/Component	Data Timeframe
Annual delivery rates	Hadnot Point (HP) WTP	1942–1998
Annual delivery rates	Holcomb Boulevard (HB) WTP	1975–1998
Monthly rates of raw water supplied/treated water delivered	HP and HB WTPs	Sep 1955–Jan 1957 Jan 1980–Dec 1984 Jan 1982–Dec 1993 Jan 1987–Feb 1989
Daily rates of raw water supplied/treated water delivered	HP and HB WTPs	Jan 1995–May 1999 Jan 2000–Dec 2005

# Data Availability

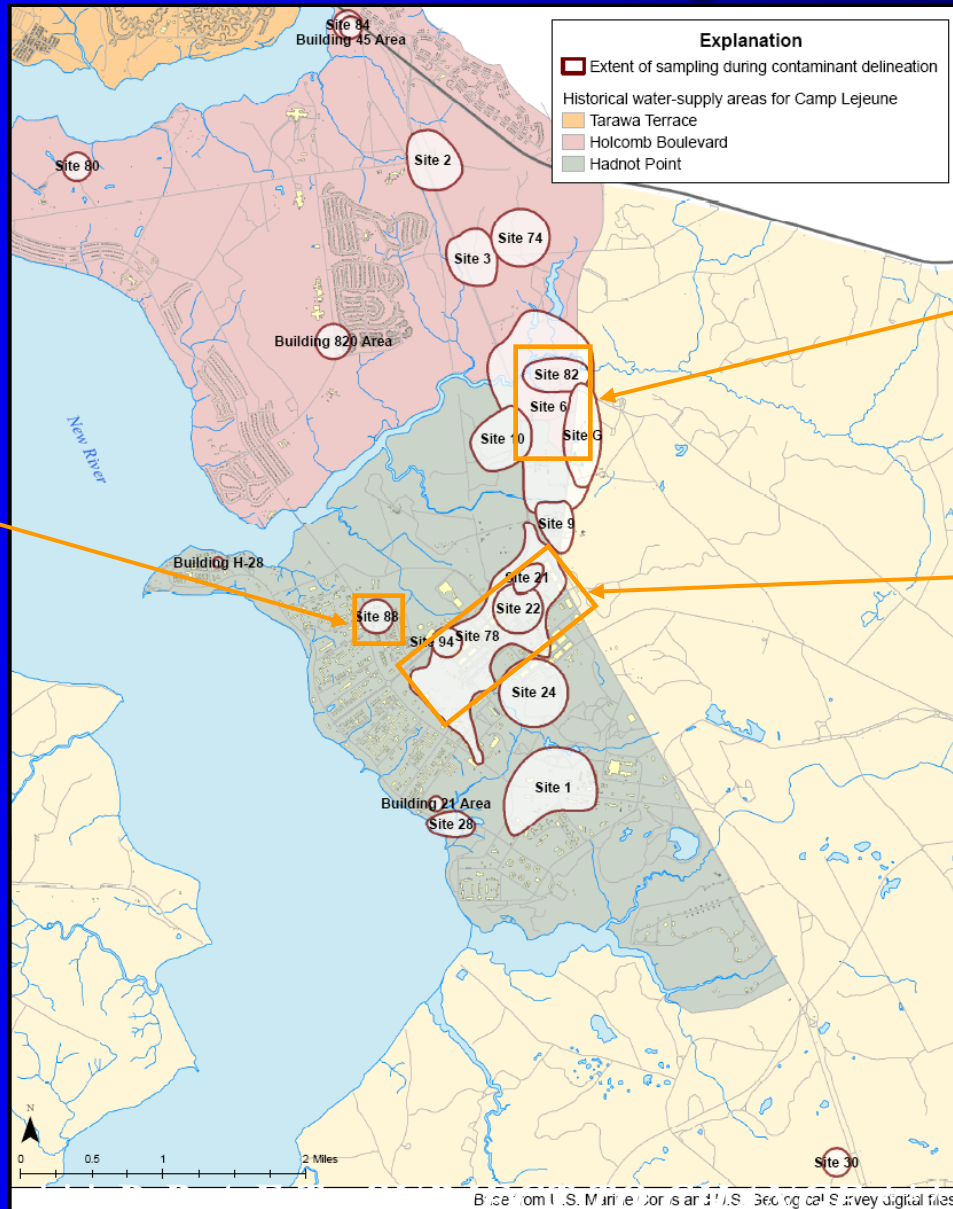
Item	Hadnot Point and vicinity	Tarawa Terrace and vicinity
Active model domain	50 mi <sup>2</sup>	2.1 mi <sup>2</sup>
Wells and boreholes (including hydropunch)	868*	222
Water-level measurements	5,407*	789
Groundwater samples analyzed for chlorinated solvents (PCE, TCE, DCE, Vinyl Chloride)	2,420*	192
Groundwater samples analyzed for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)	2,611*	191
Supply well tests	69 supply wells 132 pump/aquifer tests	15 supply wells <sup>†</sup> 19 pump/aquifer tests <sup>†</sup>
Monitor well tests	67 monitor wells 25 pump/aquifer tests 60 slug tests	14 monitor wells 14 pump/aquifer tests

\* Does not include data from over 100 reports that summarize underground storage tank (UST) and aboveground storage tank (AST) subsurface investigations.

<sup>†</sup> Includes data from 6 Monitor and 3 Pn supply wells.

