



Winter 2016 Issue

SCRD State Program Site Data
Committee Updates
Member State Updates

www.drycleancoalition.org

SCRD State Program Site Data through June 2015 (Cumulative)

	Program Sites	Assessments Initiated	Assessments Completed	Remediation Initiated	Remediation Completed	Closed Sites
Alabama	104	11	4	1	0	7
Florida	1,422	382	343	227	158	169
Illinois	788	788	602	105	44	435
Kansas	164	78	69	45	24	14
Missouri	42	42	20	11	9	21
North Carolina	371	371	230	122	62	56
South Carolina	404	290	35	18	4	144
Tennessee	113	64	62	62	50	50
Texas	269	267	224	58	10	60
Wisconsin	230	196	132	81	39	83
Totals	4,218	2,724	1,948	974	582	1,171

Investigation-Derived Waste

- IDW shipped from site without EPA identification number.
- Hazardous waste shipped from DEP DC site using drycleaners EPA ID number.
- One of our cleanup contractors identified themselves as the generator.
- Manifests need to be legible.
- Post generator's name & mailing address in Box 5: FDEP Shangri La Cleaners
2600 Blair Stone Road, Mail Station 4520 Tallahassee, Florida 32399-3000.
- DEP project managers need to forward a copy of all hazardous waste manifests to me as soon as they are received.
- Wastes are managed in accordance with: *Management of Contaminated Media under RCRA – DEP August 9, 2006.*

Other IDW Issues

- Segregating wastes during assessment activities
- Treating IDW onsite
- Disposal of wastewater with low contaminant concentrations

Compliance Issues



07/27/2015

Breakout Session Topics

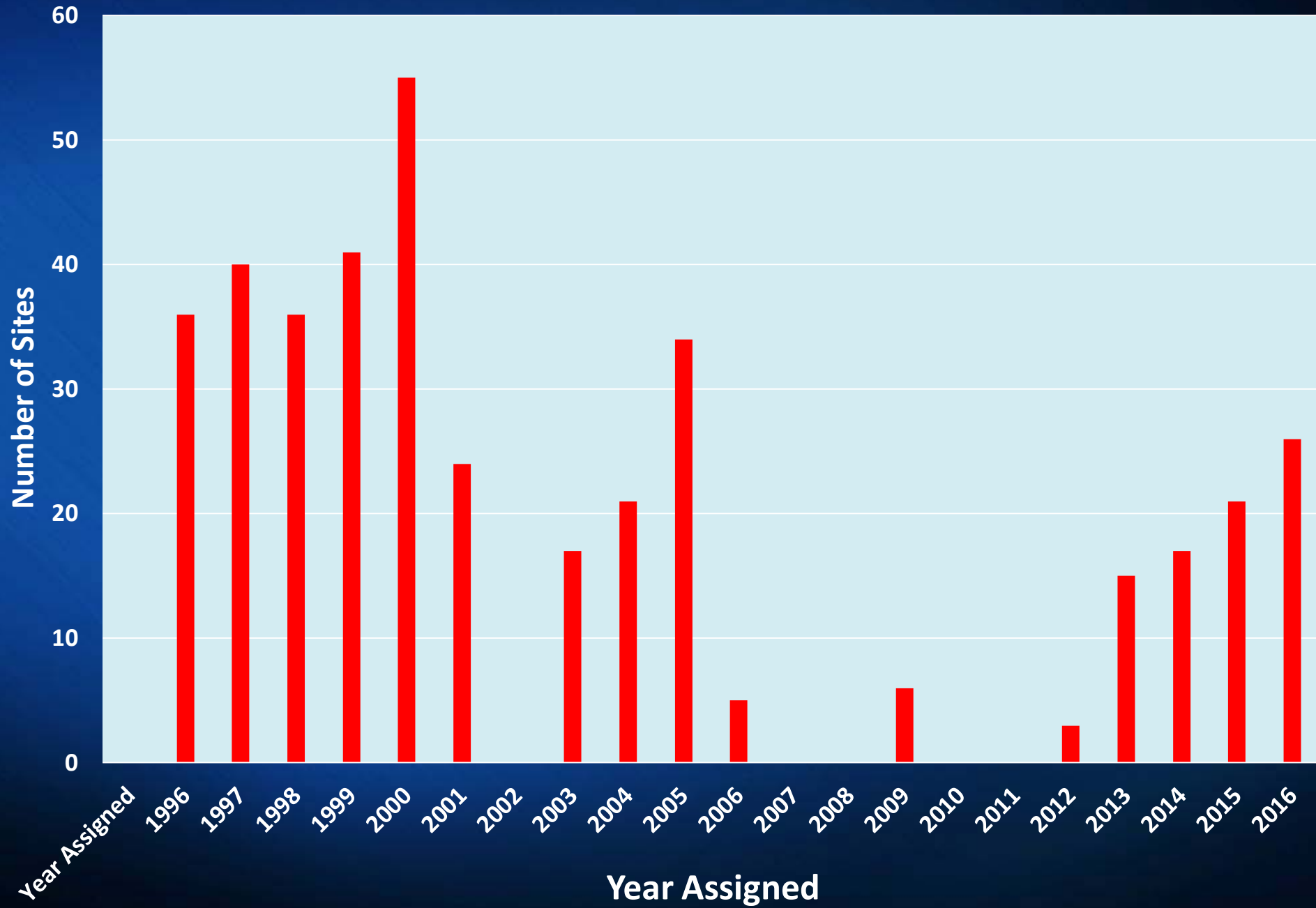
- **Assessment Work at Petroleum Solvent Sites**
- **Report Contents & Formats**
- **Conducting Site Assessments**
- **Moving from Assessment to Remediation**
- **Biostimulation/Bioaugmentation**
- **Excavation/Removal Work**
- **Improving MAGS Sampling**
- **Sites Stalled in NAM**
- **Site Conceptual Model**

