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**FOLLOW-UP FROM THE JUNE 28, 1994 OPERABLE UNIT 2
FEASIBILITY STUDY/PROPOSED PLAN WORKSHOP (RESPONSE TO
QUESTIONS ASKED AT WORKSHOP)**

07/01/94

**DOE-2036-94
DOE-FN PUBLIC
5
RESPONSES**



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Department of Energy
Fernald Environmental Management Project
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JUL 01 1994
DOE-2036-94

Dear Stakeholder:

FOLLOW-UP FROM THE JUNE 28, 1994 OPERABLE UNIT 2 FEASIBILITY STUDY/PROPOSED PLAN WORKSHOP

Thank you for attending the Department of Energy's (DOE) workshop to discuss the Operable Unit 2 Feasibility Study and the revised Proposed Plan.

We felt we answered your questions at the meeting and your evaluation forms confirm that. However, there were a couple of concerns that DOE wanted to research further and give more complete answers and also two requests were made. The enclosure includes the responses to the four follow-up actions.

In order to inform as many people as possible, DOE is going to send this follow-up information to the Fernald Envoy Program to be distributed at their monthly meeting. Hopefully this arrangement of passing on information from meetings/workshops to the envoys will reach many more people than just those who are able to attend the meeting.

If you have any questions or concerns, please call me at 648-3153.

Sincerely,

Gary Stegner
Public Information

Enclosures: As stated

OUTSTANDING ISSUES FROM THE PUBLIC WORKSHOP

1. **The public requested a copy of the cross-section of the disposal cell.**

See attached figure from the Operable Unit 2 Proposed Plan of April 1994.

2. **Are Envirocare and the Operable Unit 2 proposed disposal cell similar?**

As the attached figures illustrate, both Envirocare and Operable Unit 2's proposed on-site disposal facility are similar in the protection that they provide. Operable Unit 2 has proposed a cap system an additional drainage layer while Envirocare includes an additional drainage system in the bottom liner. It is important to remember that Envirocare's facility has been designed to accept not only low-level radioactive waste but also mixed waste (waste with a radioactive and hazardous component). The Operable Unit 2 disposal cell has been designed to accept low-level radioactive waste only.

