



St. Louis FUSRAP

Long Term Stewardship Committee
Status Report

I. Meetings to-date.

A. March 29, 2001

- Project Orientation (Site History and Introductions)

B. May 10, 2001

- Research Reports (DOE Stewardship Training and Institutional Controls)

C. October 25, 2001

- Draft LTS Plan Outline and discussions (USACE drafted a table of contents based on DOE Guidance.)
- Report on national and regional meetings. (ASTSWMO and US EPA Fed. Fac. CERCLA Class)

II. Attachments.

- Draft LTS Plan Outline
 - Stewardship Plan Wish List (presented on 3/29/01 for discussion.)
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Draft
TABLE OF CONTENTS for LTS Plan

ABBREVIATIONS, ACRONYMS, AND SYMBOLS

1.0 INTRODUCTION

2.0 PURPOSE AND SCOPE

 2.1 Objectives

 2.2 Scope

 2.2.1 Physical Boundaries to Which the LTS Plan Applies

 2.2.2 Institutional Controls

 2.2.3 Physical Barriers

 2.2.4 Monitoring and Surveillance Activities

3.0 SITE DESCRIPTION

 3.1 Site History

 3.1.1 Former Occupants or Operators

 3.1.2 Years of Operation

 3.1.3 Processes and Products

 3.1.4 Waste Materials and Contaminants Produced

 3.1.5 How the Site was Designated for Remedial Action

 3.2 Site Location and Legal Description

 3.2.1 Location of Identifiable Site Portions

 3.2.2 Legal Description

 3.2.3 Site Access

 3.3 Regulatory Framework

 3.3.1 Legal Authorities

 3.3.2 Regulatory Requirements

 3.3.3 Other Stewardship Requirements

 3.4 Physical and Baseline Conditions

 3.4.1 Physical Site Conditions

 3.4.1.1 Regional Setting

 3.4.1.2 Demography

 3.4.1.3 Land Use

 3.4.1.4 Elevation

 3.4.1.5 Climate and Weather

 3.4.1.6 Geologic Setting

 3.4.1.7 Current Uses

 3.4.1.8 Potential Uses

 3.4.1.9 Liens and Other Property Rights

 3.4.2 End State Objectives

 3.4.2.1 Site Portion End States

 3.4.2.2 As-Builts

 3.4.3 Records Disposition

 3.4.4 Assumptions and Uncertainties

 3.4.5 Relationship to Other Site Documents

4.0 OPERATION AND MAINTENANCE ACTIVITIES

 4.1 Institutional Controls

 4.1.1 Site Wide

 4.1.2 Portion Specific

 4.2 Institutional Controls Implementation

 4.2.1 Site Wide

 4.2.2 Portion Specific

 4.3 Operations of Remediation Systems

 4.3.1 Methods

 4.3.2 Reporting Requirements

 4.3.3 Health and Safety

- 5.2.2 Research and Development Needs and Activities
- 5.2.3 Technology Integration / Deployment

6.0 COST AND SCHEDULE

- 6.1 Schedule for Long Term Stewardship Activities
- 6.2 Cost Estimating, Funding and Financial Management
 - 6.2.1 Funding Sources
 - 6.2.2 Financial Management
 - 6.2.3 Cost Estimation

6.3 Schedule and Cost for LBS Activities

7.0 ROLES AND RESPONSIBILITIES

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- 7.1.1 Site Steward
- 7.1.2 Core Team
- 7.1.3 Regulatory
- 7.1.4 Delegated
- 7.1.5 Points of Contact

7.2 Responsibilities

- 7.2.1 Emergency Notification
- 7.2.2 Reporting / Five Year Reviews
- 7.2.3 Operation and Maintenance
- 7.2.4 Monitoring and Surveillance
- 7.2.5 Records
- 7.2.6 Final Site Disposition
- 7.2.7 Documentation Requirements
- 7.2.8 Information Management
 - 7.2.8.1 Site Characteristics and Setting
 - 7.2.8.2 Location and Nature of Residual Hazards
 - 7.2.8.3 Engineered and Institutional Controls used to manage Residual Hazards
 - 7.2.8.4 Operations and Activities that left residual hazards
 - 7.2.8.5 Regulatory and Institutional Framework for LTS
 - 7.2.8.6 Identifying LTS Information
 - 7.2.8.7 Information Preservation
 - 7.2.8.8 Storage and Archiving LTS Records
 - 7.2.8.9 Records Retrieval
 - 7.2.8.10 Public Access Systems
- 7.2.9 Oversight Responsibilities
 - 7.2.9.1 Internal Policies and Procedures
 - 7.2.9.2 External Policies and Procedures
- 7.2.10 Public Participation
 - 7.2.10.1 Roles and Responsibilities
 - 7.2.10.2 Public Information Plan

Insert guidelines

for Amending LTS document?
also what changes require what actions.

