

TxDOT's Vision Statement

To be a progressive state transportation agency recognized and respected by the citizens of Texas:

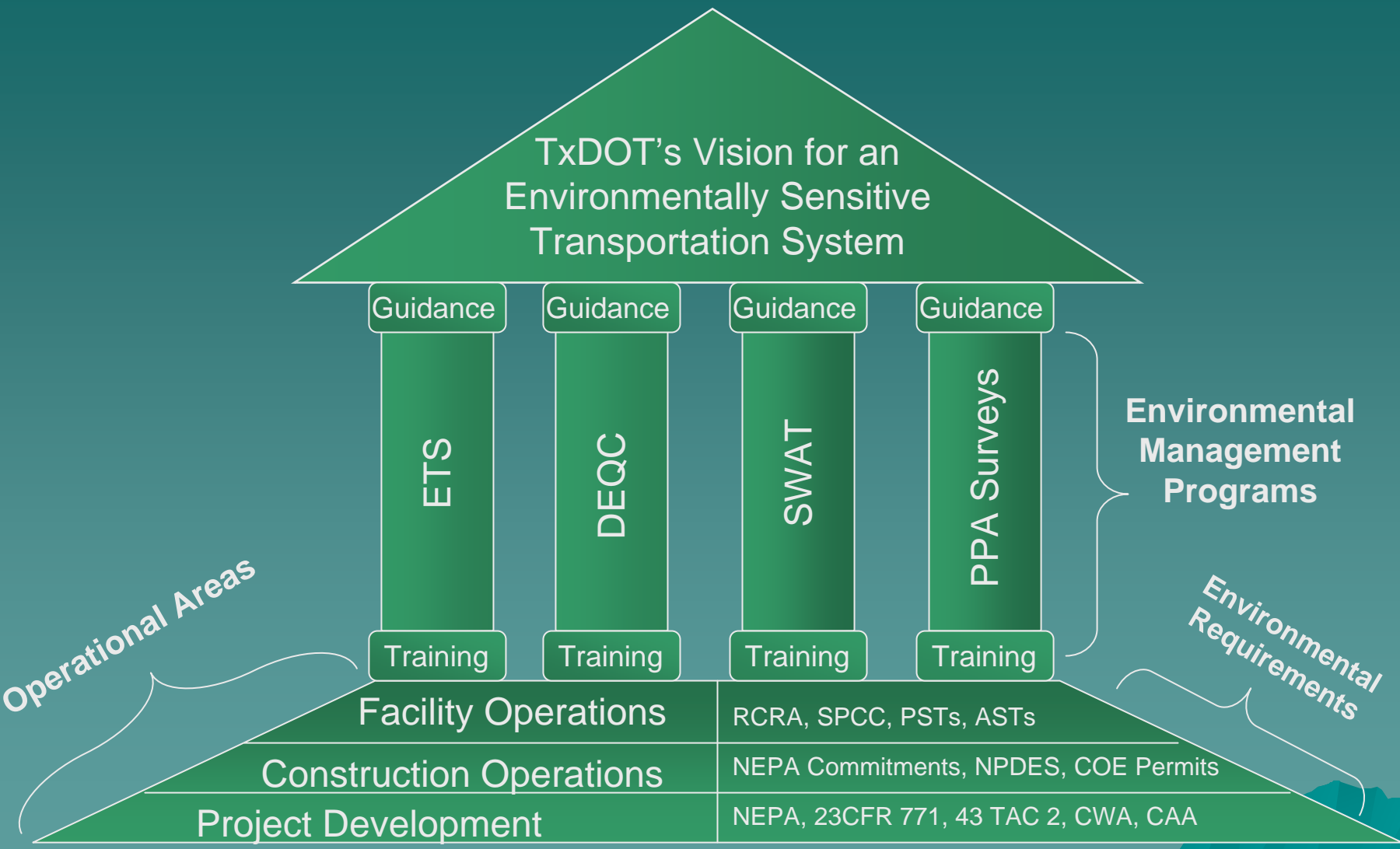
Providing comfortable, safe, durable, cost-effective, environmentally sensitive and aesthetically appealing transportation systems that work together.

Ensuring a desirable workplace which creates a diverse team of all kinds of people and professions.