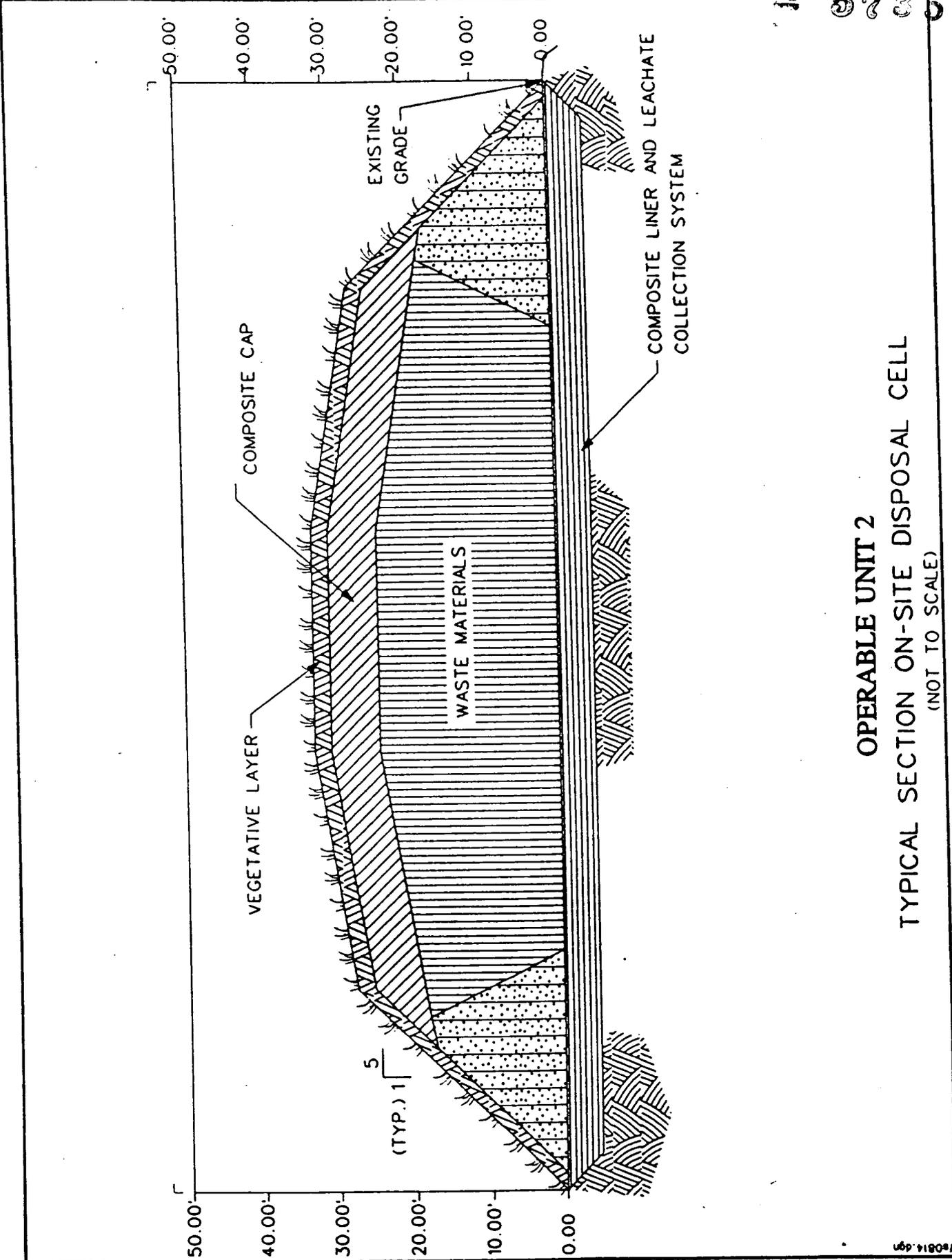
3. **What are the criteria for deleting a site from the CERCLA National Priorities List (NPL)?**

40 CFR §300.425(e) outlines the requirements for deleting a site from the NPL. Sites may be deleted from or recategorized on the NPL where no further response is appropriate. In making a determination to delete a site from the NPL, EPA shall consider, in consultation with the state, whether all appropriate response actions required have been implemented. Sites cannot be deleted from the NPL until the state in which the site is located has concurred on the proposed deletion. A site can be deleted from the NPL even if wastes remain on the site as part of the implemented response actions. The public will have 30 days to comment on a proposal to delete a site from the NPL. Deletion from the NPL does not absolve DOE of responsibility for the site. If there is a release in the future, DOE must correct the problem and the site may be placed on the NPL again.

4. **The public requested a list of contacts at completed UMTRA sites.**

The UMTRA program has a public affairs office that can assist the public with any immediate questions that they may have. The contact at this office is Fred Morgan and his phone number is (505)888-1300. The office also has a toll free number that reaches an answering machine. This machine is checked once daily and all calls will be returned by a staff member that can assist with any requests for information. This toll free number is 1-800-523-6495.

In addition, by Friday July 8, DOE will provide the public with a list of completed UMTRA sites, contacts at those sites, and any brochures/pictures that can be acquired. This list will be placed at the PEIC.

