Department of Energy
Office of Legacy Management

AUG 2 7 2007

Keith McConnell, Deputy Director
Decommissioning and Uranium Recovery Licensing Directorate
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Revisions: Draft Long-Term Surveillance Plan for the Maybell West, Colorado, UMTRCA Title II Site

Dear Mr. McConnell:

Subsequent to our submittal by letter dated June 27, 2007, the following revisions were made to the draft *Long-Term Surveillance Plan for the U. S. Department of Energy Maybell West (UMTRCA Title II) Disposal Site, Moffat County, Colorado.* These revisions were made primarily as a result of a pre-transition site visit made on July 17, 2007. Please consider these revisions to the draft document during your review.

Revisions:

- Figure 2–2 (page 2–5) *Maybell West, Colorado, Disposal Site Map*: This figure was revised to include: the apron at the toe of the disposal cell; a grade break to distinguish the top of the cell from the side slopes; flow lines and flow direction in Channel No. 1 on the cell top; disposal cell slope direction lines; a correction to the scale; and perimeter warning signs locations.

- Figure 2–6 (page 2–11) *Typical Cover Cross-Section, Maybell West, Colorado, Disposal Cell*: This figure was revised to include: the apron at the toe of the disposal cell.

- Section 2.4.3 (page 2–10) *Surface Water Diversion System*: Additional text (paragraph) was added to describe the apron at the toe of the disposal cell, as follows: "Surface water runoff from the side slopes of the disposal cell is conveyed by an apron at the toe of the cell to several appropriately spaced toe drains that lie perpendicular to, and slope away from, the apron. The apron and toe drains are constructed channels with a minimum depth of 24 inches that is filled with Type B riprap (12-inch minimum diameter rock size). The disposal cell was designed to control surface water runoff resulting from the probable maximum flood (PMF)."

These revisions, along with any that result from your review, will be incorporated into the final document.

Please call me at (202) 586-5881 if you have questions.

Sincerely,

Digitally signed by Jagdish L. Malhotra
Date: 2007.08.23 12:17:48 -04'00'

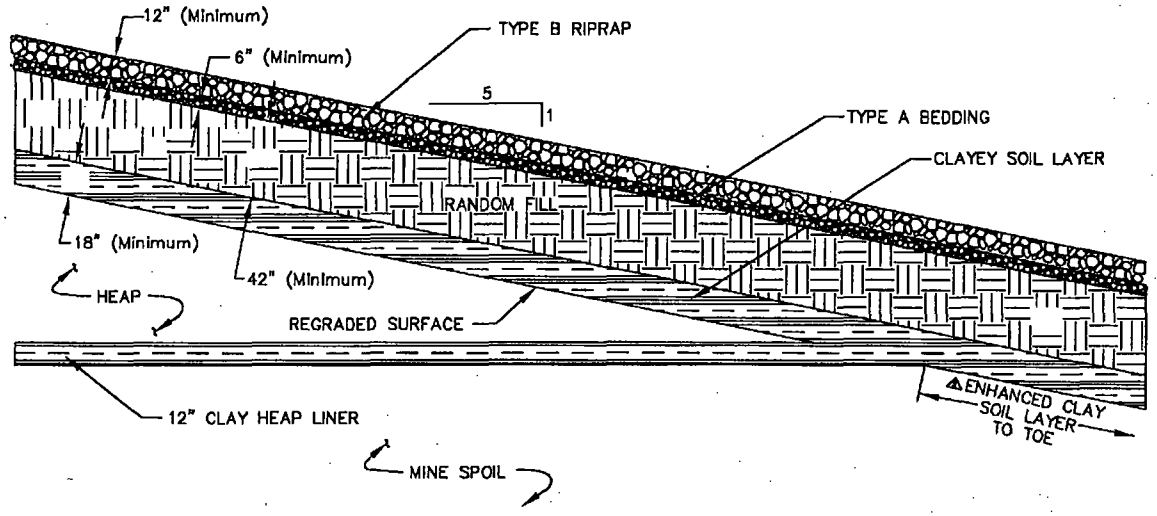
Jagdish Malhotra
Site Manager

Enclosures

cc w/enclosures:
P. Michalak, NRC (3 copies)
File MAW 505.15 (Roberts)

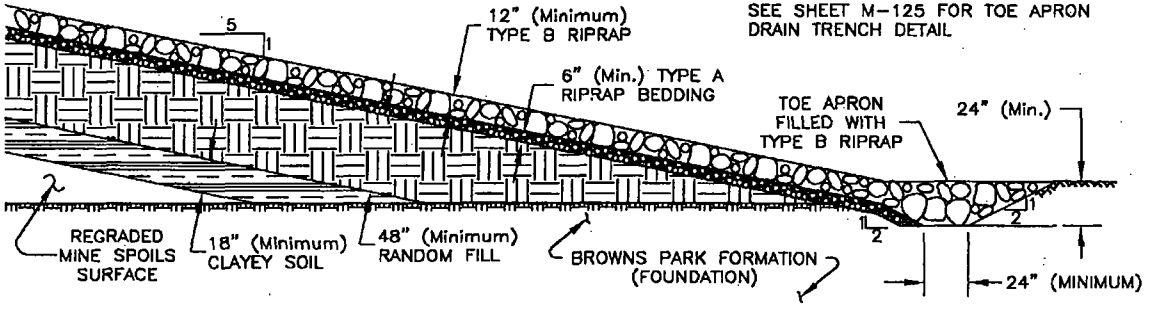
cc w/o enclosures:
W. Von Till, NRC
R. Bush, DOE/LM-20 (e)
M. Widdop, Stoller (e)
S. Hall, Stoller (e)