Assessment



**“I’ve been down this road once or twice
before” – Jerry Jeff Walker**

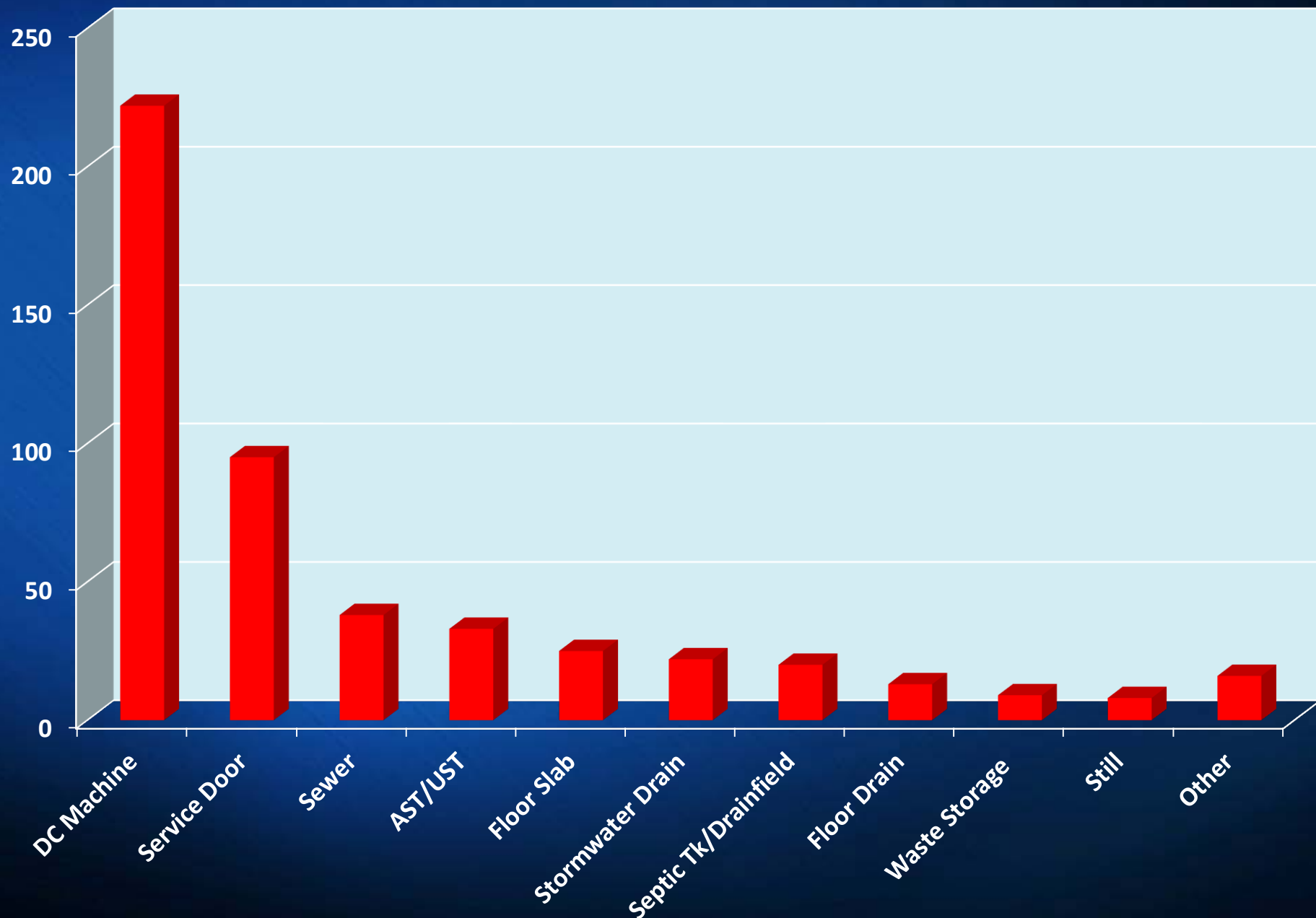
DC Sites Assigned for Site Assessment



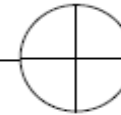
What We're Finding

- December 31, 1998: DSCP Application Deadline ~ 15.4 years ago
- Fewer active drycleaning facilities
- Changes in business and property owners
- A few razed buildings
- Offsite access often difficult to obtain.
- Lower contaminant concentrations in shallow groundwater

