

The Dry-Cleaning Solvent Cleanup Act Program



NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

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<http://portal.ncdenr.org/web/wm/dsca>

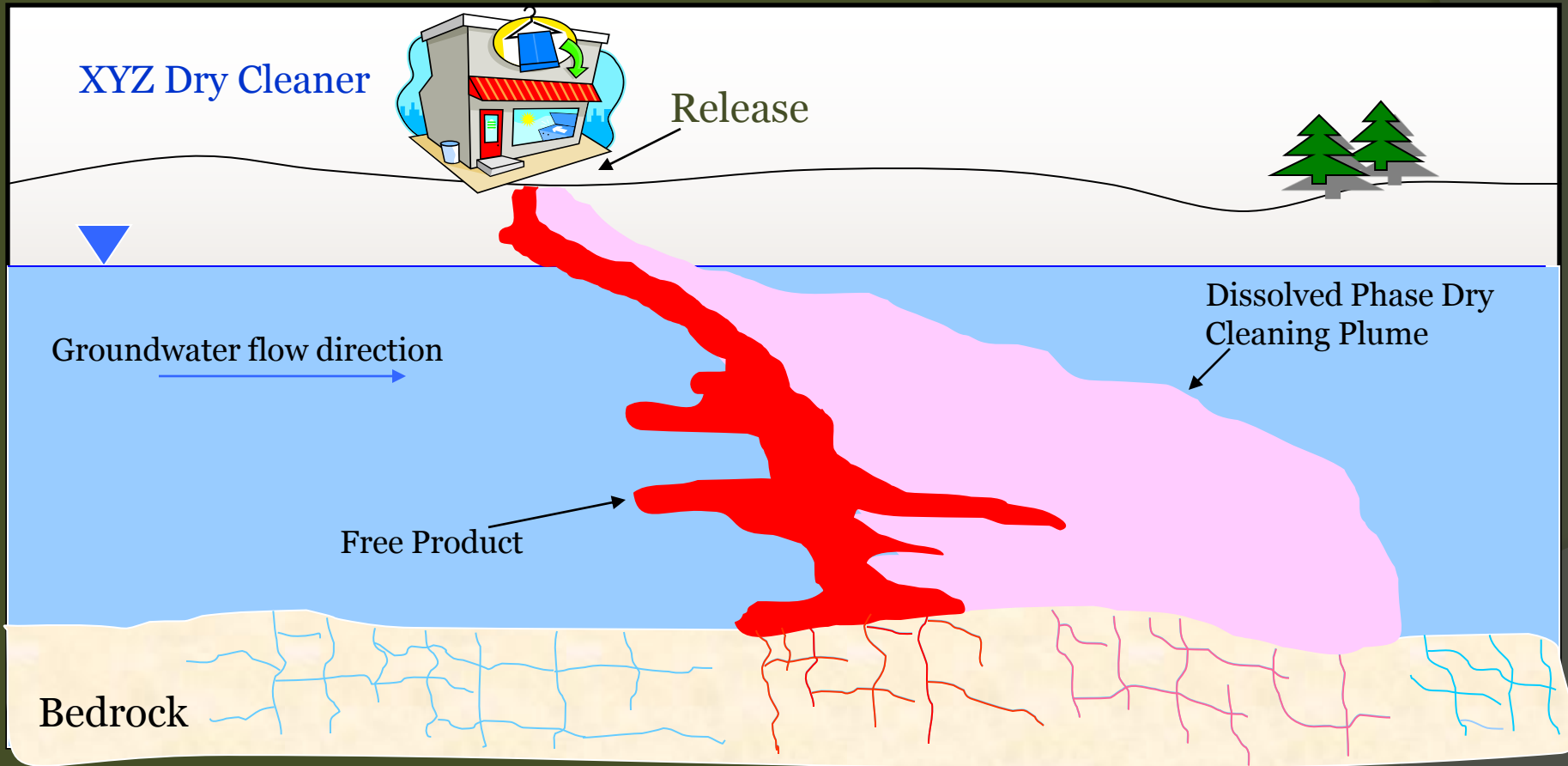
Program Elements

- ◎ State-Funded, Voluntary Cleanup Program for Contaminated Dry-Cleaning Sites and Wholesale Solvent Distribution Sites
- ◎ Compliance Program to Prevent Future Releases at Operating Dry-Cleaners

Brief History

- 1997 Dry-Cleaning Solvent Cleanup Act
- 2000 Minimum Management Practices and funding changes adopted
- 2003 Dry-cleaning services sales tax receipts
- 2007 Risk-based rules adopted
- 2010 Program and funding re-authorized

Why is a cleanup program needed?



Dry-Cleaners in North Carolina

- ◎ Active Dry-Cleaners: 705
- ◎ Estimated # of Active & Abandoned Dry-Cleaners: 2000
- ◎ Estimated Percentage of Dry-Cleaners with Contamination: 75%
- ◎ Estimated # of Contaminated Dry-Cleaning Sites in NC: 1500

Cleanup Program Features

- ◎ Voluntary
- ◎ Environmental Work by State-Lead Independent Contractors
- ◎ Risk-Based Cleanup Goals
- ◎ Liability Protection
- ◎ Fund Pays Majority of Cleanup Costs
 - Assessment
 - Remediation
 - Actions to Protect Public Health

How it Works

- ◎ A dry-cleaner or property owner is eligible to petition a site into the Program
- ◎ The Petitioner agrees to:
 - Pay the application fee (\$1000) and 1%-2% of the site costs to the Fund
 - Secure access to the site
 - Abide by the dry-cleaning minimum management practices
- ◎ An agreement is executed with the eligible Petitioner(s) and site assessment work begins

