

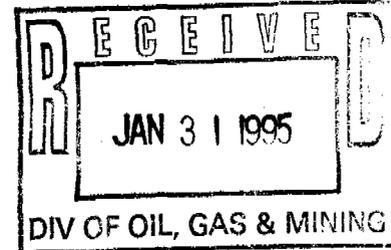


January 26, 1995

Mr. Daron Haddock, Permit Supervisor
Division of Oil, Gas, & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

*Copy Henry
File Act/007/004*

Re: Amax Coal Company
Permit ACT/007/004



Dear Mr. Haddock:

The revisions to the Crandall Canyon soil sampling program prepared by Earthfax Engineering as requested by Mr. Henry Sower are acceptable. Because of the amount of snow in Crandall Canyon, we will not implement the sampling program until this spring.

If you have questions, please call me at (801)636-2250.

Respectfully,

A handwritten signature in cursive script that reads 'Lonnie Mills'.

Lonnie Mills,
Sr. Environmental Engineer

cc: B. Hendrickson
J. Borla

January 24, 1995



EarthFax

EarthFax
Engineering Inc.
Engineers/Scientists
7324 So. Union Park Ave.
Suite 100
Midvale, Utah 84047
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Mr. Daron Haddock
Permit Supervisor
Division of Oil, Gas and Mining
3 Triad Center
Suite 350
Salt Lake City, Utah 84180-1203

Re: Proposed Soil Sampling Program in Crandall Canyon
Castle Gate Coal Mine, ACT/007/004
Carbon County, Utah.

Dear Mr. Haddock:

Enclosed, please find the response to the memo from Henry Sower dated January 4, 1995, and referenced in your cover letter of January 17, 1995. Two technical issues were raised in the memo: (1) sampling increments within the upper one foot did not meet with D.O.G.M. approval, and (2) sample compositing strategy needs clarification.

In accordance with the recommendations of the memo, the sampling program has been revised to include the collection of soil samples in six inch increments from the upper one foot of the previously described sample locations within Crandall Canyon. The revised sampling program is included in Table 1.

Additionally, Table 1 indicates the compositing strategy proposed for analytical purposes. For example, samples collected from 0-6 inches in EF-1, and EF-2, and 0-6 inches from EF-5 and EF-6 will be composited independently (OB-1 and OB-6), and submitted for analysis. In this way, composites will be collected from corresponding depth increments at adjacent sample locations.

If you have any questions, please call me.

Sincerely yours,

David McMillan
Geochemist

cc: Lonnie Mills
Bill Hendrickson
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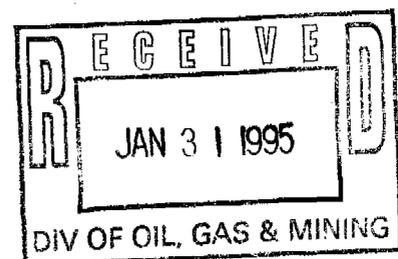


TABLE 1.
SAMPLING AND ANALYTICAL PROGRAM FOR CANYON BOTTOM
OVERBURDEN AREAS

Soil Pit No.	Depth	Composite/Discrete Sample No.	Analyses
EF-1	0-6"	OB-1 ¹	DOGM; T6 ²
EF-1	6-12"	OB-2	DOGM; T6
EF-1	18-24"	OB-3	DOGM; T6
EF-1	30-36"	OB-4	DOGM; T6
EF-1	42-48"	OB-5	DOGM; T6
EF-2	0-6"	OB-1	DOGM; T6
EF-2	6-12"	OB-2	DOGM; T6
EF-2	18-24"	OB-3	DOGM; T6
EF-2	30-36"	OB-4	DOGM; T6
EF-2	42-48"	OB-5	DOGM; T6
EF-3	0-6"	EF-3-1 ³	DOGM; T6
EF-3	6-12"	EF-3-2	DOGM; T6
EF-3	18-24"	EF-3-3	DOGM; T6
EF-3	30-36"	EF-3-4	DOGM; T6
EF-3	42-48"	EF-3-5	DOGM; T6
EF-4	0-6"	EF-4-1	DOGM; T6
EF-4	6-12"	EF-4-2	DOGM; T6
EF-4	18-24"	EF-4-3	DOGM; T6
EF-4	30-36"	EF-4-4	DOGM; T6
EF-4	42-48"	EF-4-5	DOGM; T6
EF-5	0-6"	OB-6	DOGM; T6
EF-5	6-12"	OB-7	DOGM; T6

Table 1 (continued).

Soil Pit No.	Depth	Composite/Discrete Sample No.	Analyses
EF-5	18-24"	OB-8	DOGM; T6
EF-5	30-36"	OB-9	DOGM; T6
EF-5	42-48"	OB-10	DOGM; T6
EF-6	0-6"	OB-6	DOGM; T6
EF-6	6-12"	OB-7	DOGM; T6
EF-6	18-24"	OB-8	DOGM; T6
EF-6	30-36"	OB-9	DOGM; T6
EF-6	42-48"	OB-10	DOGM; T6
EF-7	0-6"	EF-7-1	DOGM; T6
EF-7	6-12"	EF-7-2	DOGM; T6
EF-7	18-24"	EF-7-3	DOGM; T6
EF-7	30-36"	EF-7-4	DOGM; T6
EF-7	42-48"	EF-7-5	DOGM; T6

1. OB-1 - Overburden composite sample
2. DOGM; T6 - Table 6. Analytical Methods for Baseline Soils Data; in Guidelines for Management of Topsoil and Overburden for Underground and Surface Coal Mining, D.O.G.M., 1988.
3. EF-3-1 - Overburden discrete sample