**\*\*\* DRAFT - SUBJECT TO CHANGE \*\*\***

# Subsurface Investigation Sites

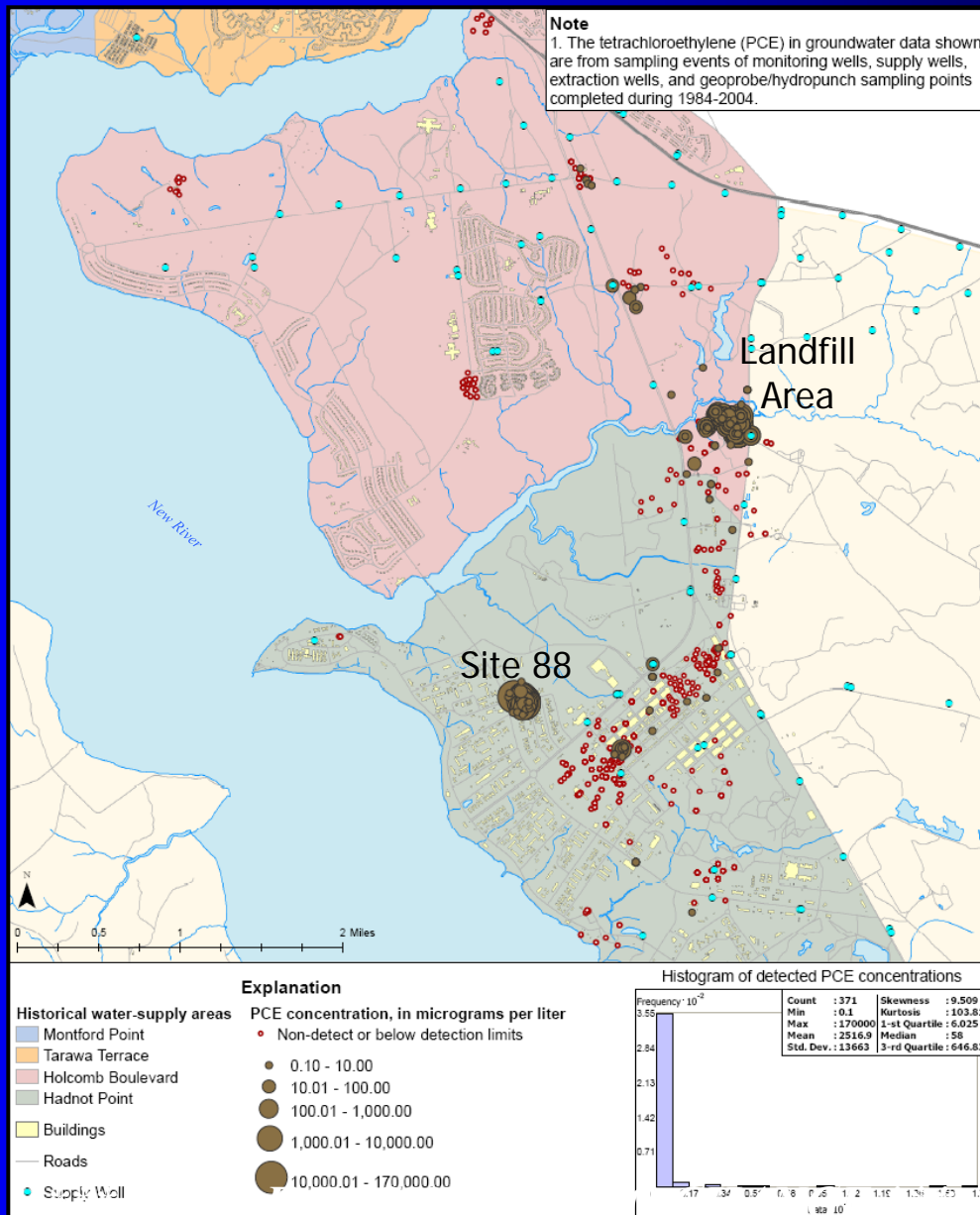


Landfill Area