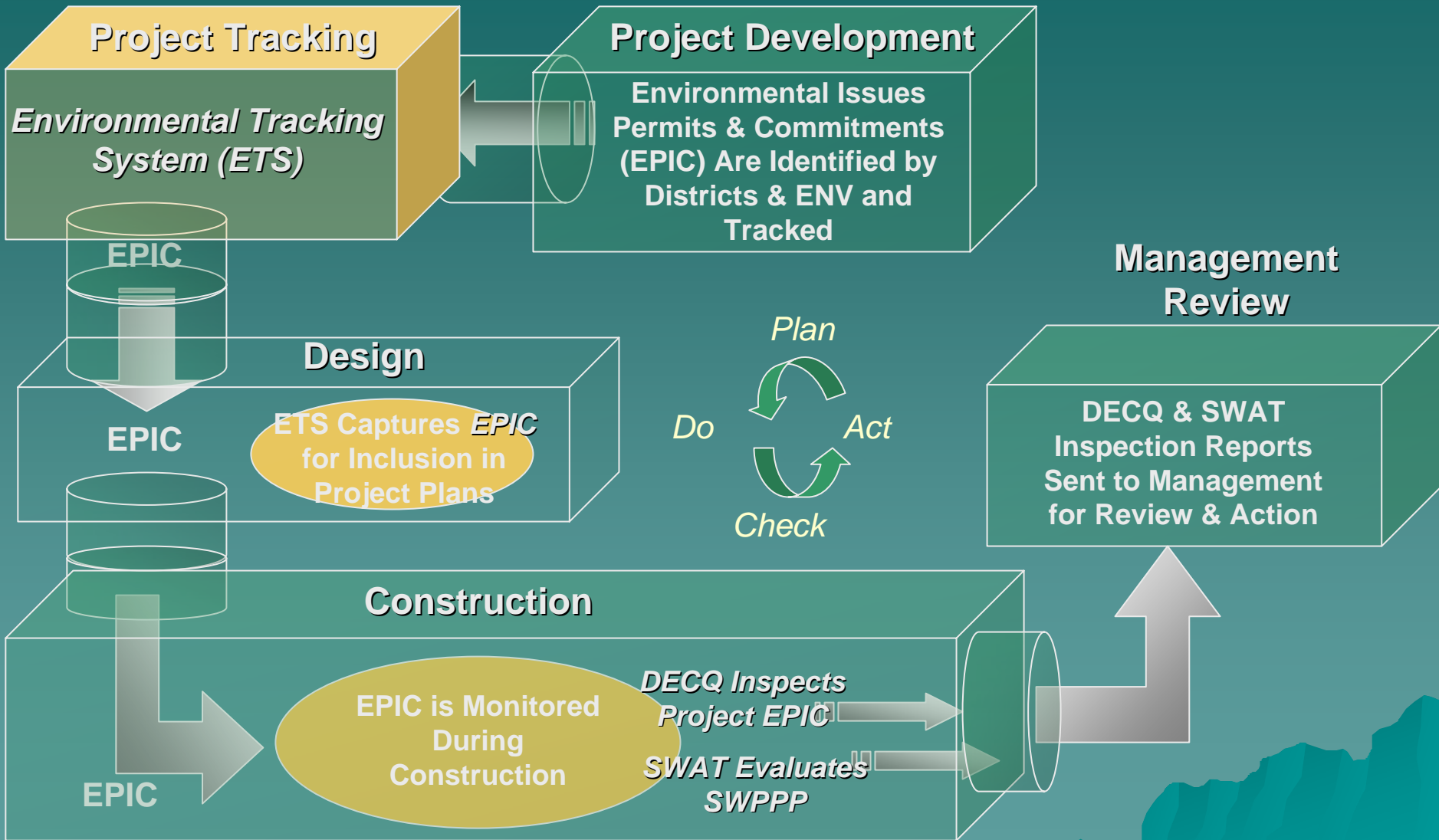
Using efficient and cost-effective work methods that encourage innovation and creativity.

Promoting a higher quality of life through partnerships with the citizens of Texas and all branches of government by being receptive, responsible and cooperative.

