



Water Protection and Land Reuse

Executive Summary

- **Water Protection and Land Reuse, like DEEP at large, has to manage services across 4 key constituencies and efficiently deliver services from planning, fund administration to permits:**
 - Diverse functions throughout Bureau
 - Land Use Permitting distinct from discharge permitting - once through process with permanent impacts
 - Have made great strides through LEAN and creative thinking – like ACOE Programmatic General Permit
- **Water Protection and Land Reuse is managing a 10 month transformation such that by July 2012:**
 - All permitting programs complete LEAN kaizen process
 - Increased utilization of general permits
 - Implementation of results of comprehensive evaluation of cleanup programs well underway
 - Additional tools deployed to remediated brownfields
 - 7,000 jobs created through infrastructure investments
- **Quick wins for communicable successes within the next 3 months**
 - Complete Comprehensive Evaluation of Cleanup Programs
 - Issue General Permit for Dock Reconstruction
 - Dam Safety Lean Kaizen
 - Finalize Targeted Brownfield Remedy
- **Challenge is to balance long-range monitoring and planning, capital investment, permitting and enforcement – things that are often in tension with each other**

Mission + Vision

- Improve and protect the quality of water resources in Connecticut
- Protect human health, public safety and the environment through pollution abatement, water quality planning, sustainable land-use, infrastructure investment and maintenance
- Strive for development resiliency
- Transformation Vision
 - Prioritize efforts with substantial environmental return
 - Develop efficiencies while maintaining integrity of core base programs

Activities/Programs serve existing constituencies in a variety of ways

Constituencies

- Citizens
- Businesses
- Federal Government
- Sister states and agencies
- Municipal Governments
- Advocates
- Natural Resources

WPLR Activities

- Water Quality Monitoring and Assessment
- Water Quality Planning
- Municipal Facilities Planning and Clean Water Fund administration
- Land Use Permitting
- Enforcement
- Dam Safety Permitting and State Dams
- Municipal Land Use Assistance
 - Coastal
 - Inland Wetland
 - Aquifer Protection
 - Watershed management
 - FEMA
- Hazard Mitigation Planning and Flood Response
- Remediation Program Implementation
- Potable Water

There are four areas of organizational change

Description

Major activities

Priorities

- Defined set of activities that will drive cost savings and improvements in quality, speed and efficacy of service delivery and create jobs

- Permitting improvements
- Remediation Enhancements
- UGST Fund Analysis
- Infrastructure Investment

Analytics

- Leveraging existing analytic toolset to greater and more communicable effect
- Developing new set of economic/environmental analyses that connect EQ work to everyday lives of constituencies

- Impervious Cover
- Development resiliency
- Incremental Environmental Improvement
- Jobs created

Engagement

- Utilize transformation as an opportunity to build momentum and expand capacity
- Identify resource gaps created or needs exacerbated by the other axes of the transformation

- Identify resource gaps
- Engagement of all levels in transformation
- Capacity and leadership development

Partnerships and Communication

- Identifying new and further develop existing partnerships to leverage outside of DEEP resources to deliver on mission and goals

- Inter-agency
- Federal/Regional/State/Local
- NGOs
- Stakeholder processes including crowdsourcing
- Sustainable technical assistance

Process - Permitting Improvements

Action	Rationale/Impact	Timing	Status	Owner
Issue GP for dock reconstruction	<ul style="list-style-type: none"> • Fast-track dock rebuilds in-kind • Registration valid upon submission • Responsibility for compliance on applicant 	12/15/11		Peter Francis
Dam Safety Permitting Kaizen	<ul style="list-style-type: none"> • Update dam safety application to clarify requirements • Streamline permitting process 	10/11		Kartik Parekh
Reissue Construction GP	<ul style="list-style-type: none"> • Increase activities covered under GP • Maximize benefit of ACOE PGP 	1/12		Jeff Caiola & Bob Gilmore
Joint DOT/DEEP Lean Event	<ul style="list-style-type: none"> • Design Process Event • LEAN interagency process to facilitate design and permitting 	1/12		Betsey Wingfield
Repeal SCEL	<ul style="list-style-type: none"> • Eliminate antiquated permitting requirement • Benefit DEEP & regulated community 	11/12		Denise Ruzicka

Process - Remediation Enhancements

Action	Rationale/Impact	Timing	Status	Owner
Complete Comprehensive Evaluation	<ul style="list-style-type: none"> • Timely transformation evaluation • Stakeholder process • Set stage for reset of programs 	12/15/11		Graham Stevens
Finalize Targeted Brownfield Remedy	<ul style="list-style-type: none"> • New tool to expedite brownfield remediation • Presumptive remedy 	11/11		Jan Czczotka
Update Remediation Standard Regulations	<ul style="list-style-type: none"> • Focus changes to facilitate brownfield redevelopment • Incremental change and improvement 	5/12		Jan Czczotka

Process - Underground Storage Tank Fund Analysis

Action	Rationale/Impact	Timing	Status	Owner
Complete Stakeholder Process	<ul style="list-style-type: none">• Present circumstance problematic• Stakeholder process to identify options and solutions• Goal sustainable path forward	12/31/11		Pat Bowe
Implement Changes	<ul style="list-style-type: none">• Breadth dependent on identified path	7/12		Jacques Gilbert

Process - Infrastructure Investment

Action	Rationale/Impact	Timing	Status	Owner
Clean Water Fund	<ul style="list-style-type: none"> • \$326M capital investment • Significant environmental improvement – CSO & nutrients • Create 6,846 jobs 	6/12		George Hicks and Dennis Greci
State Dams	<ul style="list-style-type: none"> • \$4M capital investment • Prioritize investment to maximize public safety benefit • Create 84 jobs 	6/12		Jennifer Perry
Yaworski Landfill	<ul style="list-style-type: none"> • \$10M capital investment • Cap landfill and limit pollution • Create 210 jobs 	10/12		Rob Bell
Tingue Dam	<ul style="list-style-type: none"> • \$6M capital investment • Reestablish fish passage • Create 126 jobs 	12/12		Chuck Lee

Challenges in Balancing Activities

Shorter Permit
Timeframes

Planning
Activities

May Require Reduced Public
Notice and Involvement

Increase necessity of post
permit inspection for
program integrity

Divert resources from other
programs

Limited ability to work with
applicants to refine
applications

Managing Investment in
Infrastructure

Municipal Assistance
Including Flood Response

Enforcement