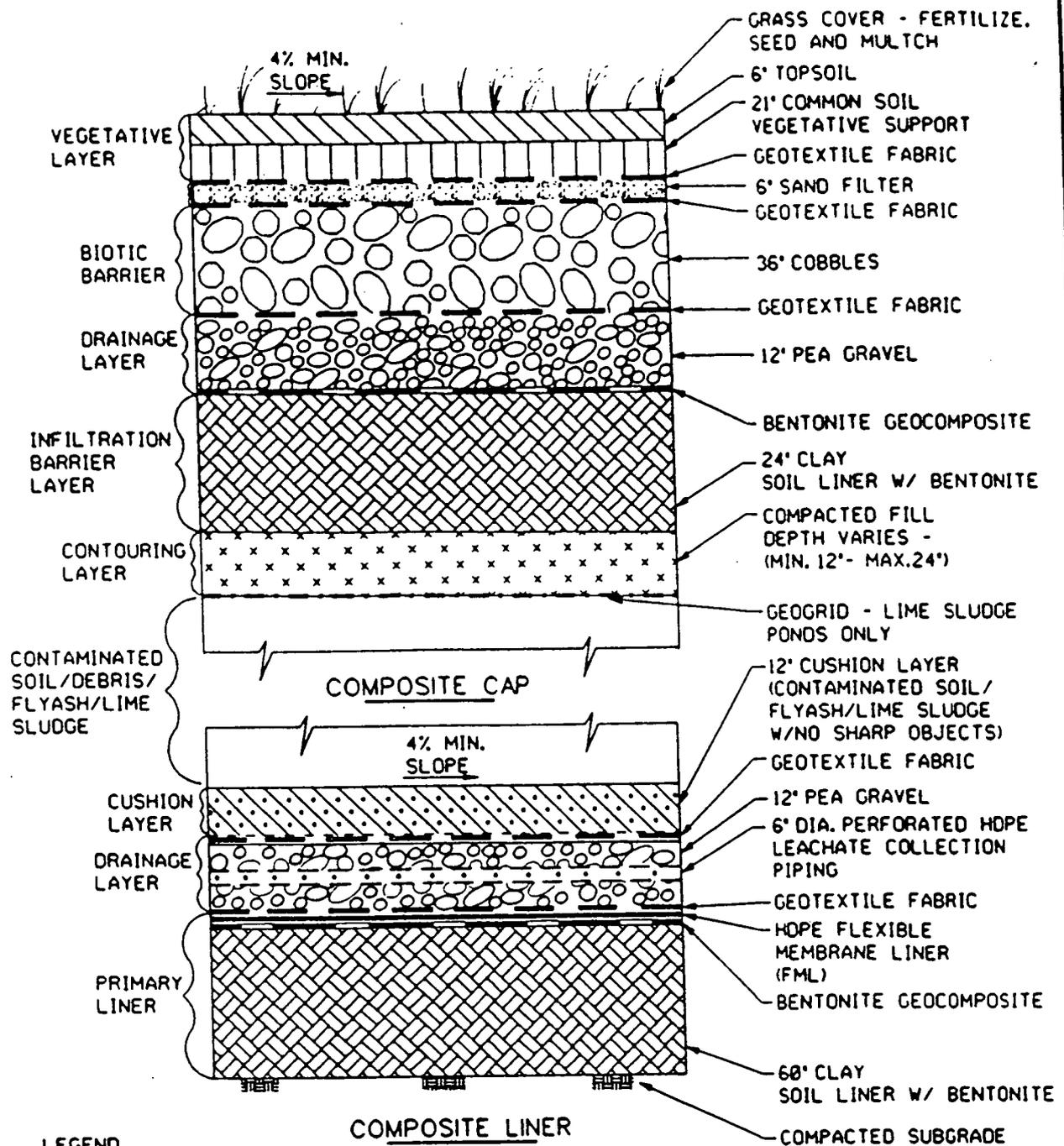


OPERABLE UNIT 2
TYPICAL SECTION ON-SITE DISPOSAL CELL
 (NOT TO SCALE)

(Figure 5-2 from April 1994 Proposed Plan for Remedial Actions at Operable Unit 2)