TxDOT's Environmental Programs Support Its Vision



Environmental Management from Project Development through Construction

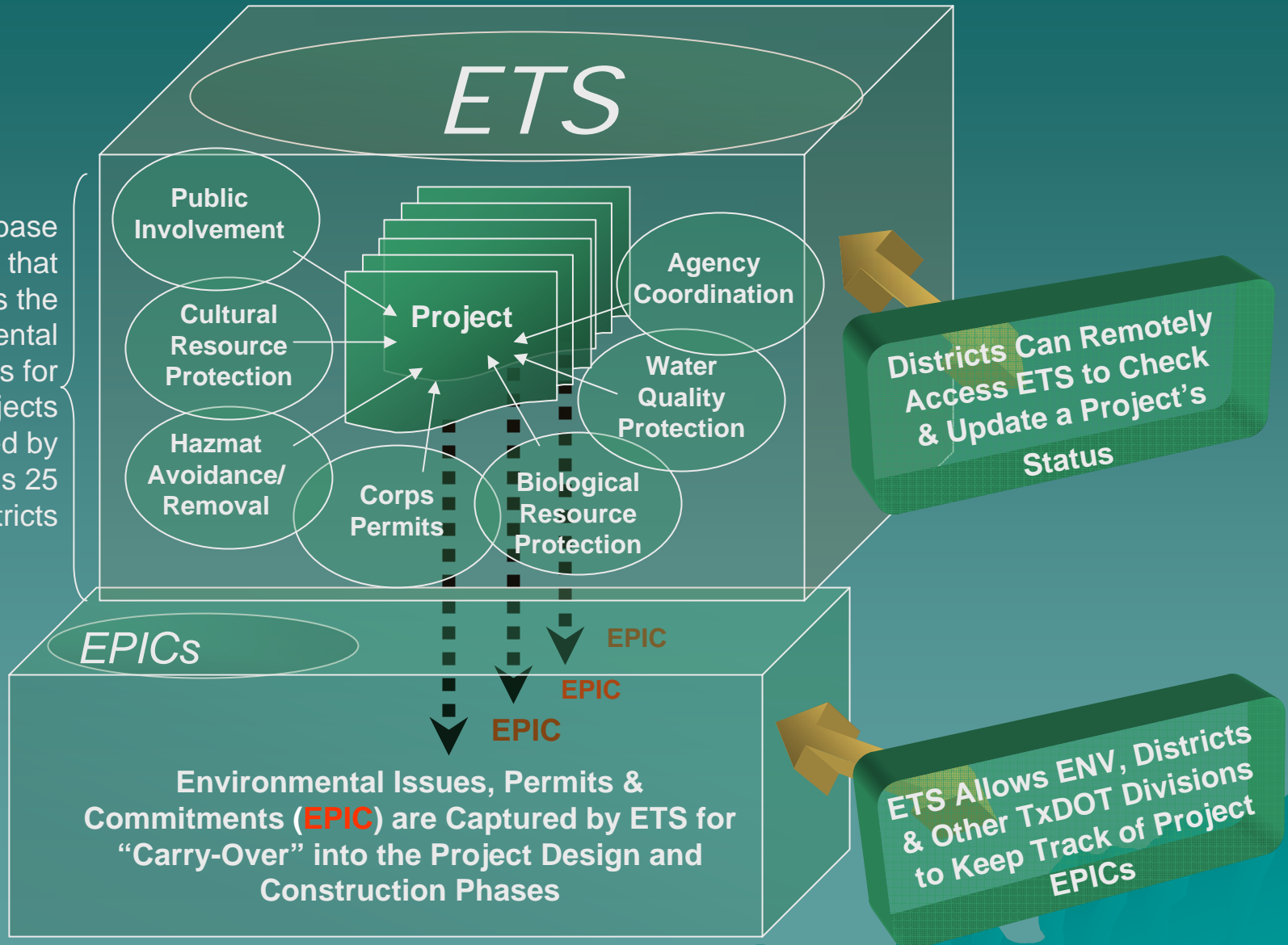


DECQ- District Environmental Quality Coordinator

SWAT- Stormwater Advisory Team

TxDOT Environmental Tracking System (ETS)

ETS: Database System that Tracks the Environmental Process for Projects Generated by TxDOT's 25 Districts









TxDOT ETS - Opening Screen

ETS (Environmental Tracking System)

File Reports Administration SubSystems Window Help

*Environmental Tracking System
(ETS)*

Icon Descriptions

-  Open an Existing Project
-  Create a new Project
-  Report Manager for printing report summaries
-  Administration screen for maintaining ETS tables
-  Exit the ETS Application
-  Timeline

For Technical Assistance

[Groupwise: ENV_HELP](#)

Links to Online User Manual (Crossroads)

- [ETS User Manual](#)
- [Entering a Project](#)
- [Submitting an Electronic Document](#)
- [Entering Permits, Issues and Commitments \(EPIC\)](#)
- [ETS Installation](#)

*ENV (Environmental Affairs Division), TxDOT
System Administrator: Lorie Ledesma-Ramirez
Technical Analyst: Courtney Dumas*

Ready

Start ETS (Environmental ... Microsoft PowerPoint - [Pr... 8:14 AM

TxDOT ETS – Project Screen

ETS (Environmental Tracking System) [Window Controls]

File View Reports Administration SubSystems Window Help

Project Entry: CSJ: 0915-12-403 Dist.: San Antonio Cnty.: Bexar Hwy.: Watson Road [Window Controls]

HMM

Project EPIC Comments Survey Public Invlv. Coordination Section 4(f) Re-Eval/Revs NRM CRM

CSJ: 0915-12-403 District: San Antonio Proj. Type: SFONSI Current Letting: 10/01/2003
Temp CSJ: N County: Bexar Funding: State Final Letting: 00/00/0000
Control CSJ: 0000-00-000 Field: 1 Proj. Nbr: C 915-12-403 Project Dt: 11/27/2002
Child CSJ: Not Exists Priority: High Easement Required: [Dropdown]
Highway: Watson Road ROW Acquisition Rqrd.: Y ROW Parcels: [Dropdown]
From: SH 16
To: Applewhite Road
Proj. Dscr: Widen 2-lane roadway to a 4-lane divided facility

Sent To Env: 11/27/2002 Rcvd By Env: 11/27/2002 Circ In Env: 11/27/2002 Comments Rcvd: Yes
Sent To FHWA: 00/00/0000 Aprv From FHWA: 00/00/0000 Gov Ntly: 02/13/2003 Cleared By Env: 00/00/0000
Aprv To Dist: 02/13/2003 Document Aprvd: 02/13/2003
MIS Rqrd Cd: N MIS Rcvd: 00/00/0000 MIS To FHWA: 00/00/0000 Cmnt. Flag: N
FONSI rqst: 04/07/2003 FONSI issu: 04/14/2003 FONSI sent: 04/14/2003
User Id: Kford0 Last Update: 04/14/2003

More...
Timeline

Ready

Start ETS (Environmental ... Microsoft PowerPoint - [Pr... 8:49 AM

TxDOT ETS –Natural Resources Management Screen

ETS (Environmental Tracking System) - [Project Entry: CSJ: 0915-12-403 Dist.: San Antonio Cnty.: Bexar Hwy.: Watson Road]

