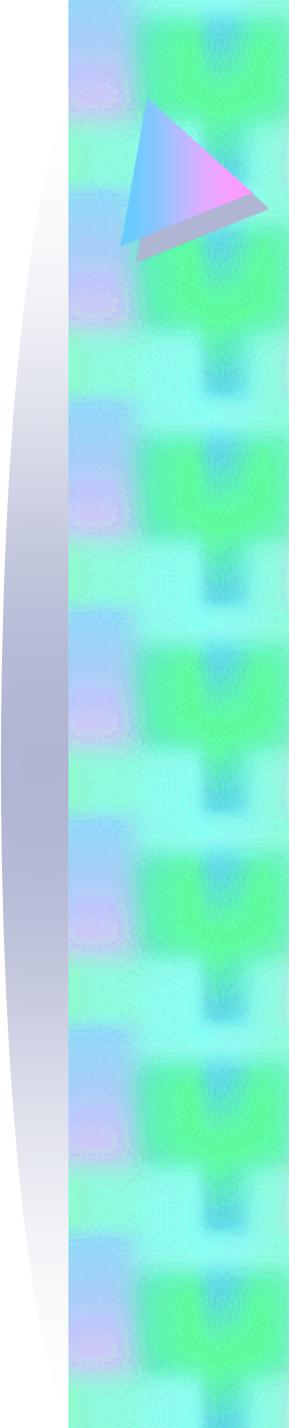
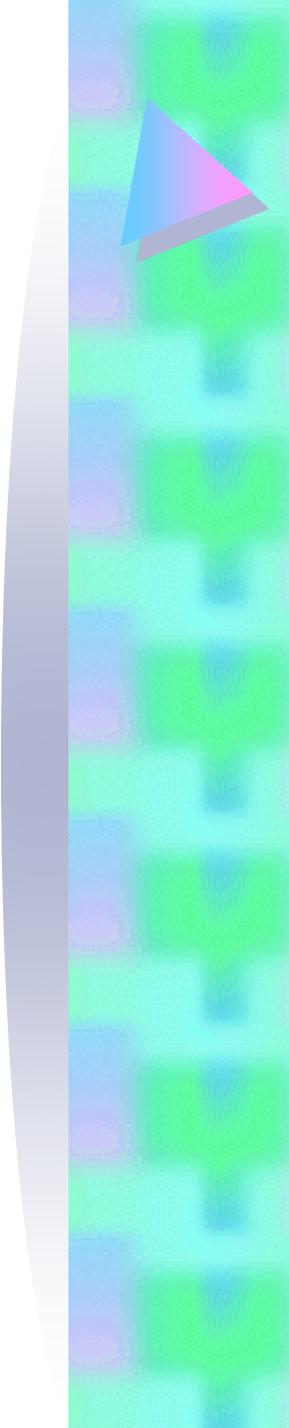


Lori Spagnolo
Program Manager,
Corrective Action Group
DNREC-Tank Management
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History Of Delaware's Tank Management Program

- **1985 Delaware Underground Storage Tank ACT (DUSTA)**
- **1990 First Regulations Promulgated**
- **1998 Deadline for Compliance**
- **2005 Energy Policy Act**
- **2014 Revisions to DUSTA**
 - Lender Liability Protections
 - Strict, Joint and Several Liability
 - Due Diligence Clause
 - Only covers Petroleum Contaminants!



Leaking Underground Storage Tank (LUST) Program

- **Compliance Inspections**
- **Emergency Response Incidents**
- **Sampling Requirements**
 - **Closures**
 - **Removals**
 - **Retrofits**
- **Hydrogeologic Investigations**
 - **Eliminate risk pathways**
- **Well – Impact Investigations**
- **Remedial Activities**
- **NFA**

Typical Contaminants Found at LUST Sites

- **Petroleum Contaminants of Concern (CoCs)**
 - **Benzene**
 - **Toluene**
 - **Ethylbenzene**
 - **Xylene**
 - **Methyl –t-butyl ether (MTBE)**
 - **Lead**
 - **1,2 Dibromoethane (EDB)**
 - **PAHs**

