

REVIEW AND COMMENT RECORD

1. Page 1 of 3

2. Date: February 24, 1993

3. Document No./Title: Draft Technical Memorandum No. 7, Soil Boring Sampling Plan - Ash Pits 1-4, Incinerator, and Concrete Wash Pad, January, 1993

Reviewer's Name: Agency: Colorado Department of Health

Date: January 4, 1993

Item	Comment(s)	Disposition	Status
1. SPECIFIC COMMENTS	In Sections 2.2.1 and 3.1, the text refers to the two 6-foot boreholes being proposed for IHSS 133.1. The Division is concerned that, if the trench is greater than 6 feet deep, a sample in the upper 6 feet may only collect backfill material and may not gather the needed information. The Division proposes that the two 6-foot boreholes in this IHSS be replaced with one borehole drilled to bedrock. This would conclusively establish the existence or absence of disposed material in the IHSS, at which time the need for additional data could be reevaluated.	Page 15, second paragraph, the text has been revised to include the drilling and sampling of one borehole to bedrock, placed in the center of IHSS 133.1.	Accepted
2. SPECIFIC COMMENTS	Regarding the drilling and sampling procedures presented in Section 3.2 and 3.3, the 6-foot composite samples will still be collected when 18-inch drive samplers are used. In this case <u>four</u> consecutive core samples will be collected, classified, logged, peeled, and composited, rather than three.	Page 21, second paragraph, the text has been revised to include the statement that composite samples will be collected after three consecutive 2-foot, or four consecutive 18-inch samples have been obtained.	Accepted

ADMIN RECORD

A-0U05-000131

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REVIEWED FOR CLASSIFICATION/UCNI	
BY	G. T. Ostdiek <i>GT</i>
DATE	<u>3-3-93</u>

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3. SPECIFIC COMMENTS	The last paragraph on page 18 should be expanded to address subsamples within the ash layer if visible changes in the ash layer are evident.	Page 21, third paragraph has been rewritten as follows to incorporate this comment. An alternative sample method to be followed will be composite sampling based on lithology as opposed to six-foot intervals. The rig geologist will be responsible for implementing this method provided there is a distinct visible lithologic difference between natural geologic materials, artificial fill, ash material and/or visible changes within the ash layer(s). If this distinction can be made during drilling operations, composite samples will be made up of natural geologic materials and artificial fill, and ash materials, separately, and possibly separate subsamples within the ash layer(s) if visible changes occur.	Accepted

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4. SPECIFIC COMMENTS	Figure 8 shows a slight discrepancy between the center point of the south trench in IHSS 133.3 and the centerline of the three boreholes to be drilled therein. Since the ash-filled width of this trench may be fairly narrow, please ensure that the boreholes are located in the area where the ash is expected, not necessarily over the center of the disturbed area.	Figure 8 has been corrected so that the proposed bore hole locations are in line with the center point.	Accepted