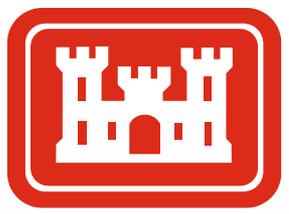


Summary of Findings

Wayne Elliott
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All Study Objectives Completed

Completed

- Develop effective community relations plan. ✓
- Compile existing study area information. ✓
- Identify data gaps in existing information. ✓
- Define and Develop the Conceptual Study Model (CSM). ✓
- Based on data gaps, develop Field Sampling Plans. ✓
- Field Investigation to fill the key data gaps. ✓
- Evaluate fate and transport pathways. ✓



All Study Objectives Completed (Cont'd)

Completed

- Evaluate potential environmental exposure to perchlorate in the study area. ✓
- Evaluate potential human exposure to perchlorate in the study area. ✓
- Assess exposure pathways to vegetation, fish, birds, mammals. ✓
- Assess impact on amphibians, fish, and large and small mammals. ✓
- Integrate data and assess ecological exposure ✓



Summary of Findings

Key exposure findings:

- No exposure to perchlorate through public water supply
- Potential for human exposure through fish, vegetation along streams, or swimming in streams, but unlikely. Impacted areas have been mapped.
- Plants in impacted areas do take up perchlorate
- Small animals and fish are exposed, but medium and large mammals show no evidence of being exposed



Other Team Accomplishments

- Project completed on time
- Completed \$2.5 million under budget (30% savings to taxpayers)
- Results may be useful to other agencies, resulting in more taxpayer savings





US Army Corps
of Engineers
Fort Worth District

Questions & Answers

Project Website:

<http://www.swf.usace.army.mil/ppmd/Perchlorate/index.html>