Identified Contaminant Source Areas at Florida DC Sites



Storm Sewer



-----**Sanitary Sewer Lateral**-----

Sewage flow Direction



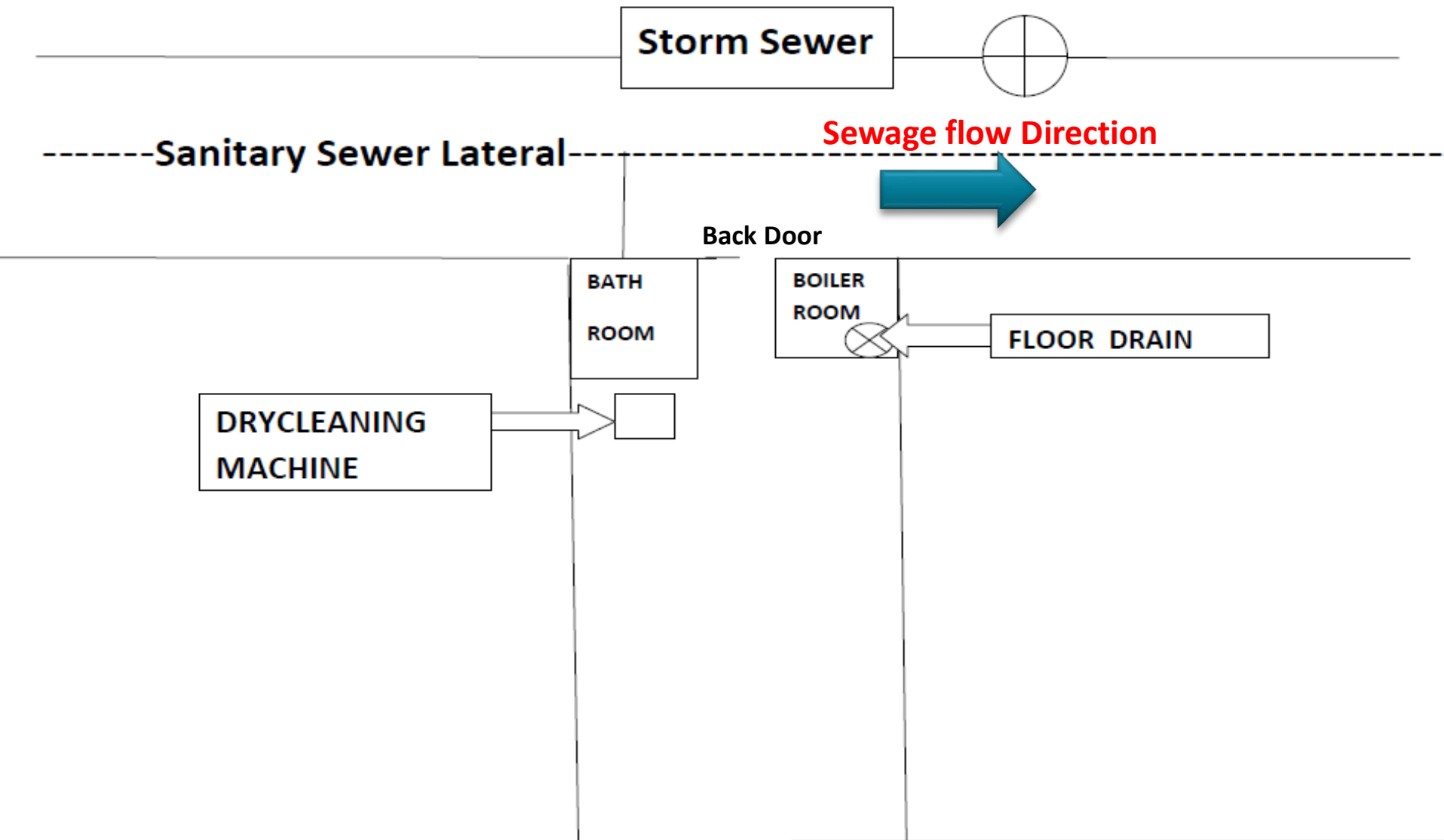
Back Door

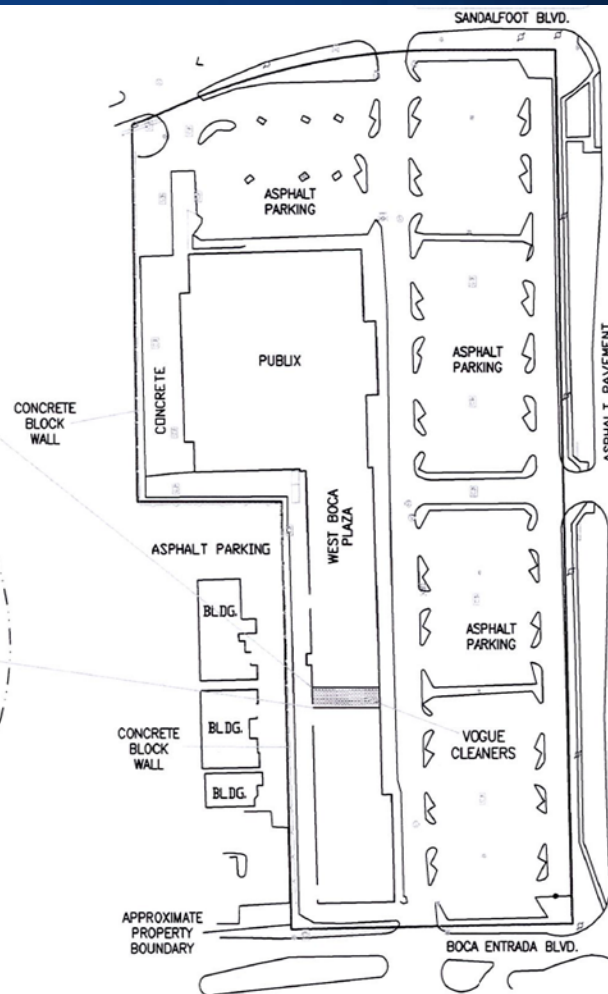