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3/29/01 DNR/EG Plot 7

STEWARDSHIP MEETINGS (PRE-PLANNING)

I. ~~Pre~~ planning.

A. Development Process

1. Due date: At issuance of ROD (9/01)

2. Committee Members

USACE, USEPA, Utilities, O.C. rep,
DNR

3. Topics

a. Define properties needing stewardship (in generalities)

b. Record keeping

c. Community notification

d. Monitoring

e. Utility/construction support

f. Regulatory/community oversight

g. funding

4. Meetings

a. 2000 - address (a, b, c)

b. 2001 - concur on (a, b, c) address (c, e, f, g)

c. 2001 - concur on (d, e, f, g)

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I A. 5. Concurrance development should disputes arise? ?

II. Potential Properties needing Stewardship?

A. Inaccesible soils exceed+ with contaminate levels exceeding cleanup criteria (under roads, railroads, buildings)?

B. Soils w/ contaminate levels exceeding 5 pCi/g - Ra-226 (equivalent) at any depth?

C. Soils w/ contaminate levels exceeding background levels?

D. Groundwater w/ contaminates of concerns?

1. above a pre-specified level (MCL) ?

2. above background ?

3. w/ fluctuating levels (increasing) ?

III. Record Kepping.

A. Public attainable map of ~~the~~ remediated areas and inaccessible soils to be located at:

1) utility companies

2) property owners

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III A) 3.) Regulatory / O.C. oversight offices.

- 1.) w/ contractors responsible for monitoring

- 2.) County and city offices

B.) Public depository of documents.

- 1.) Files at library to be left for perpetuity

- 2.) Updates provided as soils

- a.) soils are accessed and removed

- b.) after 5 yr review periods.

IV. Community Notification.

A. Correspondance - of reminders, contact names/numbers, available support sent on an annual/5 year/? interval to:

- 1.) city and county

- 2.) property owners

- 3.) utilities

B. Deed notices/restrictions?

- 1.) uniform to properties needing stewardship?

- 2.) vary in wording and requirements

- based on classification of property
(based on contamates)?

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- IV. C. Through periodic public meetings?
- D. Through periodic utility/city coordination meetings

V Monitoring.

A. Groundwater

1. Define areas (under points of contamination &/n known plumes.)
2. Specify parameters, duration, intervals, mechanisms for sampling and review

B. Radon

1. Define areas if applicable
2. Specify parameters duration, intervals, mechanisms for sampling and review

C. Dose

1. Define ... (bldgs over inacces. soils?)
2. Specify

D. Confirm / Check for changes in properties for accessibility to contaminates resulting from construction/abandonment.

(Specify intervals, responsibility)

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V. E. Check on properties specified as requiring stewardship. P5 of 7

- 1) Inaccessibles
- 2) levels $> 5 \text{ pCi/g Ra}$ at any depth? ^(legir.)
- 3) levels $>$ background? (specify intervals, responsibility)

VI. Utility Construction Support

A. Specify offices of contact for support and documentation.

B. Specify if physical support is to be provided by government directly or through contractor (could be same as responsible for monitoring)

C. Have to provide

1. Document research
2. on-site hp. support
3. Services for soil removal/shipment/disposal
4. Update records and provide community/owner notification.
5. Maintain a rail spur/shipping terminal.

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VII. Regulatory / Community Oversight

A. Maintain same or create a new community oversight committee. Designate means and intervals for meetings &/or correspondance.

Designate participation in document review and monitoring reviews.

B. Regulatory Oversight (EPA, DNR...)

1. Designate field presence, monitoring participation, roles in community notification, record keeping.

2. funding

3. Will participate in 5 year reviews and be a

signature on decision documents

-or- get concurrence on decisions related to continued stewardship/monitoring

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VIII Funding.

A. Establish office of responsibility

B. Secure mechanisms for
funding of:

1. Budgetable expenses:

record keeping, notification,
regulatory oversight, monitoring.

2. Fluctuating expenses.

utility support, soil removal
shipment & disposal.