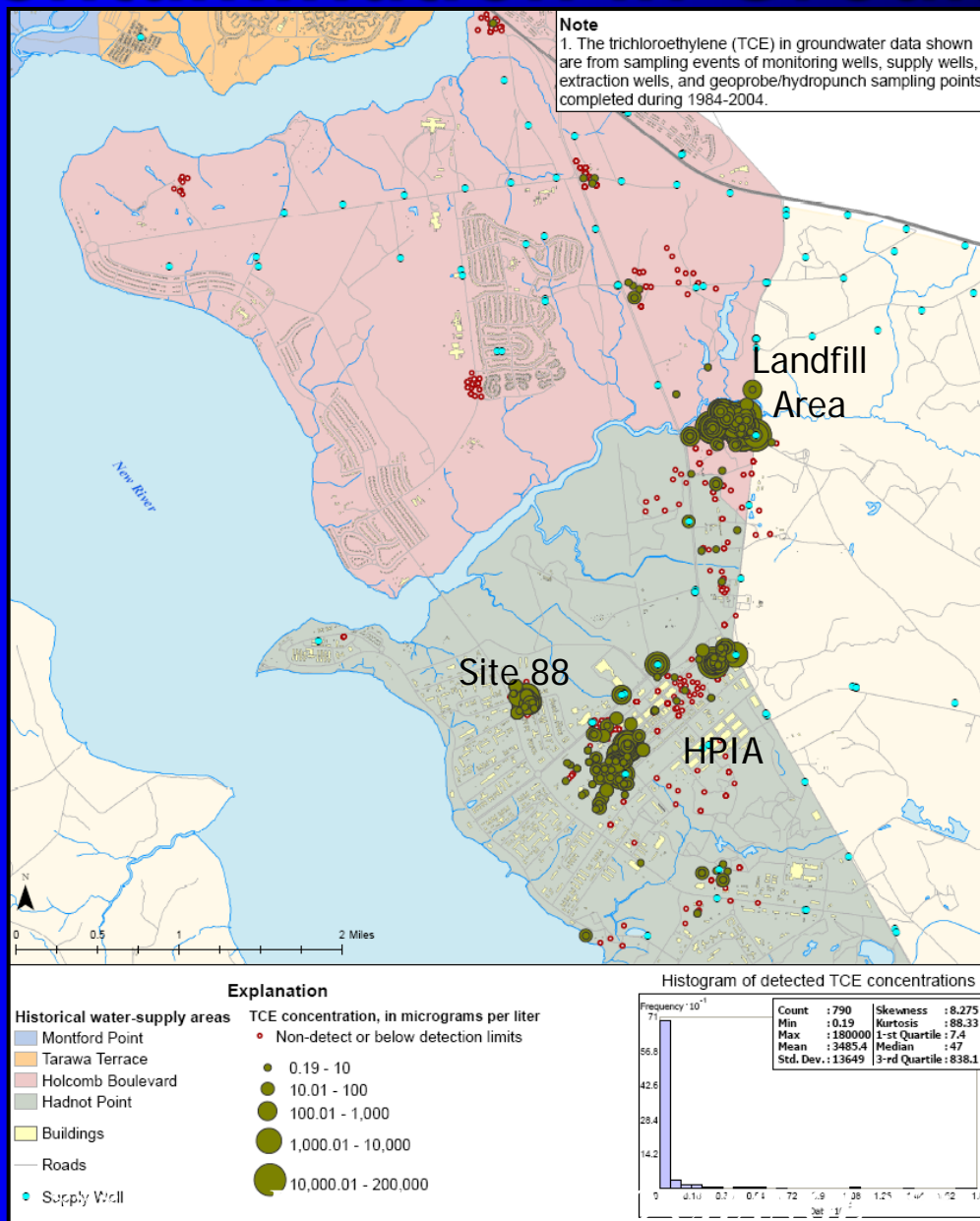
Hadnot Point Industrial Area

Site 88

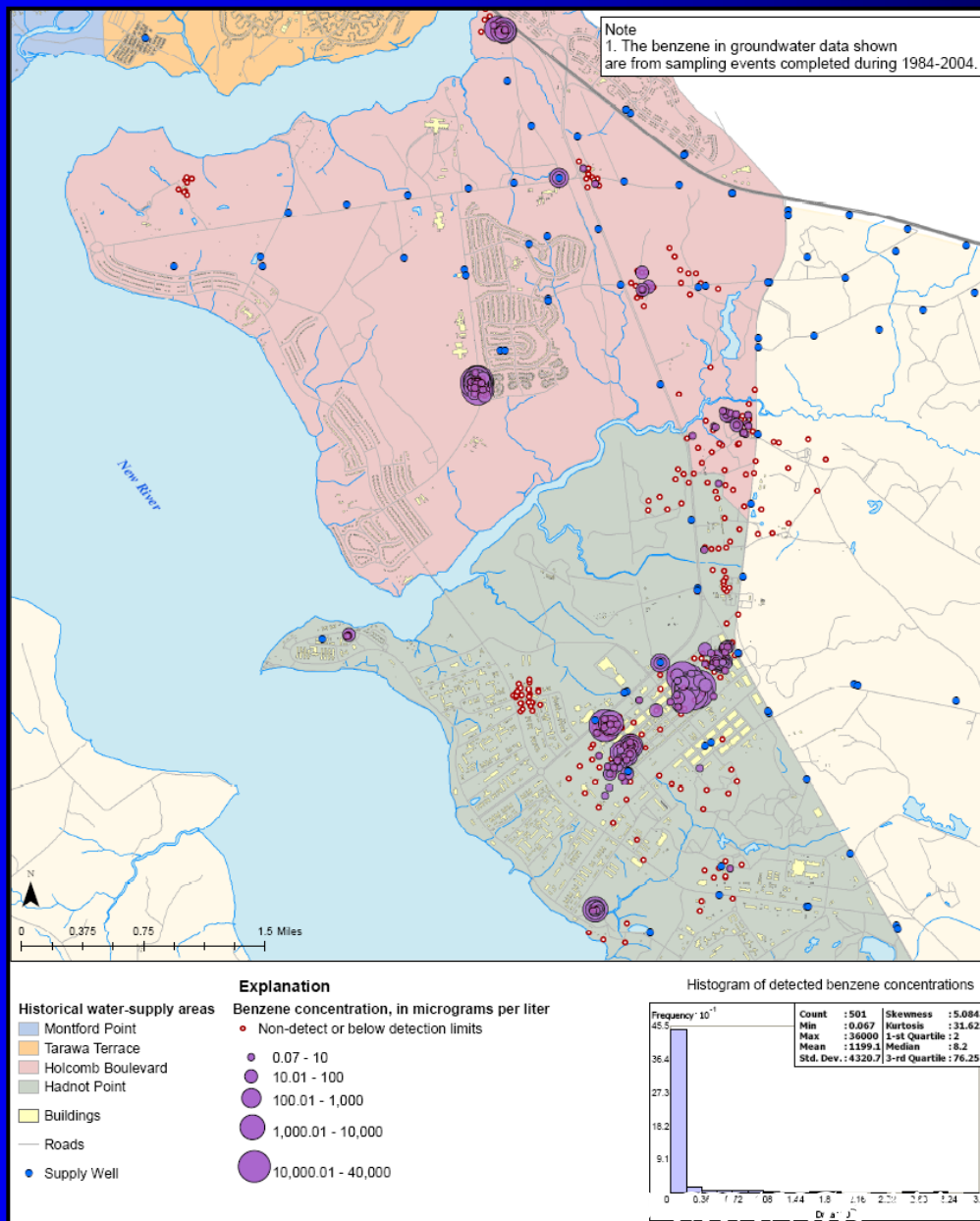
# PCE Contamination in Groundwater



# TCE