File View Reports Administration SubSystems Window Help

HMM

Project EPIC Comments Survey Public Invlv. Coordination Section 4(f) Re-Eval/Revs **NRM** CRM

Biology Water

Reviewer: WFH Survey: N Coord.: Y Mitigation: N Issue: N

ESA Issue: N Informal Section 7: N Formal Section 7: N BCD Check: N
Section 10A: N Critical Habitat: N

MOU Coord.: Y Vegetation: Y Channel Realignment: N State/Federal Species: N
Re_Evaluation: N ROW Floodplain 1+ acres: N Channel Modification: N

FPPA Coord.: Y Exempt: Y Scored: N Coordinate: N

FWCA Coord.: N Essential Fisheries Habitat: N Invasive Species: N
Mitigation Plan: N ENV Assistance (CI Agreement): N Cmnt. Flag: N
Landscape: N User Id: WHOOD Last Update: 12/02/2002

Mitigation

Resource	Type	Agency	Ratio	Monitoring	Programmatic	Cmnt. Flag	User Id	Last Update

Ready

Start ETS (Environmental ... Microsoft PowerPoint - [Pr... 8:53 AM

TxDOT- ETS EPIC Sheet

Date:07/31/2003

(EPIC)
EPIC ARCHIVE
Environmental Tracking System

General Project Information

CSJ: 0915-12-403	Project Type: SFONSI	Cleared by ENV:
Field: 1	Project #: C 915-12-403	Priority: High
District: San Antonio	Source: State	
County: Bexar	Current Letting: 10/01/2003	
Highway: Watson Road	Final Letting:	
Limits From: SH 16		
To: Applewhite Road		
Description: Widen 2-lane roadway to a 4-lane divided facility		

Archeological Studies Issues

Permit #: **Commitment Type:** Pre-Construction **Status:** active **Party Responsible:** district **Last Updated:** 04/14/2003

Impact Type:

The Texas Historical Commission (THC) has concurred with TxDOT's recommendation that the project may proceed with development including design and right-of-way (ROW) acquisition.

Final clearance with the THC will be completed after right of access to the new ROW has been obtained, but prior to project letting.

Comments Last Updated: 07/17/2003

Water Quality Resources Issues

Permit #: **Commitment Type:** Pre-Construction **Status:** complete **Party Responsible:** district **Last Updated:** 12/02/2002

Impact Type: Temporary, No Permit Required

Comments Last Updated: 00/00/0000

Permit #: **Commitment Type:** Pre-Construction **Status:** complete **Party Responsible:** district **Last Updated:** 12/02/2002

