

Innovative Technologies 2006

The State of Florida

Department of Environmental Protection

Division of Waste Management

Bureau of Petroleum Storage Systems

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Team 6

Introduction

- *See comprehensive handout for more info*
- *Established: 1996 by FS 376.3071*
- *# of acceptance letters as of June 2006*

20 physical / mechanical

91 bioremediation

26 chemical oxidation

6 other

143 total

General Information

- *Regulatory acceptance, not approval, and not a certification of performance*
- *Innov. Tech. Program Jurisdiction: 62-770 (only)*
- *Acceptance letter not a requirement*
- *No new innov. categories added, just additional mfgs.*
- *Useful for UIC, ZOD variances, product visibility.*

Some Noteworthy Items

- *BPSS-10 “In Situ Chemical Additives”:
regulatory insight; examples; updated
7/16/05.*
- *Rule 62-522.300(2)(c) (effective 8/27/01):
ZOD by rule now in most cases (primaries) &
secondaries (all cases) but all existing
variances still valid. Clarification in 7/16/05
BPSS-10 Update: Min. GW contaminants
can be permitted an injection ZOD too by this
rule.*

For Emphasis in the Future

- *New topic added to 7/16/06 update of BPSS-10: Foaming Agents (i.e. surfactants)*
 - 1) They are regulated as a secondary drinking water contaminant, and therefore can be permitted a ZOD by rule 62-522.300(2)(c), eliminating need for ZOD by variance.*
 - 2) Revised BPSS-10 cites low cost drinking water lab method SM 5540 for surfactants.*
 - 3) Foaming agents MCL: 0.5 mg/L*
- *Where to find more information: handout*