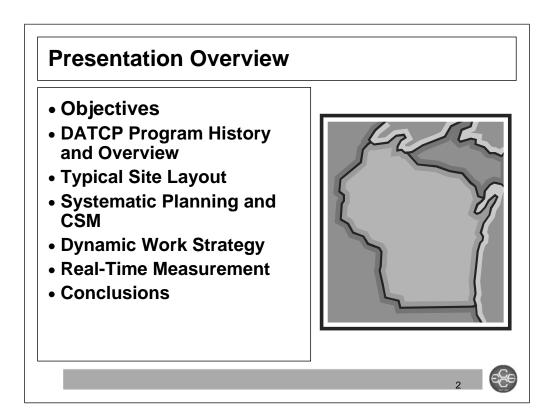
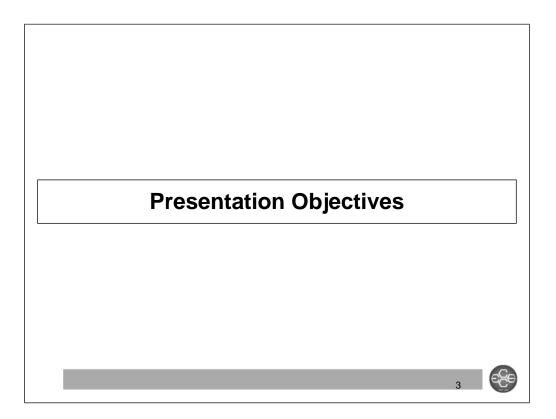
ECCS, Inc.

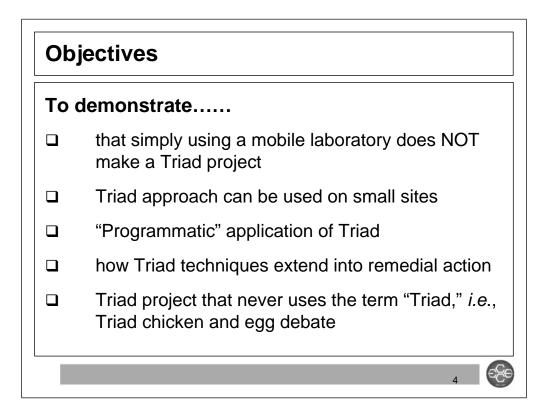
Your Partner Focused Solely on Project SUCCESS

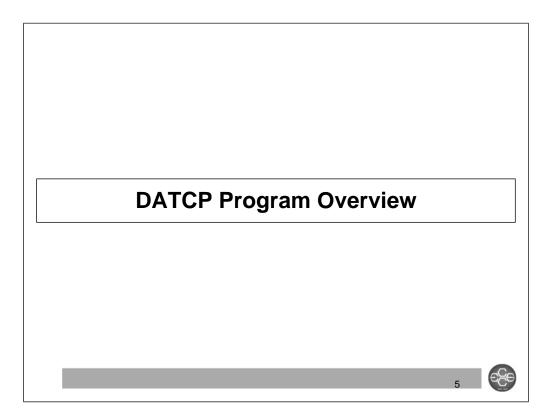
Programmatic Implementation of Triad on a State-wide, Multi-site Reimbursement Program