Impact Type: Permanent, No Permit Required

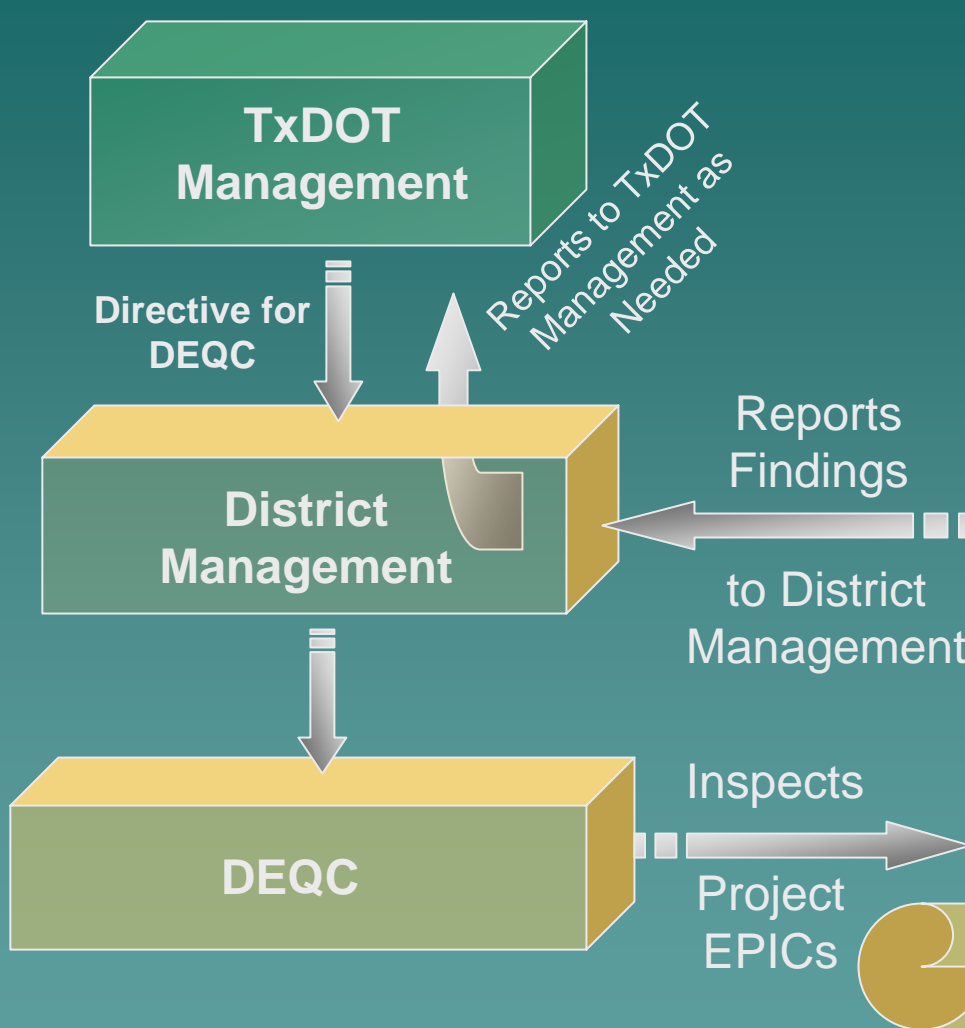
Comments Last Updated: 00/00/0000

Permit #: N/A **Commitment Type:** Pre-Construction **Status:** complete **Party Responsible:** district **Last Updated:** 03/10/2003

Comments Last Updated: 00/00/0000

Impact Type: Controls: BMPs:
N/A

District Environmental Quality Coordinator (DEQC)



DEQC Responsibilities

- ◆ Review projects with permits, formal consultation, or other mitigation requirements.
- ◆ Review randomly selected “other” construction projects within each area office.
- ◆ Inspect maintenance section projects in each district area office.

Snapshot of DECQ Checklist



ENVIRONMENTAL COMMITMENT CHECKLIST For Construction, Maintenance and Facilities Projects

PROJECT:		DATE:	
CSJ:		DECQ:	
HIGHWAY:			<i>Name</i>

I. Storm Water Pollution Prevention

A. Required Information and Documentation

1. Does the construction site have a Storm Water Permit? Yes No * N/A
2. Is a notice posted in a publicly accessible location near where construction is actively underway (and moved as necessary)? Yes No * N/A
3. Does the notice contain the following information:
 - a. The permit number or a copy of the NOI? Yes No * N/A
 - b. The name and telephone number of a local contact person? Yes No * N/A
 - c. A brief description of the project? Yes No * N/A
 - d. Location of SW3P (Job site or other location). Yes No *
4. Is there a copy of the Construction General Permit in the SW3P? (a copy of the Federal Register is sufficient) Yes No * N/A
5. Is there a copy of a Delegation of Authority Letter authorizing the inspector to sign inspection reports in the SW3P file? Yes No * N/A
6. Is the SW3P retained on-site at the facility that generates the storm water? (If no, where is it located _____)? Yes No * N/A
7. Is the SW3P updated and documented in the plans as necessary to remain consistent with any changes in design, construction, operation, or maintenance applicable to protecting surface water resources in sediment and erosion site plans or site permits, or storm water management site plans or site permits approved by State, Tribal or Local Officials for which the permittee receives notice? Yes No * N/A
8. Is the description of construction and waste materials expected to be stored on-site updated? Yes No * N/A
9. Are the following records maintained and available for inspection, or included in the SW3P?
 - a. Dates when major grading activities occur? Yes No * N/A
 - b. Dates when construction activities temporarily or permanently cease on a portion of the site? Yes No * N/A
 - c. Dates when stabilization measures are initiated? Yes No * N/A
10. Did stabilization occur within 14 days at locations where soil disturbing activities have ceased or will cease for at least 21 days or were temporary measures installed? Yes No * N/A

B. General Conditions

1. Are Best Management Practices (BMPs) being utilized? Yes No * N/A
2. Are silt fences, buffer strips, or equivalent sediment controls at a minimum used for all side-slope and down-slope boundaries of the construction area? Yes No * N/A

C. Controls & Measures

1. Have erosion and sediment controls been designed to retain sediment on-site to the extent practical during the construction phase? Yes No * N/A