Malhotra\Maybell\8-20 Draft LTSP Revisions.doc



SOURCE:
UMETCO 2006, "HEAP LEACH REPOSITORY CROS SECTIONS AND DETAILS, 2005 AS-BUILTS," SHEETS M-124 AND M-125, JANUARY

SIDE SLOPE SECTION



TOE APRON SECTION

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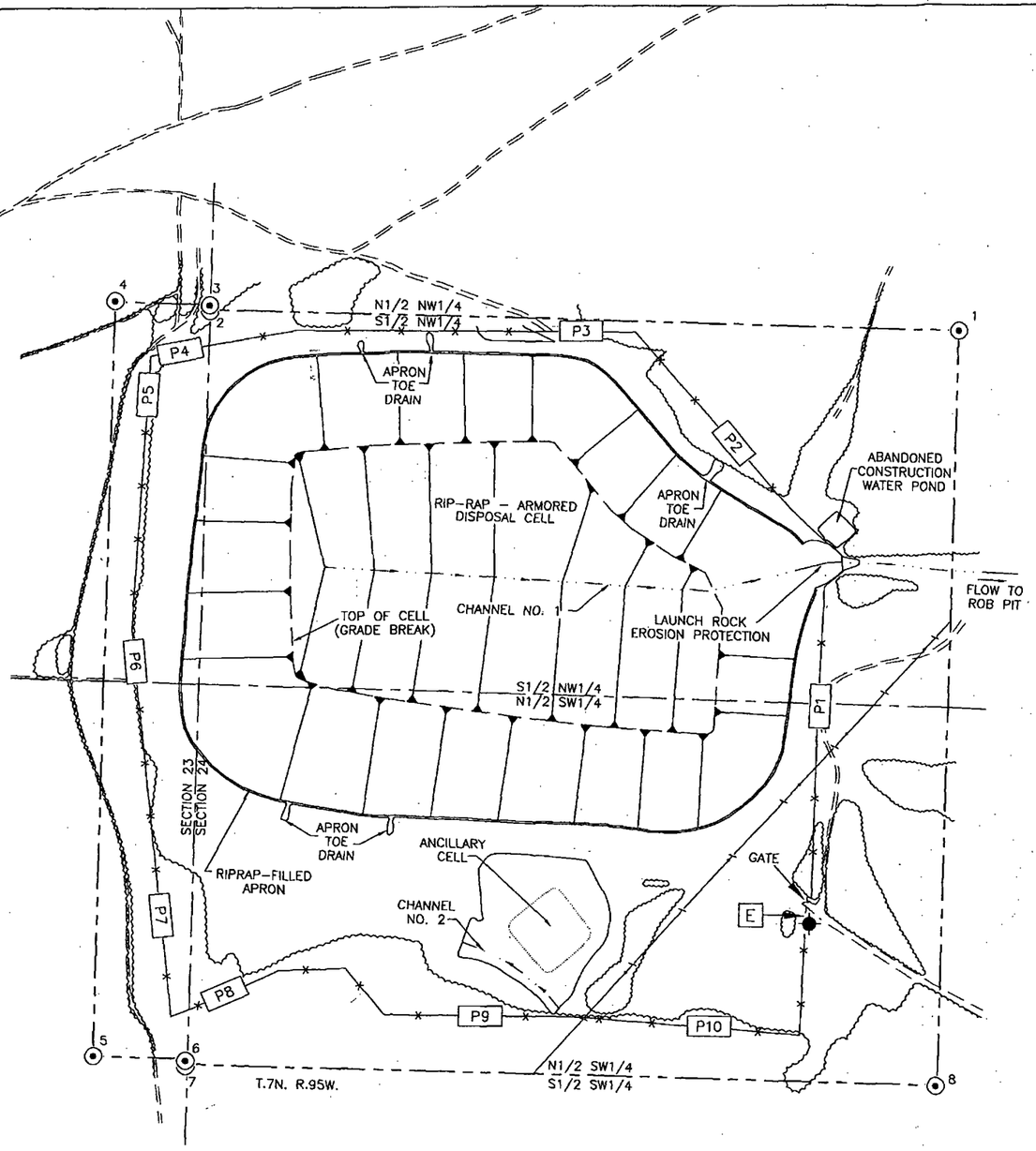

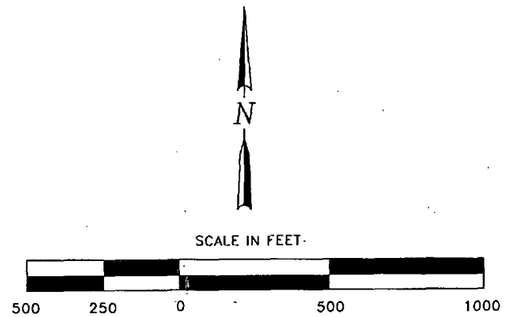

LEGEND

E	ENTRANCE SIGN
P1	PERIMETER SIGN AND IDENTIFER (APPROXIMATE LOCATION)
⊙	BOUNDARY MONUMENT
✦	SITE MARKER
— — —	PROPERTY BOUNDARY
— - —	SECTION LINE
—×—×—	WIRE FENCE
~~	VEGETATION
= = = = =	DIRT ROAD
- - - - -	CHANGE IN SLOPE
— ► · —	FLOW LINE AND FLOW DIRECTION

U.S. DEPARTMENT OF ENERGY GRAND JUNCTION, COLORADO	Work Performed by S.M. Stoller Corporation Under DOE Contract No. DE-AC01-02GJ79491

DISPOSAL SITE MAP
MAYBELL WEST, COLORADO

DATE PREPARED: AUGUST 7, 2007	FILENAME: S0331600

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