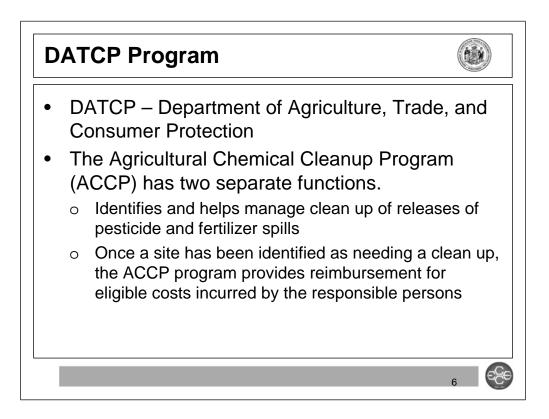










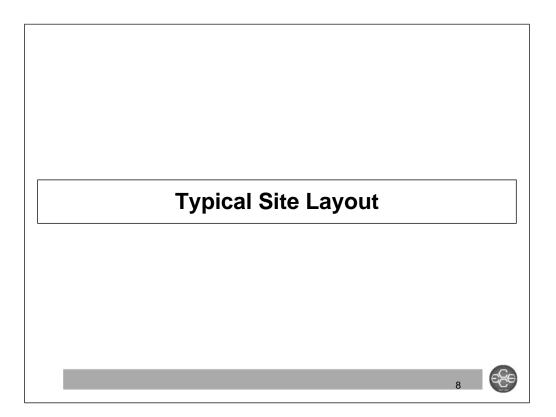


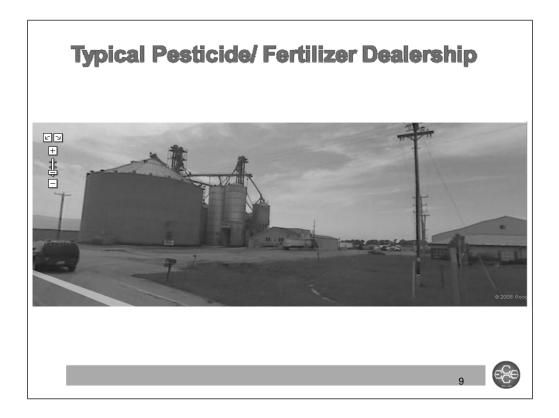
DATCP Program - History



- **PROBLEM STATEMENT:** 1984 to 1988, DATCP/ DNR discovered approximately 30 cases of soil and/or groundwater contamination at or near sites where pesticides where mixed and loaded
- 1989 Comprehensive report summarizing the findings
 - Necessitated a call for state-wide action plan
 - o Stakeholder group formed and additional studies conducted
- 1991 Findings of additional study published, basically forming the essence of a programmatic Conceptual Site Model (CSM)
- 1994 ACCP established
- 1994 to Present Success Story!
 - Initiated over 509 facility-related clean ups
 - Closed out over 287 facility-related cleanup cases
 - Responded to and closed out over 97% (848) of the 874 reported spills of agrichemicals
 - Received over 950 reimbursement applications and have paid out over \$33 million in reimbursements









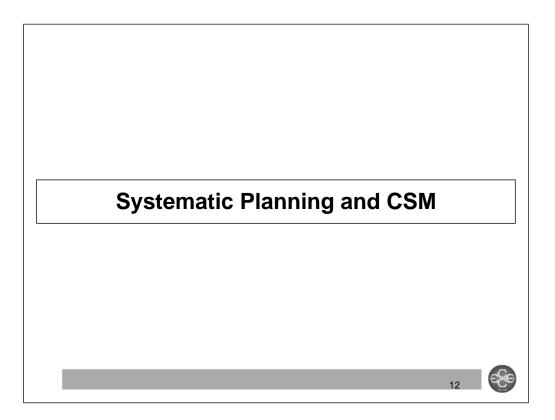
Typical Site Areas of Concern

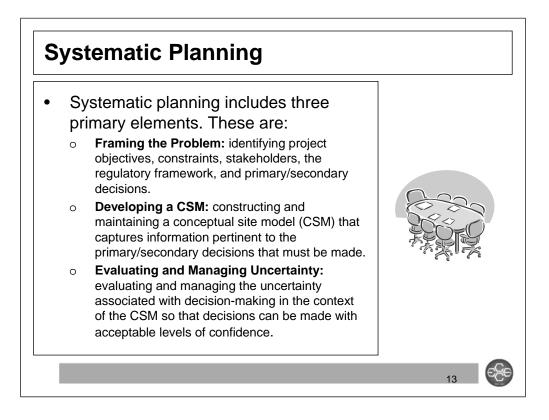
- Bulk Liquid Mixing/ Loading Areas
- Bulk Liquid Pesticide and Nitrogen Storage Areas
- Drainageways and Ponding Areas
- Pesticide Equipment Parking Areas
- □ Vehicle Weigh Scale Pits
- □ Acute Spill Areas
- Discarded Pesticide Container Storage Areas

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- Burn Piles
- Dry Fertilizer Load In and Load Out Areas
- Wash Areas