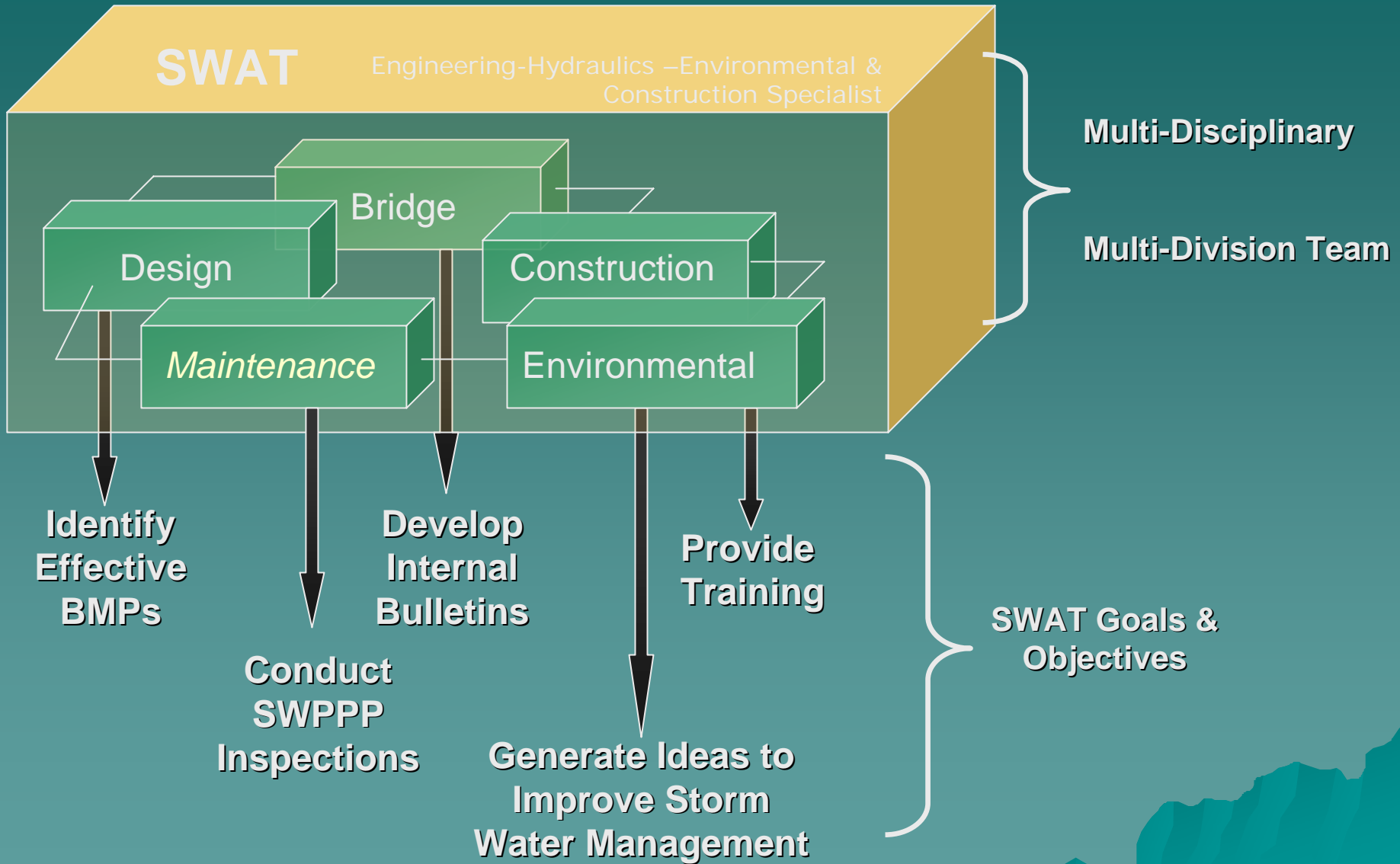


* Contact Project Engineer

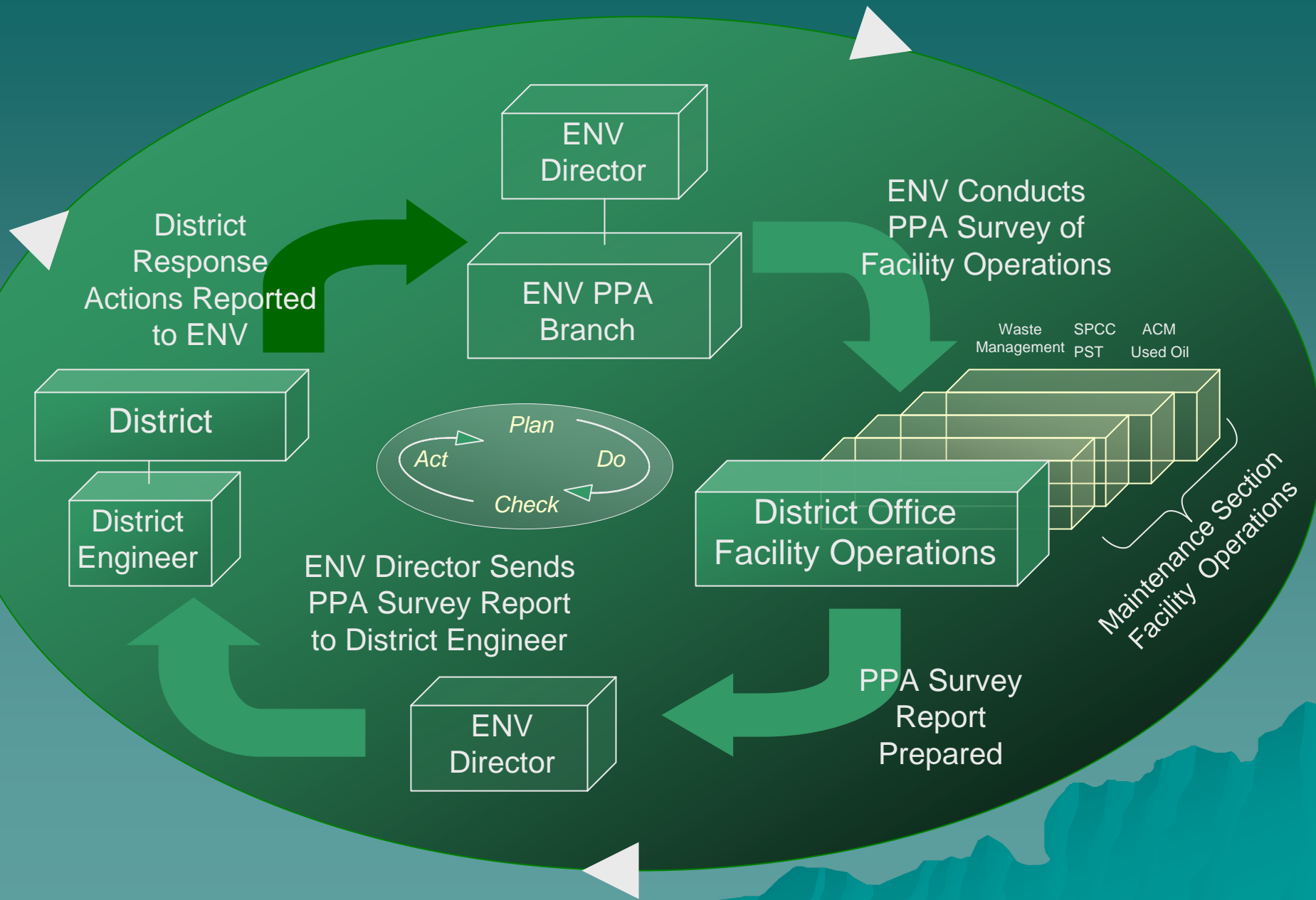
Full Screen ▾

Close Full Screen

Storm Water Advisory Team (SWAT)



Pollution Prevention & Abatement Surveys (PPA)



Snapshot of PPA Survey Summary Table from District Report

Table 1
Summary- District Environmental Survey, December 2002

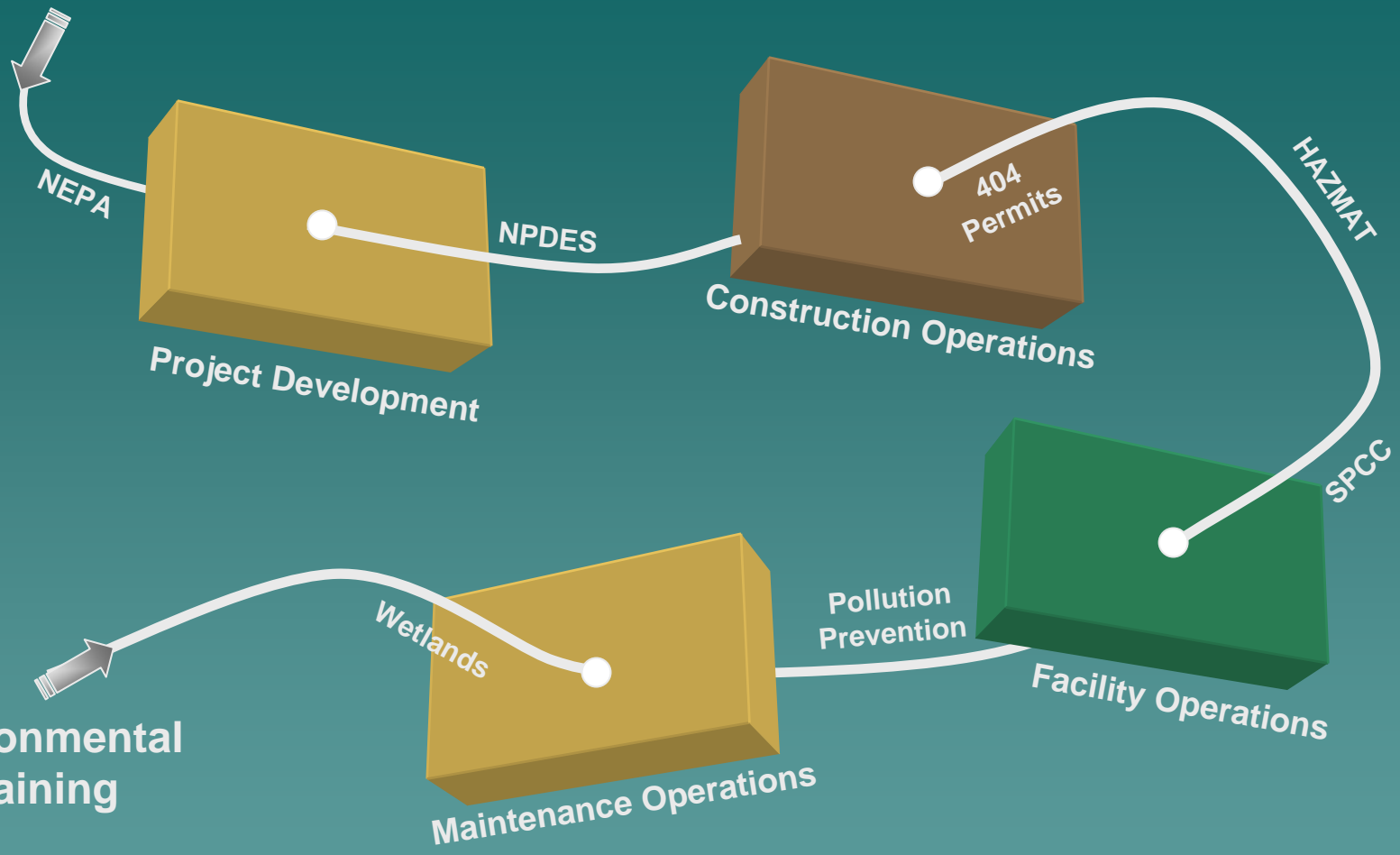
Survey Categories	Surveyed Facilities																				Overall District Category Scores
	District Complex		Section 1		Section 2		Section 2		Section 3		Section 4		Section 5		Section 6		Section 7		Section 8		
	TIR ¹	TD ²	TIR	TD	TIR	TD	TIR	TD	TIR	TD	TIR	TD	TIR	TD	TIR	TD	TIR	TD	TIR	TD	
Solid Waste Management ⁴	0	0	NA ¹¹	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No Score
Hazardous Waste Management ⁵	6	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100%