Cleanup Program Site Statistics

- ◎ 357 Identified Contaminated Sites
- ◎ 280 Sites Certified in Program
 - 233 sites undergoing Assessment/Remediation
 - 21 sites are No Further Action
 - 26 sites are being prepared for No Further Action

FY 2010-11 Funding Stats

Receipts

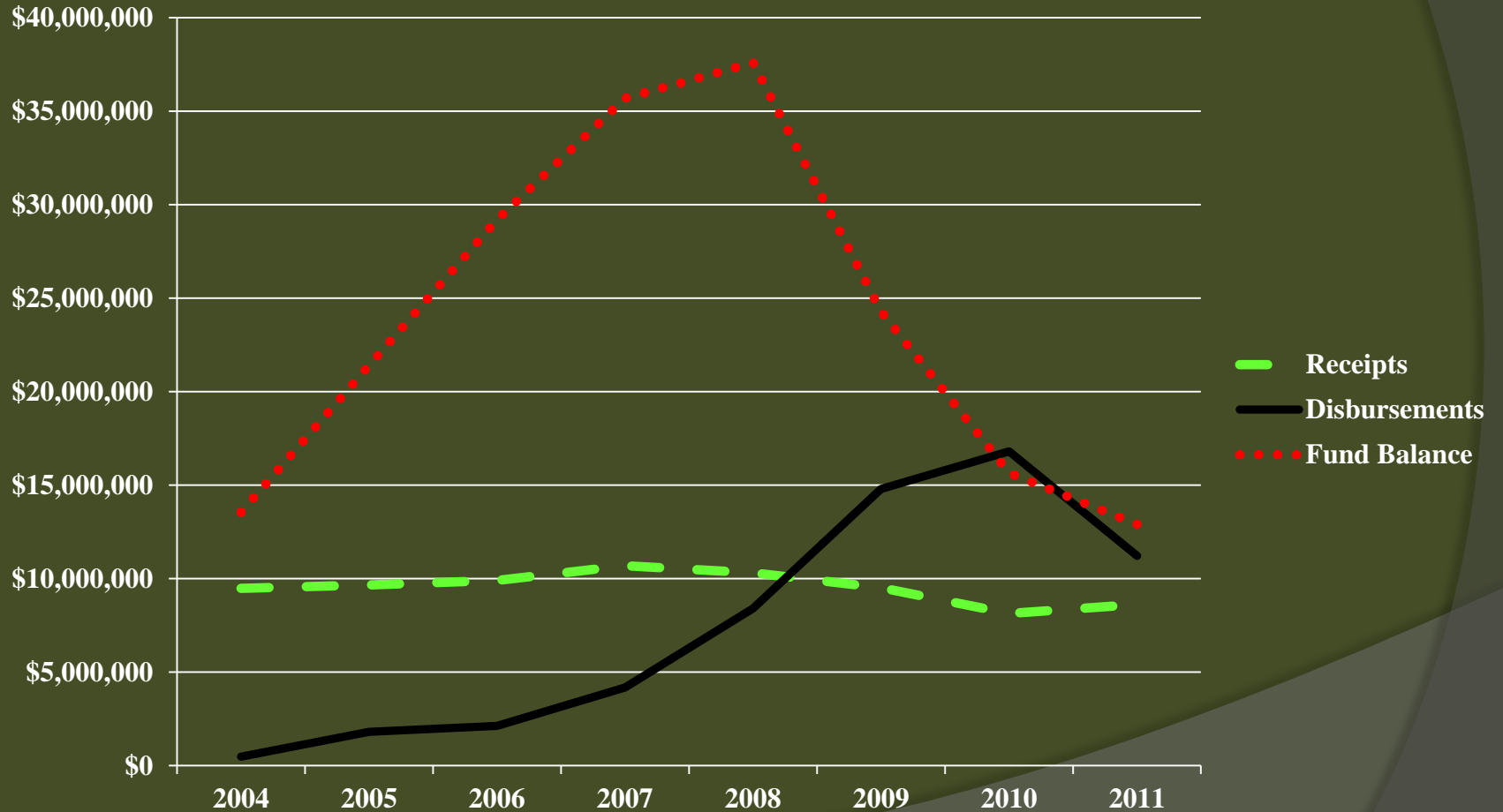
Solvent Tax Revenue:	\$424,212
Sales Tax Revenue:	\$7,820,356
Petitioner Payments	\$233,957
Misc (file copying)	\$265
<u>Interest</u>	<u>\$149,014</u>
<i>Total</i>	\$8,627,804

FY 2010-11 Funding Stats

Disbursements

Contracts	\$9,402,961
Well Permit Fees	\$48,890
Hazardous Waste Fees	\$329,793
Transfer	\$149,014
<u>DENR Administration</u>	<u>\$1,440,497</u>
<i>Total</i>	\$11,371,155

Fund History



Accomplishments

- ◎ 21 cleanup sites closed (No Further Action)
- ◎ 26 additional cleanup sites ready for closure
- ◎ 34 residences and nine businesses connected to clean water supply
- ◎ Four residences and 30 businesses mitigated due to intrusion of vapors into structures
- ◎ 51 cleanup sites with soil remediation performed
- ◎ 34 cleanup sites with groundwater remediation performed

Addressing Immediate Threats to Public Health



Estimated Extent of Plume

Community Art Studios

SITE

Location of initial permeable reactive barrier

Impacted Stream with Adjacent Greenway

Portion of Stream Where PCE Impacts Remediated

Community Recreation Center

Community Benefit from Protection of Stream



Compliance Mission:

Preventing Future Releases

Compliance

- ◎ Minimum Management Practices
- ◎ Compliance Staff
- ◎ Multimedia Inspectors
 - MMPs
 - Hazardous Waste
 - Air Quality
- ◎ Compliance Assistance



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