Contamination in Groundwater



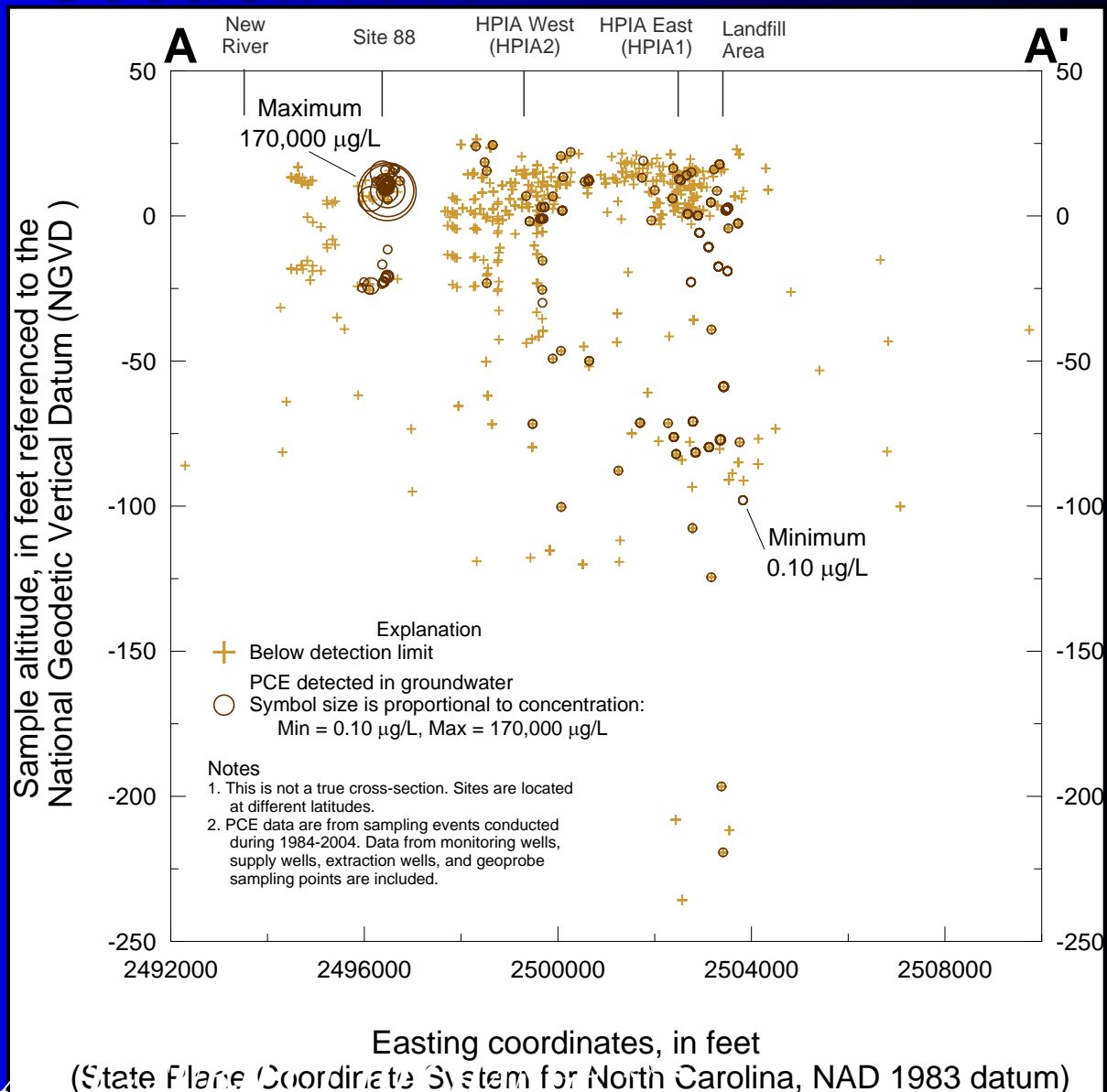
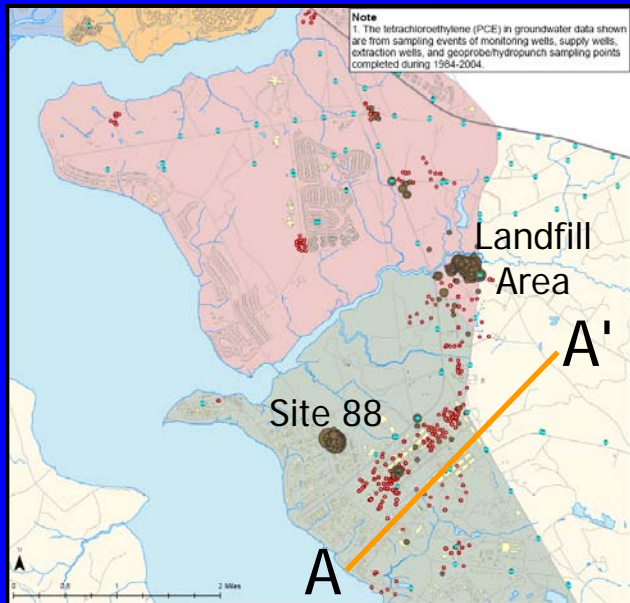
# Benzene Contamination in Groundwater