Hazardous Waste Storage	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No Score
ACM ⁶ Management	2	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100%
Used Oil Management	8	0	9	0	6	0	9	0	9	0	9	0	9	0	0	0	9	0	8	0	100%
Used Oil/Fuel Filters Management	3	0	3	0	3	0	3	0	3	0	3	0	3	0	0	0	3	0	3	0	100%
Used Antifreeze Management	3	0	3	0	3	0	3	0	3	0	3	0	0	0	0	0	3	0	0	0	100%
Lead Acid Batteries	3	0	3	0	3	0	3	0	3	0	3	0	0	0	0	0	3	0	4	0	100%
Scrap Tire Management	1	0	2	0	2	0	2	0	2	0	2	0	2	0	0	0	1	0	1	0	100%
House Keeping ⁷	6	1	6	1	6	1	5	0	5	2	5	1	5	3	0	0	6	1	6	0	80%
Equipment Washing ⁸	4	0	4	0	4	0	4	0	5	0	4	0	4	0	0	0	2	0	3	0	100%
SPCC ⁹ Planning	5	1	4	2	5	3	5	2	4	1	3	1	5	3	4	3	4	3	3	3	48%
PST ¹⁰ Management	10	0	5	0	7	1	2	0	2	0	2	0	2	1	5	1	2	1	2	0	90%
Score ³	91%		92%		87%		94%		92%		94%		77%		56%		85%		90%		89%