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- LEGEND**
- | | | | | | |
|--|--------------------|--|------------------------------------|--|------------------------------|
| | TOPSOIL | | SAND | | PEA GRAVEL |
| | VEGETATIVE SUPPORT | | COBBLES | | CLAY SOIL LINER W/ BENTONITE |
| | CUSHION LAYER | | HDPE FLEXIBLE MEMBRANE LINER (FML) | | BENTONITE GEOCOMPOSITE |
| | COMPACTED SUBGRADE | | | | |
| | CONTOUR FILL | | | | |
| | GRASS COVER | | | | |
| | GEOTEXTILE FABRIC | | | | |

**OPERABLE UNIT 2
TYPICAL DETAIL
COMPOSITE CAP AND LINER**

(NOT TO SCALE)

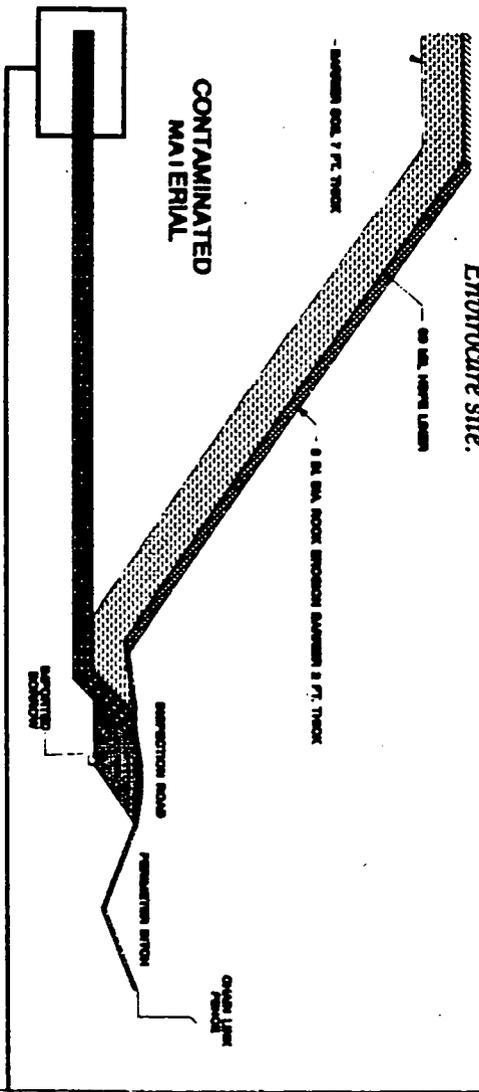
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DISPOSAL FACILITY AT ENVIROCARE OF UTAH

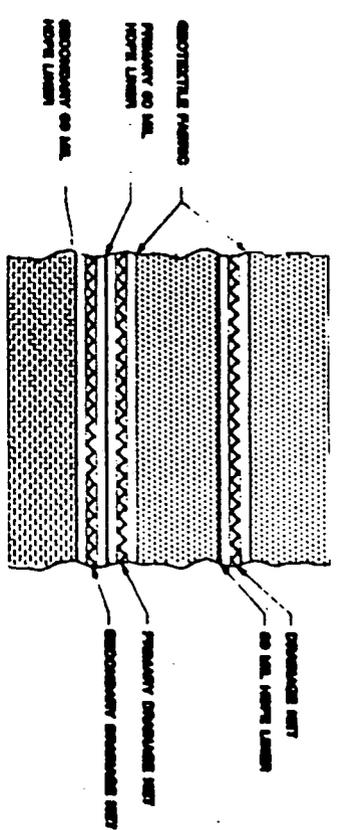
(taken from Envirocare brochure "The Safe Alternative for Radioactive and Mixed Waste Disposal")

A rock erosion barrier, filter zone and clay barrier permanently entomb LARW at the Envirocare site.



MIXED WASTE EMBANKMENT
CROSS SECTION

Envirocare's mixed waste site exceeds the requirements in 40 CFR for hazardous waste disposal. The site utilizes three synthetic liners with a leachate collection system for each liner. Additionally, the cell is enclosed in a natural clay radon barrier to further ensure the long-term protection of the environment.



CROSS SECTION OF LINER SYSTEM