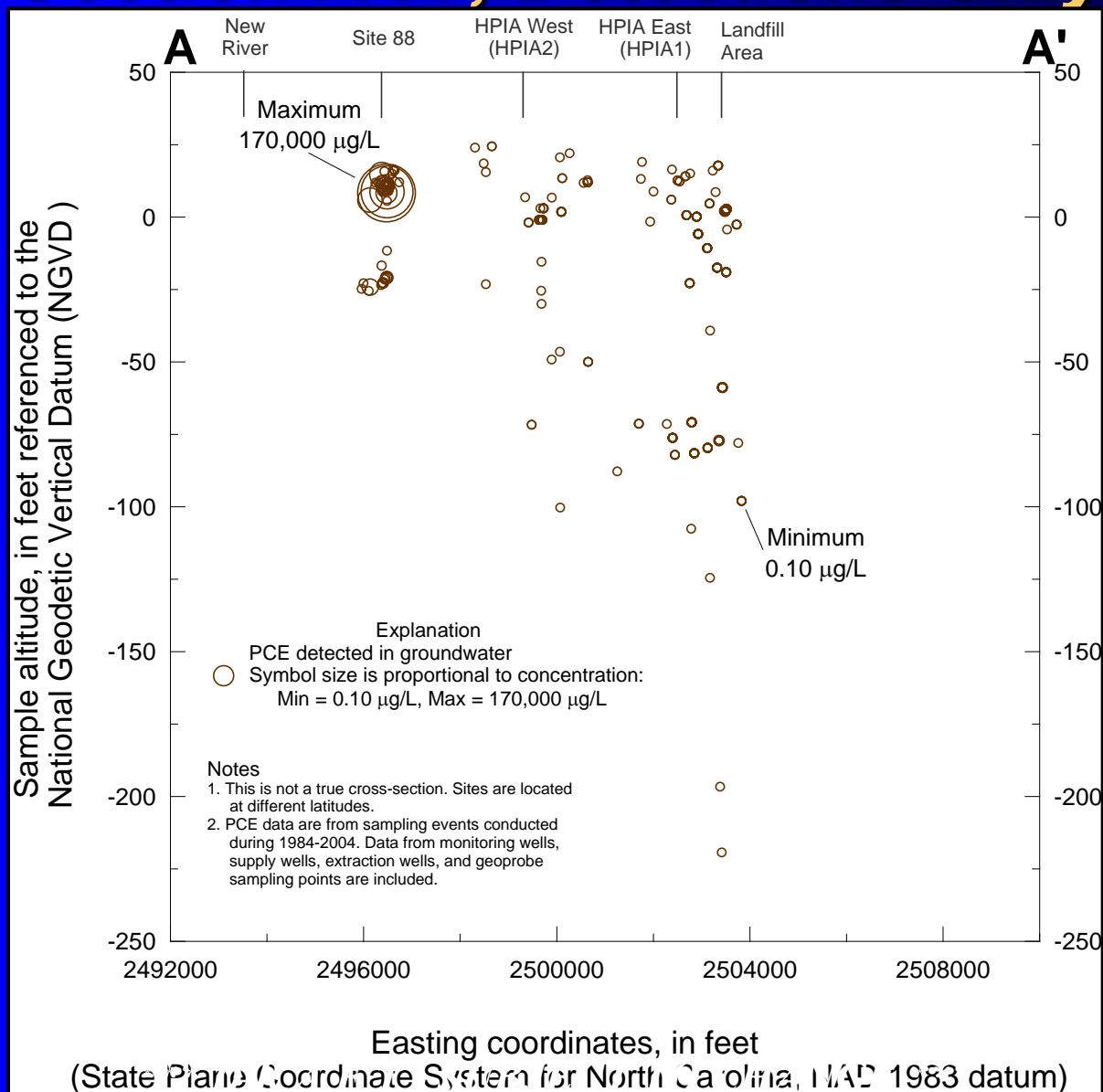


# PCE Contamination in Groundwater

## Section A-A'

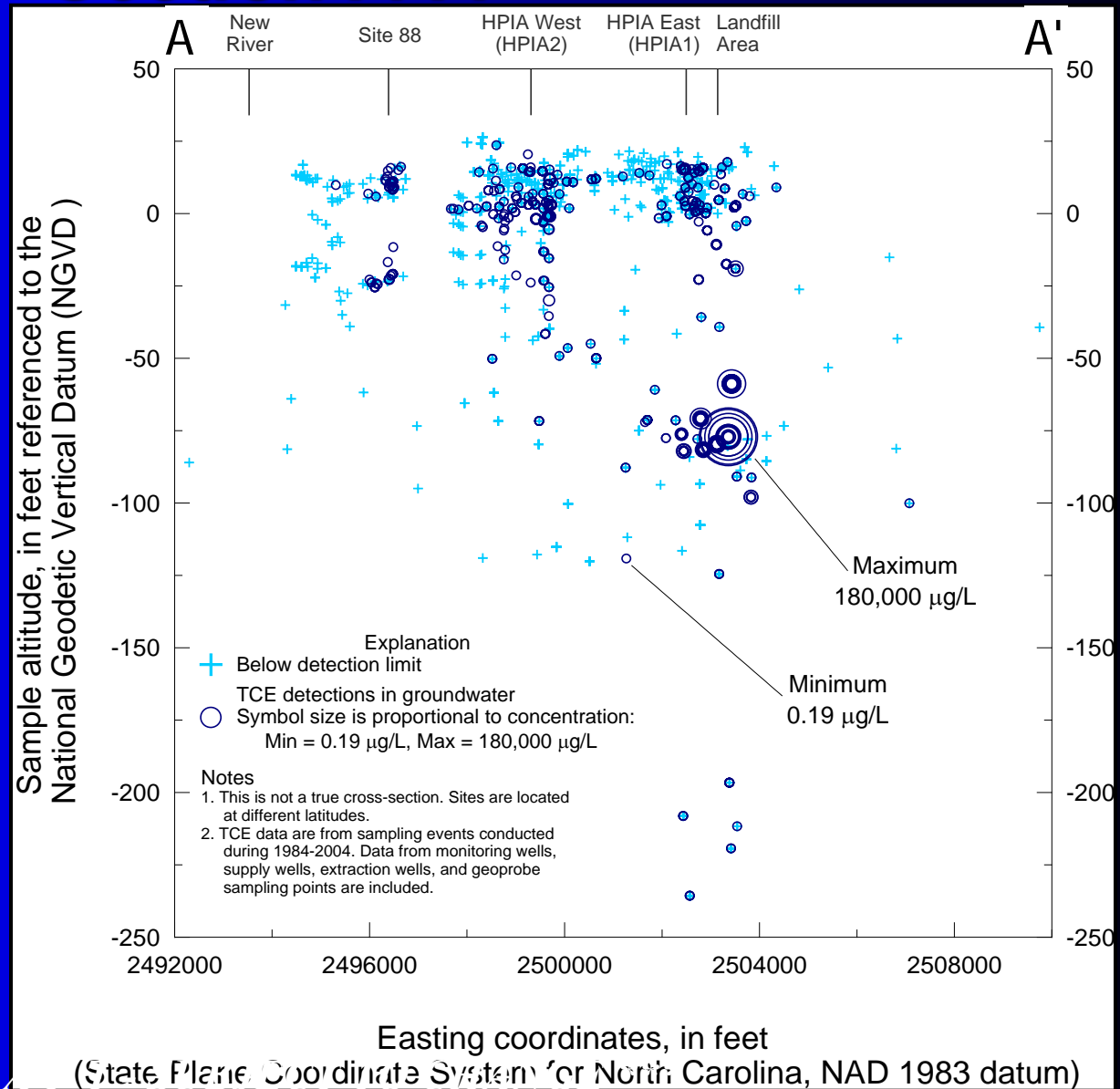
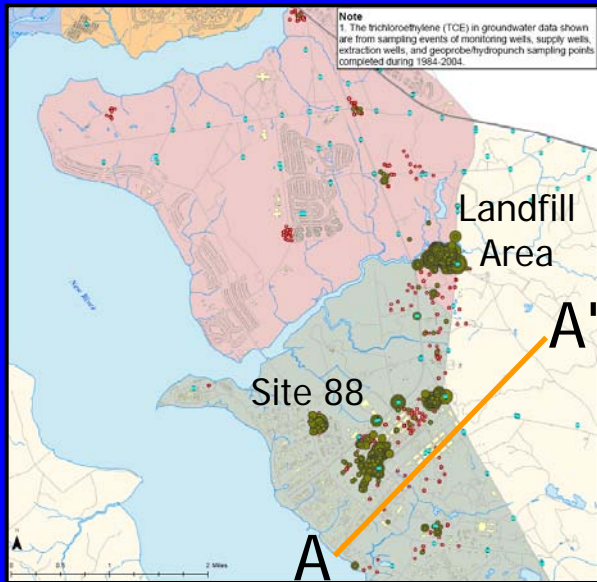