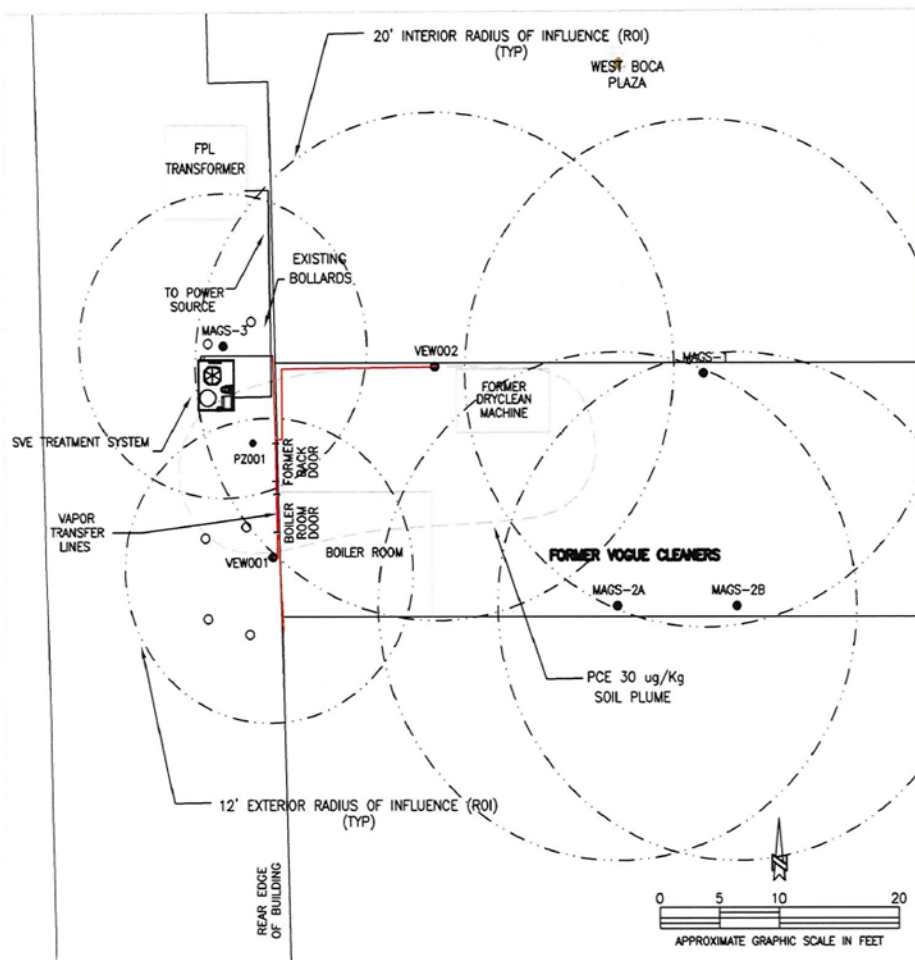
**BATH
ROOM**

**BOILER
ROOM**

FLOOR DRAIN

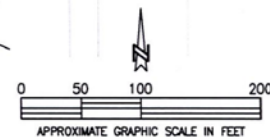
**DRYCLEANING
MACHINE**





STATE ROAD 7 / U.S. 441 (SOUTHEND)

STATE ROAD 7 / U.S. 441 (NORTHEND)



