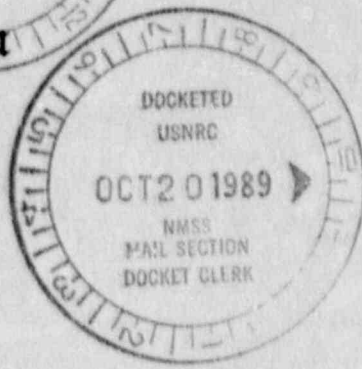
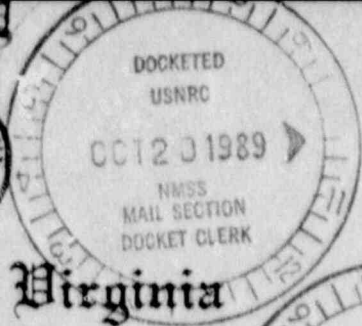


RETURN TO 3713

40-8820
PDR

Gaston Caperton
Governor



State of West Virginia

DEPARTMENT OF HEALTH
CHARLESTON 25305

October 16, 1989

AMAX
Environmental Services, Inc.
1707 Cole Boulevard
Golden, Colorado 80401

Attention: James E. Kerrigan

Dear Mr. Kerrigan:

In accordance with our agreement with AMAX, we wish to submit the results of our site visit to the stabilization site in Washington, Wood County, West Virginia on October 6, 1989. Our next visit will be in April, 1990.

WELL MONITORING

The four wells located around the stabilization area were sampled by Rodney Kovack and Beattie DeBord. The pumps on wells 1 and 2 were run for 15 minutes before samples were collected in PVC bottles, capped and labeled. Samples could not be obtained on wells 3 and 4.

The samples were returned to our laboratory and were counted October 13 1989. The results of alpha and beta activity were found to be below 15 pCi/l alpha and 50 pCi/l beta. Enclosed are copies of the individual analysis.

PHYSICAL CONDITION OF THE SITE

1. STABILIZATION AREA - no channel erosion was noted and the area has an excellent stand of grass.
2. FENCE - the chain-link fence enclosing the stabilization area was sound and secure. The main gates and equipment were secured with keyed industrial locks.
3. DRAINAGE AREA - the slopes outside the fenced area were void of channel erosion and have a good stand of grass.
4. ACCESS TO SITE - a crossing had been completed on only one set of tracks.

Sincerely,

Beattie L. DeBord
Radiological Health Specialist
Radiological Health Program
Industrial Hygiene Division

8911060329 891016
PDR ADOCK 04008820
C PNU

COPY: Germain LaRoch

11
DF03

26029

WEST VIRGINIA DEPARTMENT OF HEALTH
RADIOLOGICAL HEALTH PROGRAM

DATA SHEET

Date Collected 10-6-84 Sample No. 1
 Date Counted 10-13-84 Sample Volume 150 ml
 Type of Sample Well Water Analyst ICW
 Sample Location Arms #1

TOTAL SOLIDS

Gross wt. 7.8952 gm.
 Tare wt. 7.8326 gm.
 Net wt. ~~7.8952~~ 62.6 mg.
 Alpha efficiency 17.0 %
 Beta efficiency 41.0 %

Plateau	Fractions	Time of Count	Total Count	Count Rate CPM	BKG	Net Count Rate CPM
Alpha	Background	60	6	.1	XXX	XXXXXXXXXX
Beta	Background	60	67	1.11	XXX	XXXXXXXXXX
Alpha	Total	60	7	.11	1	.00
Beta	Total	60	80	1.33	1.11	.22

SUMMARY OF RESULTS

Activity - pCi/l @ 95% C.L.

	Total
Alpha	.18 ± 2.09
Beta	1.61 ± 2.25

WEST VIRGINIA DEPARTMENT OF HEALTH
RADIOLOGICAL HEALTH PROGRAM

DATA SHEET

Date Collected 10-6-89 Sample No. 2
 Date Counted 10-13-89 Sample Volume 100 ml
 Type of Sample well water Analyst Korvack
 Sample Location Amx Well #2

TOTAL SOLIDS

Gross wt. 7.8036 gm.
 Tare wt. 7.7985 gm.
 Net wt. 65.1 mg.
 Alpha efficiency 16.1 %
 Beta efficiency 40.1 %

Plateau	Fractions	Time of Count	Total Count	Count Rate CPM	BKG	Net Count Rate CPM
Alpha	Background	60	6	.1	XXX	XXXXXXXXXX
Beta	Background	60	67	1.11	XXX	XXXXXXXXXX
Alpha	Total	60	11	.18	.1	.08
Beta	Total	60	76	1.26	1.11	.15

SUMMARY OF RESULTS

Activity - pCi/l @ 95% C.L.

	Total
Alpha	2.25 ± 3.85
Beta	1.69 ± 4.48

JACKET NO. 40-8820
CONTROL NO. 26029
DATE OF DOC. October 16, 1989
DATE RCVD. October 20, 1989
FCUF _____ PDR
FCAF LPDR _____
I & E REF.
SAFEGUARDS _____
FCTC _____ OTHER _____
DATE 10/24/89 INITIAL SAC