# PCE Contamination in Groundwater Section A-A', Detections Only

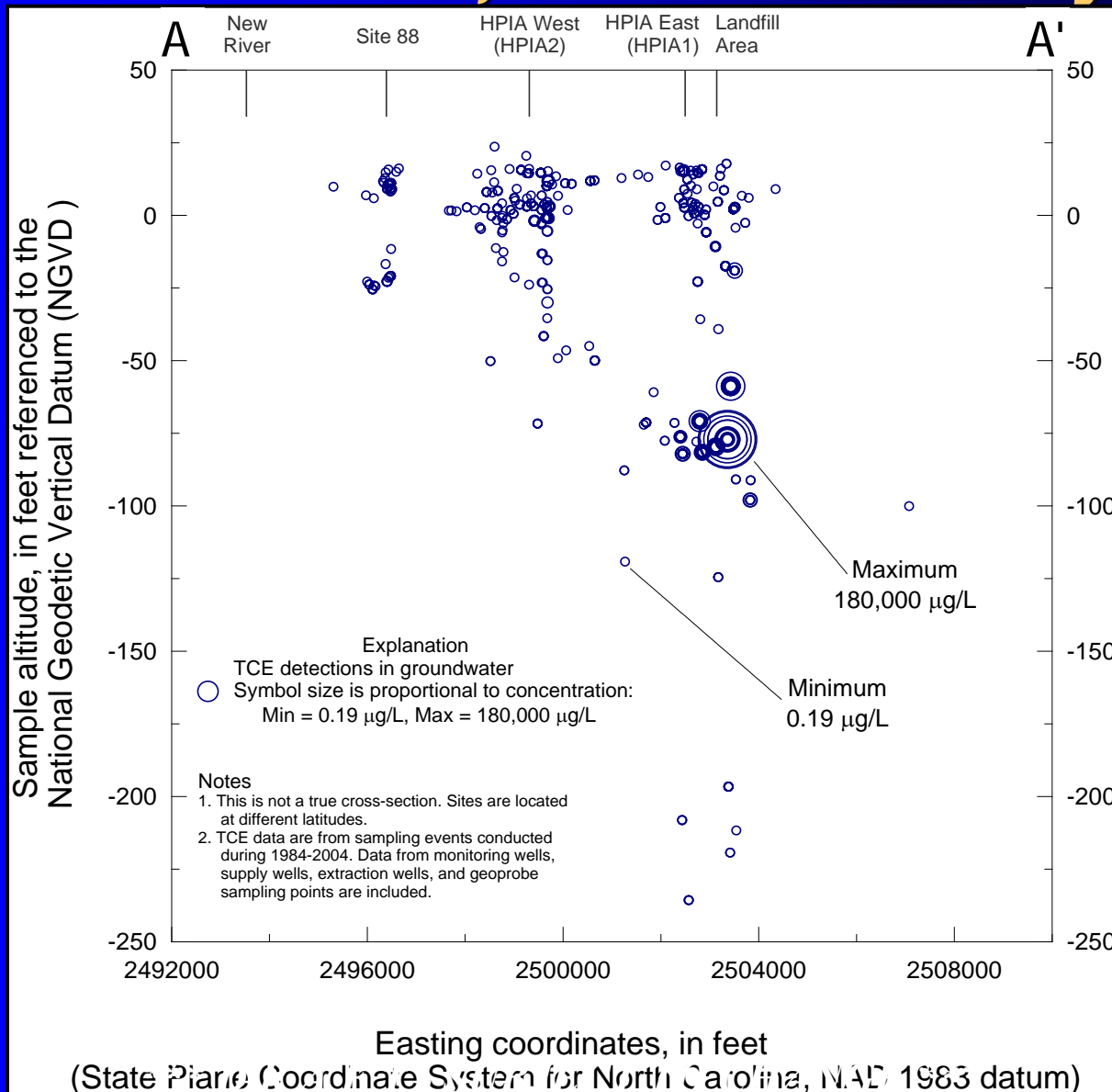