Notes:

1. TIR refers to Total Items Reviewed. Refers to total check list items reviewed in the listed category.
2. TD refers to Total Items Deficient. Refers to the total number of deficiencies noted for all the items reviewed in the listed category.
3. Score is the percent of category items reviewed that had no deficiencies noted. Scores are presented for informational purposes. Although higher scores indicate fewer deficiencies were noted, any one item noted deficient may represent a possible violation with state or federal environmental requirements if the facility were inspected by state or federal regulators.
4. Refers to the District's compliance with state and federal regulations regarding the proper identification and classification of waste generated at a facility. Proper waste identification and classification is required in order to identify the appropriate storage, transport and disposal requirements for the classified waste.
5. Refers to the management of specific waste streams that are classified as hazardous under state and federal regulations. Hazardous waste generators must follow stringent state and federal requirements when storing, transporting and disposing of hazardous waste.
6. ACM refers to Asbestos Containing Materials management in Tx/DOT operated buildings within the District.
7. House Keeping is a generic term used to describe the section's daily management of useable materials and waste and covers areas such as minor spill prevention, minor spill cleanup proper management of small volumes of waste and proper container labeling. Maintaining a neat and orderly work environment is a good defense in preventing citizen complaints and regulatory agency inquiries.
8. Equipment Washing refers to the management waste water generated during equipment washing operations, particularly with respect to Tx/DOT's March 2002 Compliance Agreement with TCEQ.
9. SPCC refers to Spill Prevention Controls and Countermeasures. Refers to the Federal SPCC planning requirements for facilities that store oil containing products above threshold volumes.
10. PST refers to Petroleum Storage Tank. Category reviews the District's compliance with State and Federal PST registration and leak detection requirements.
11. NA refers to Not Applicable. The items in this category are reviewed as a District wide compliance activity and are not reviewed at the individual section level.

Environmental Training & Guidance

Environmental
Guidance



Environmental
Training

What's Next For TxDOT?

ETS	EPIC Sheets	DEQC	Maintenance
<p>Future Developments Include:</p> <p>EPIC Verification Field Project Not Cleared Until Confirmation EPICs are Implemented in Project Plans.</p> <p>System Integration Integrate ETS with Existing Design & Construction Information System.</p>	<p>EPIC Committee Established to:</p> <p>Clearly Define EPIC Accountability and Responsibility: District? ENV? Contractor?</p> <p>Clearly Define EPIC Timing: Preconstruction? During Construction? Post Construction?</p> <p>Clearly Communicate: The EPICs must clearly communicate to all parties what needs to be done by eliminating <i>Enviro-Jargon</i> & adding specificity.</p>	<p>Identify DEQC Training Needs DEQCs not all at the same level of experience.</p> <p>Enhance Checklist</p>	<p>Identify Environmental Aspects of Maintenance Operations</p> <p>Develop Best Management Practices</p> <div data-bbox="1348 793 1763 1129" style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p>Facility Surveys</p> <p>Incorporate Environmental Requirements into Service Contracts</p> </div>

QUESTIONS?