LEGEND

wall

shopping center
rental unit

SB-2 ●

Vogue Cleaners

asphalt

SB-1 ●

drycleaning
equipment

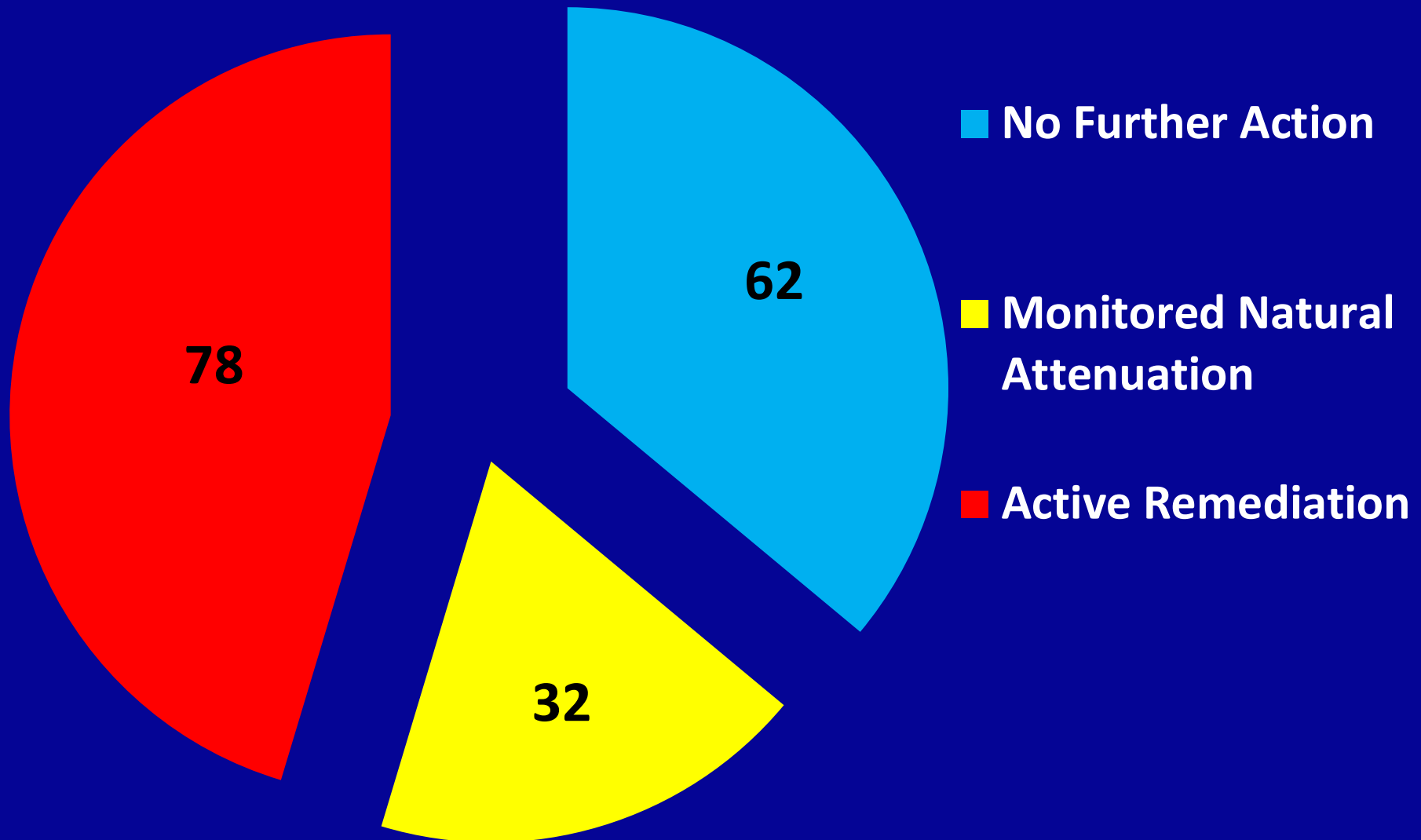
storage

Chiller

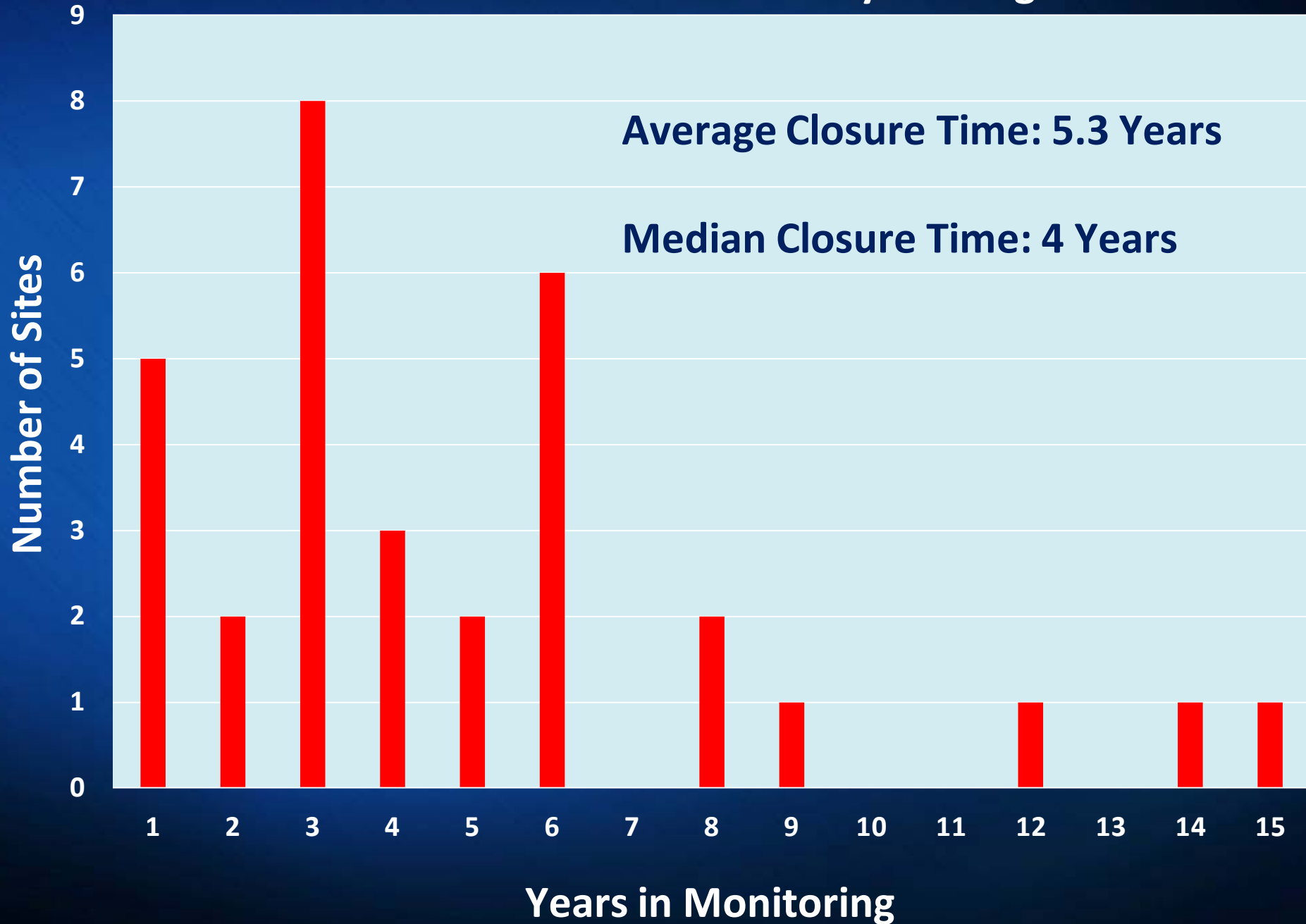
alley

shopping center
rental unit

How 172 Drycleaning Sites Were Closed



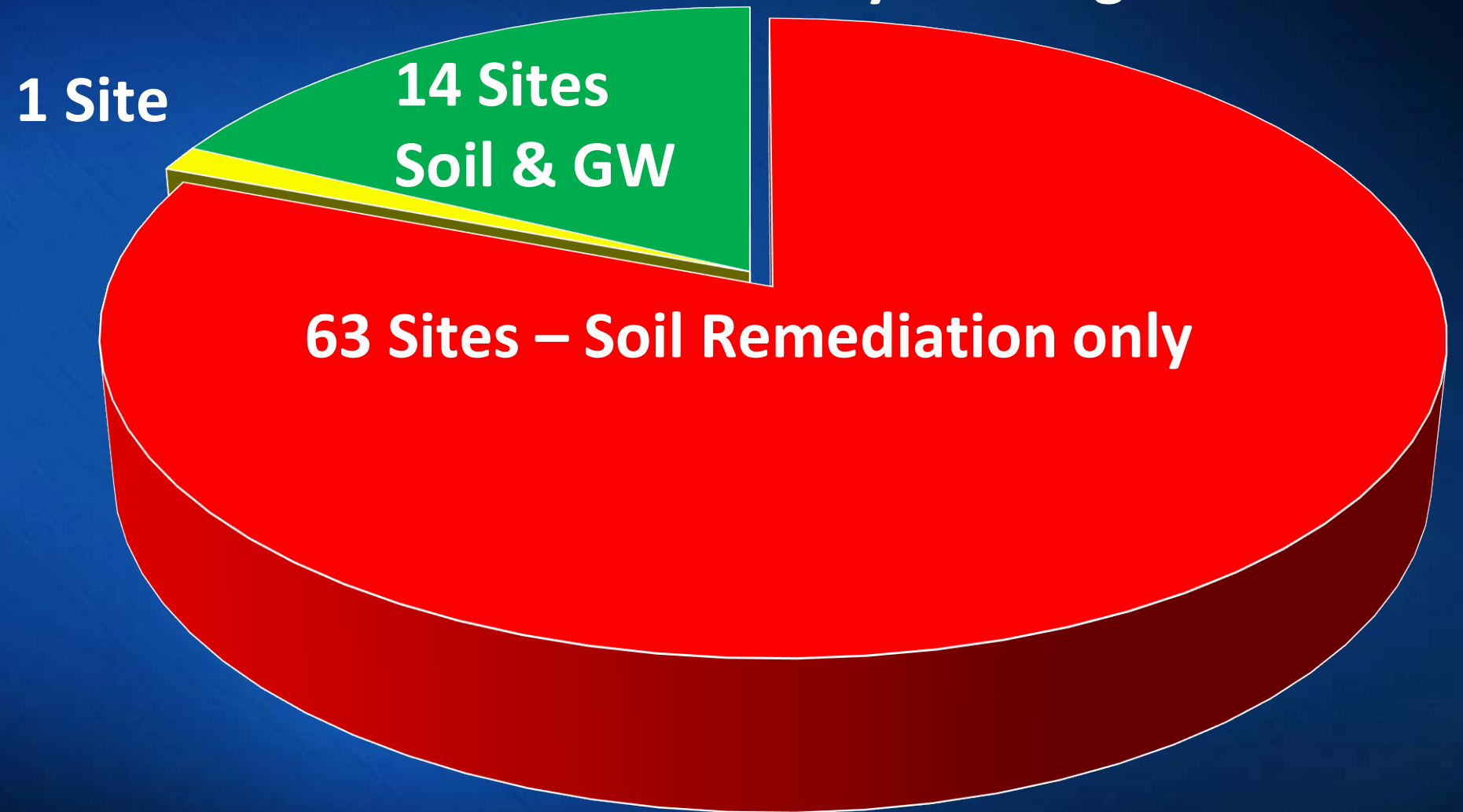
MNA Site Closure Times - 32 Drycleaning Sites



REMEDIATION



Remedial Closures at 78 Drycleaning Sites



■ Soil Remediation ■ Groundwater Remediation ■ Soil & Groundwater Remediation

Remedial Site Closures at Drycleaning Sites

- 80.8% of remedial closures are soil remediation only.
 - 45 Sites SVE
 - 12 Sites Excavation/Removal
 - 6 Sites SVE & Excavation/Removal
 - 17 Sites were active drycleaning operations
- These sites generally have low contaminant concentrations in groundwater in the upper surficial aquifer.
- SVE – sole remedy: Average system run time = 22.2 months. Median system run time = 18 months

Interim Source Removal Candidates

- No PCE drycleaning operations are being conducted at the site.
- Site has soil contamination that is accessible for excavation/removal or is suitable for soil vapor extraction or other suitable technology.
- If these conditions are met, the data needed to design a remedy needs to be collected while we are still in the field.



“KEEP THE BALL MOVING”