# TCE Contamination in Groundwater

## Section A-A'

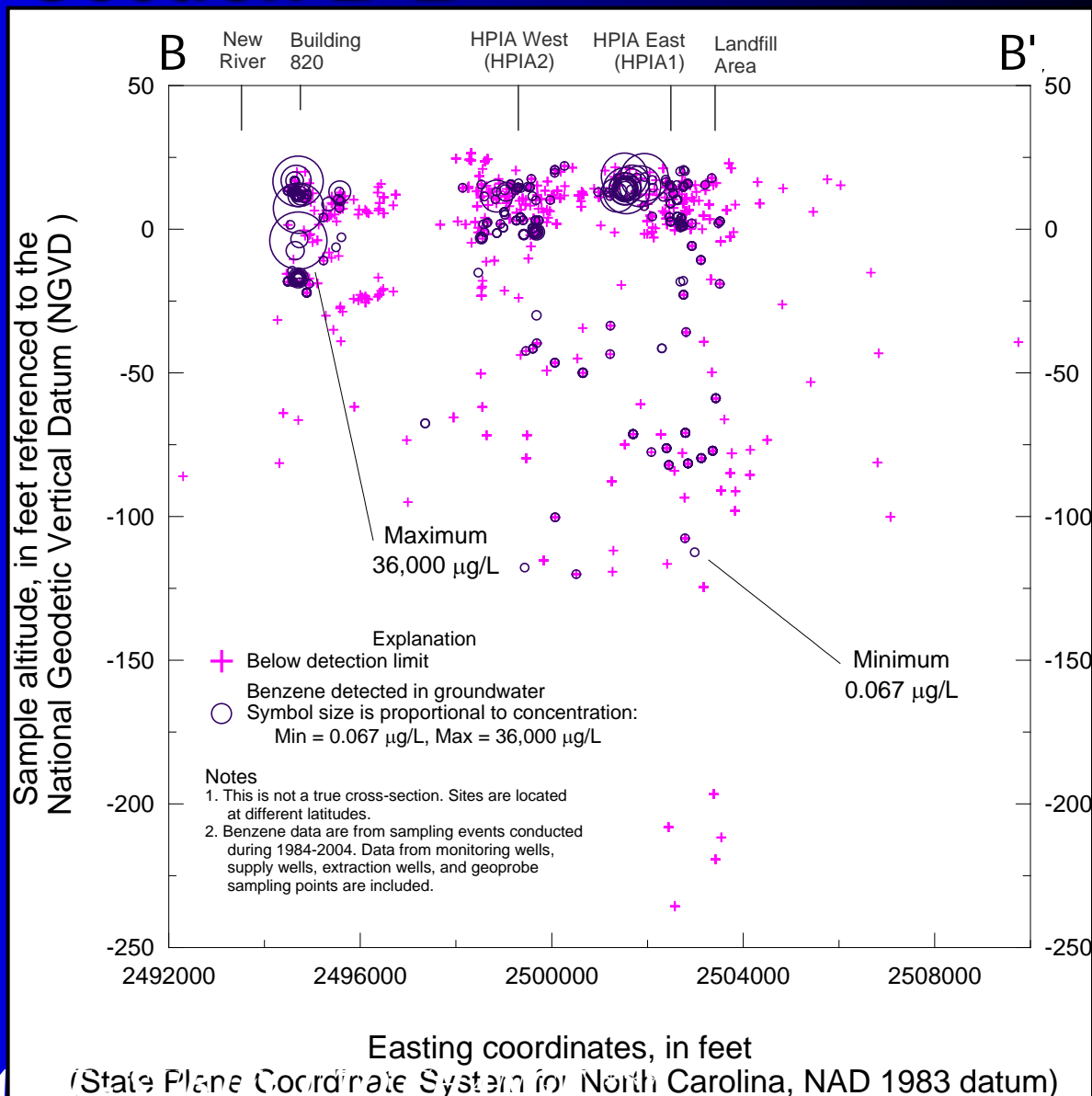
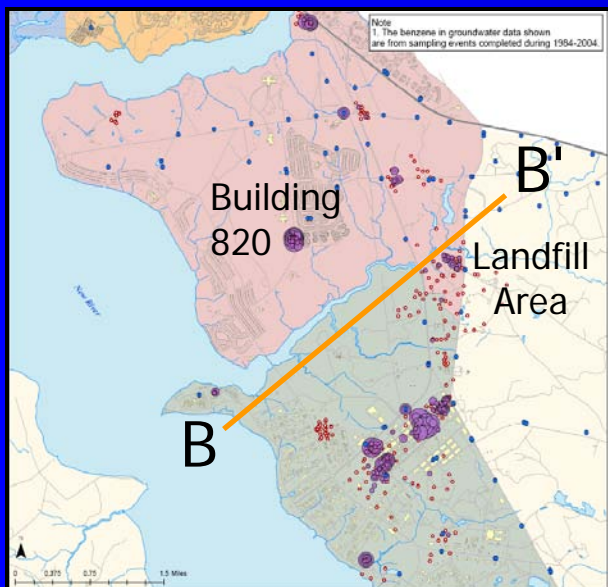