Who Owns Gas Stations in Delaware

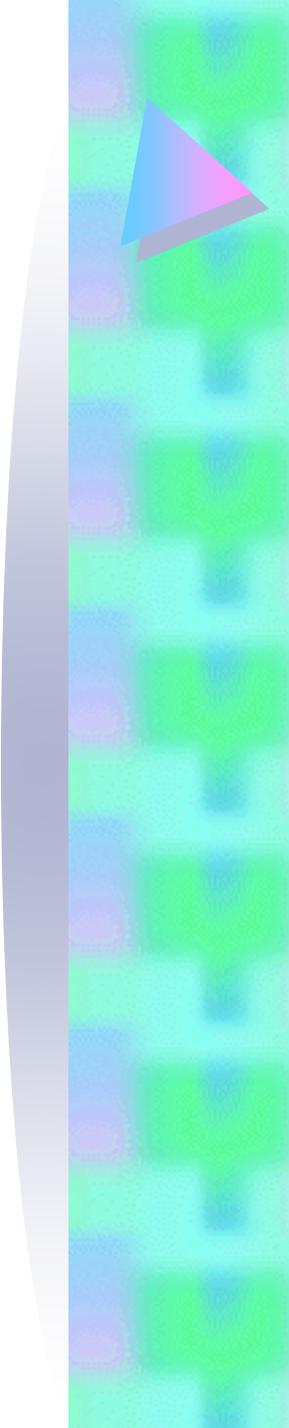
| Owner | Number of Facilities Owned |
|----------------------------|----------------------------|
| GPM (BP/Valero/Shore Stop) | 63 |
| SMO (Shell/Dash In) | 44 |
| WaWa | 28 |
| Royal Farms | 26 |
| Sunoco Inc. | 10 |
| Wilson Baker | 9 |
| OM-Shiv Groceries (Bodies) | 5 |
| Service Oil Company | 5 |

- 8 owners who own 5 or more facilities (65%)
- 9 owners who own 2 to 4 facilities (8%)
- 81 owners who own only a single facility (27%)

Changing Industry Demographics

Abandoned, Orphan and Enforcement Projects





Assistance Available

- **First Fund Program**
 - Ability to Pay
 - Orphan Tanks
- **Heating Fuel Underground Storage Tank Closure Assistance Program (HFAP)**
 - Removal of Heating Fuel Tanks <1100 G
 - Limited Overexcavation
- **BROWNFIELDS DEVELOPMENT PROGRAM**

LUST Site Redevelopment



*Former
Vesuvio Hotel*



Brownfield Site Redevelopment



*Former Ocean
Petroleum*



Brownfield Site Redevelopment

*Former
Cumberland
Farms*

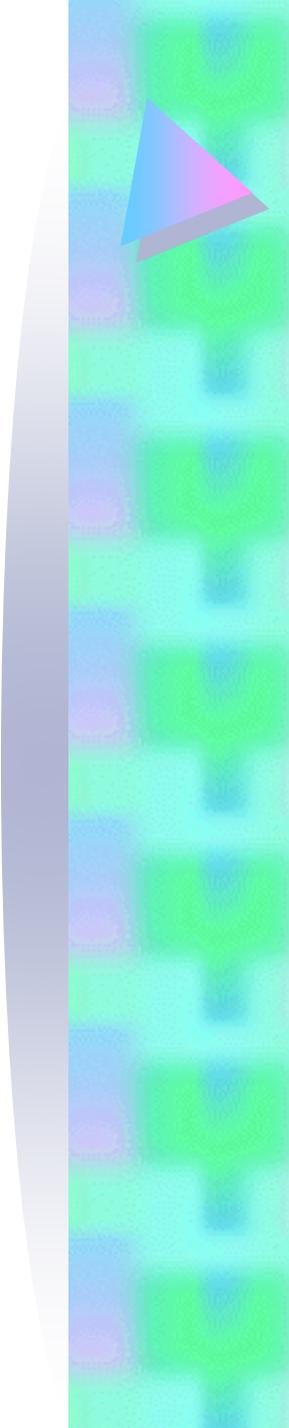


Brownfield Site Opportunities



Think Big!





Department of Natural Resources and Environmental Control

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