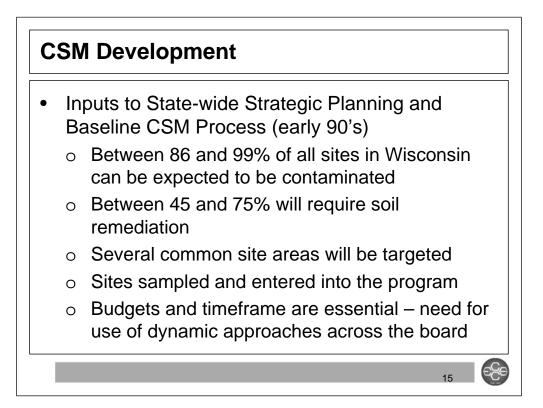


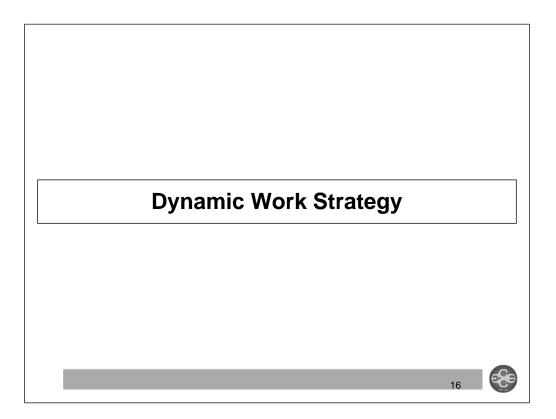
Conceptual Site Model

- The CSM.....
 - Synthesizes and crystallizes what is already known about a site that is pertinent to decision-making requirements.
 - May take any (or several) of a number of formats (or combinations of formats) that can effectively portray site concerns significant to the decisions that must be made.

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• Evolves and mature as project work progresses.





Dynamic Work Strategy

Needed to:

- Fill data gaps that are present between the programmatic CSM and unique site-specific conditions
 - History of operations
 - o Secondary containment
 - o Geology/ hydrogeology
- Address investigation/ remedial activities during a very short window (spring and fall)

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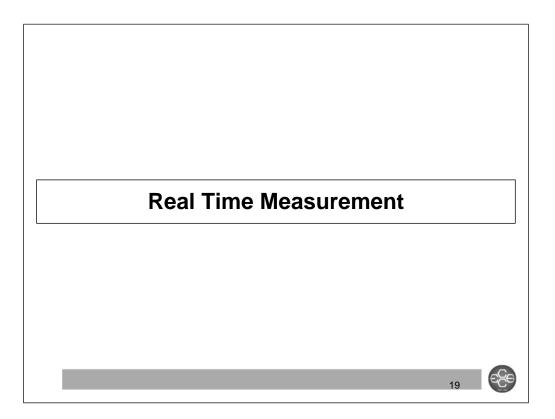
Dynamic Work Strategy

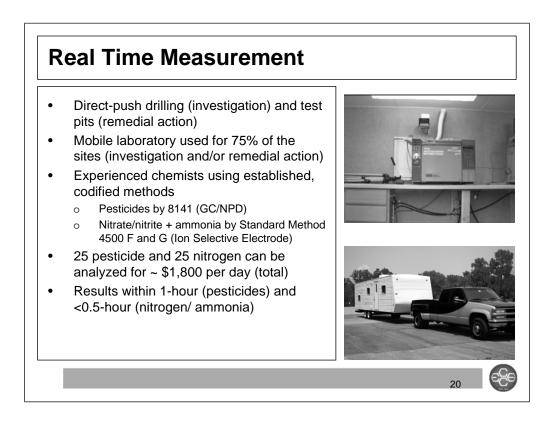
Keys to DATCP/ACCP success....

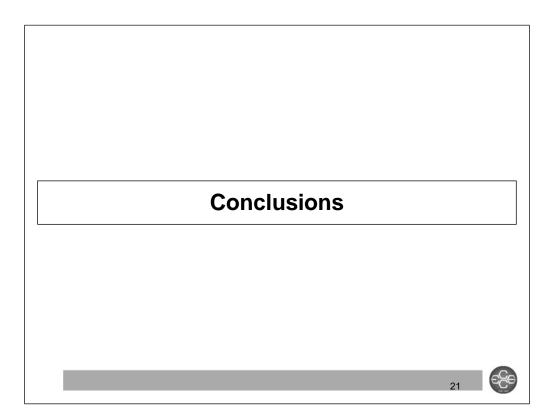
- Starting with the well-documented baseline CSM
- Understanding site-specific nuances and uncertainty
- Not being rigid and allowing CSM to mature real-time
- <u>Experienced</u> field staff (both consultants and agency)
- Large universe if sites employing a consistent approach
- Informed stakeholder group
- Used throughout the process, up to and including site closure

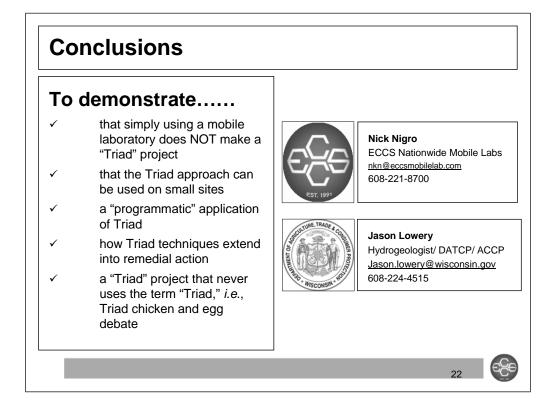


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Effective Funding Management Approaches for Triad Investigations

Sharon Budney, CHMM CDM

August 18, 2009

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