# TCE Contamination in Groundwater Section A-A', Detections Only



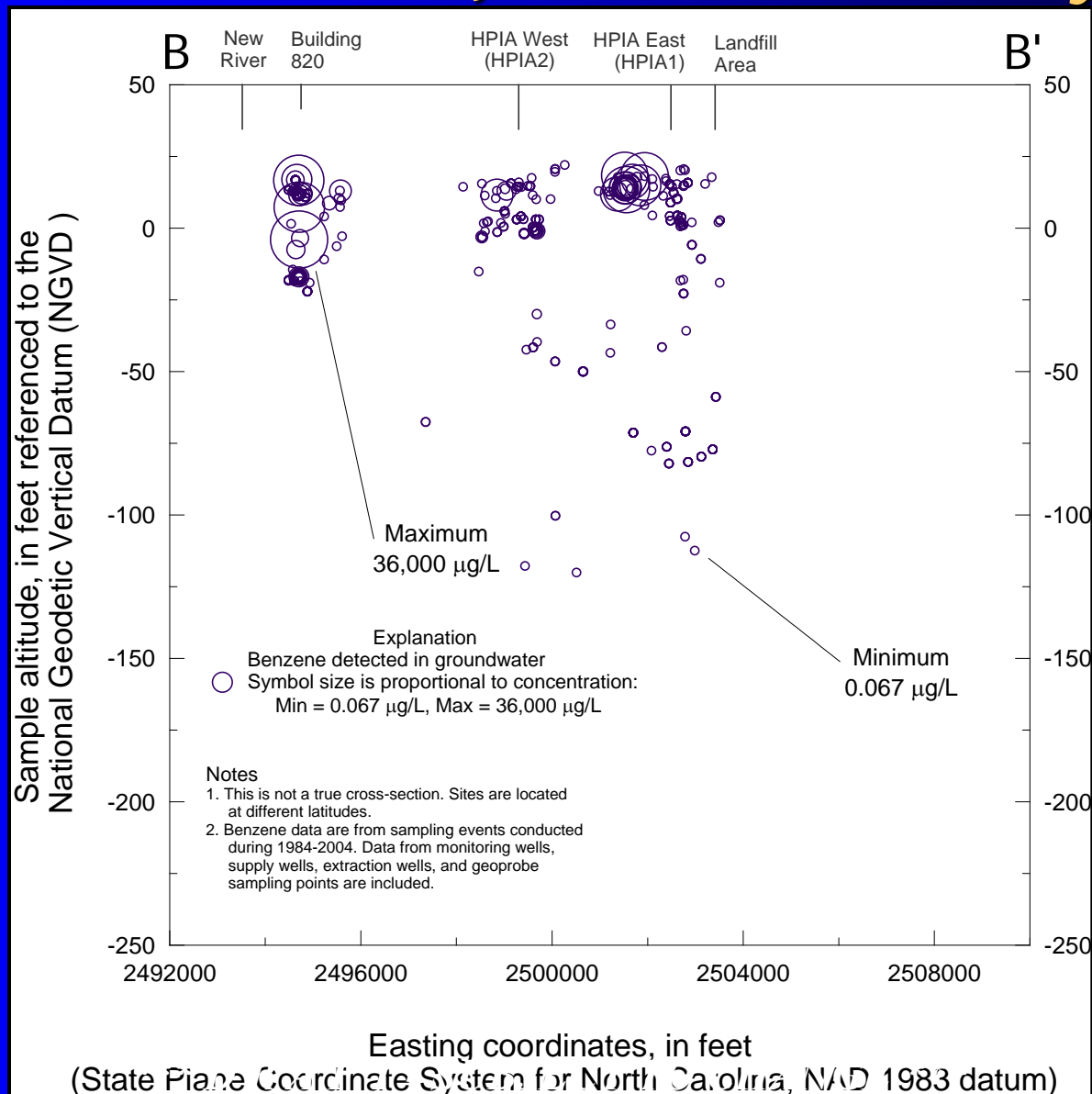
# Benzene Contamination in Groundwater

## Section B-B'

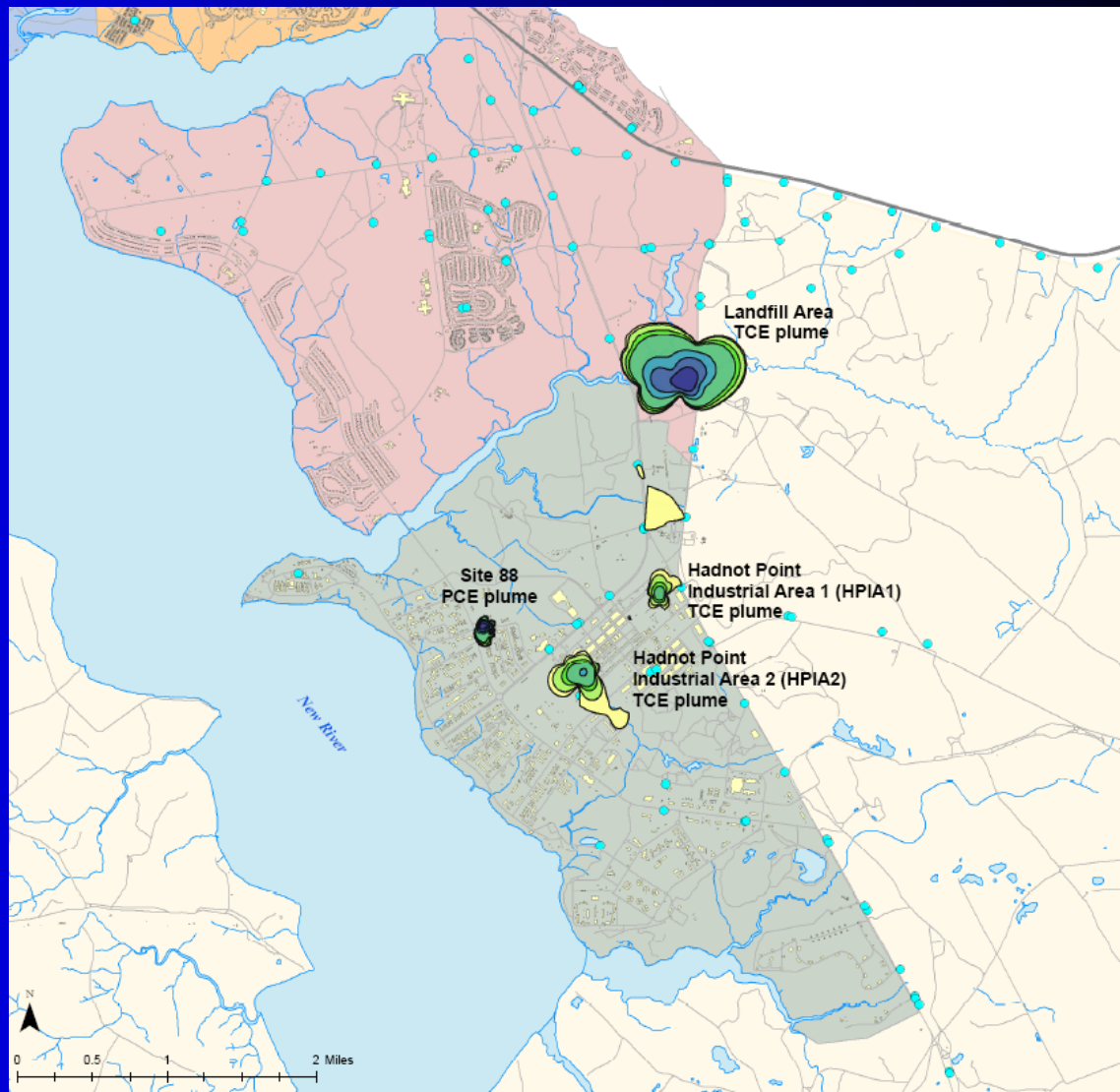


\*\*\* D R A

# Benzene Contamination in Groundwater Section B-B', Detections Only



# Primary TCE and PCE plumes in groundwater



Explanation	
Historical water-supply areas	Contaminant concentration, in micrograms per liter
Montford Point	0 - 100
Tarawa Terrace	Greater than 100 - 500
Holcomb Boulevard	Greater than 500 - 1,000
Hadnot Point	Greater than 1,000 - 5,000
Buildings	Greater than 5,000 - 10,000
Roads	Greater than 10,000 - 20,000
Drinking Water Supply Well	Greater than 20,000

# *Questions?*