

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

BUREAU OF WASTE MANAGEMENT
SOUTHWESTERN REGION

GENERAL INSPECTION FORM

Facility Name Kiski Valley Water Pollution Date 3-24-94

Address Control Authority - Lagoon ash sampling
1200 Pine Run Road, Leechburg Pa 15656
Allegheny Twp, West. Co.

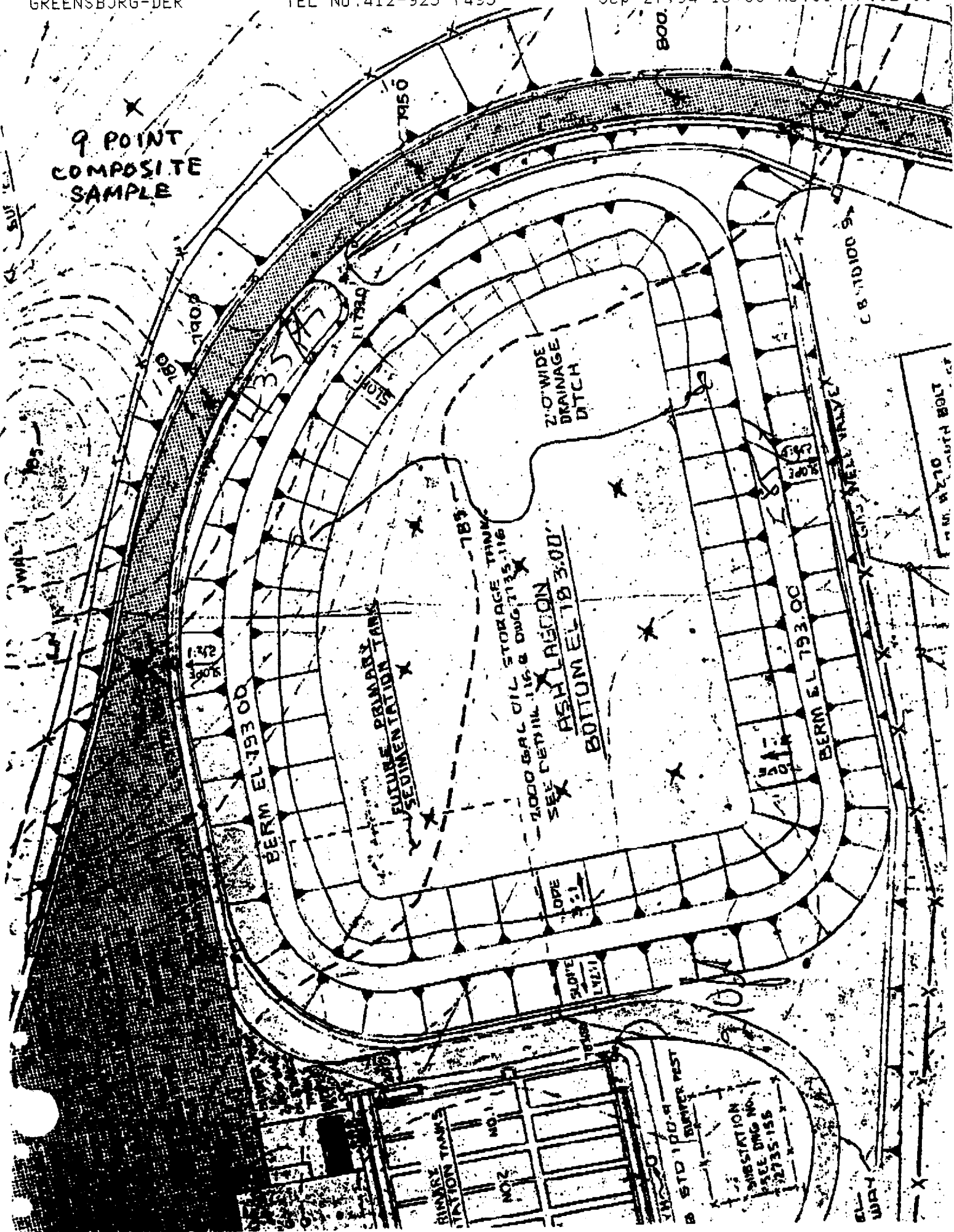
Comments a composite ^{OF 15 UNITS} ash sample was taken on this
date from the lagoon. Using a soil probe, samples
were taken from the surface to a six foot depth.
All ash was mixed thoroughly in a stainless steel
bucket and one composite sample (1 kg) was
taken for special analysis at the Harrisburg lab
A gamma scan and isotopic evaluation
will be conducted for cobalt, radium, thorium
uranium and plutonium.

The dry ash collection system is in place
and ^{ash} has been taken to Chambers Landfill for
disposal. Sebastian Giotto, manager and
Tom Blaskovich were on site for this meeting.

Sebastian Giotto
T. Blaskovich

Gerald D. Nye
SOLID WASTE SPECIALIST

9 POINT
COMPOSITE
SAMPLE



PRIMARY TANKS

NO.	NO.
NO. 1	NO. 2
NO. 3	NO. 4
NO. 5	NO. 6
NO. 7	NO. 8
NO. 9	NO. 10

STATION
B STD 100-A
SUPER PEST
SEE DWG NO.
1235 155

D.E.R.

Greensburg District Office



*PADEN composite sample
of sludge in
... ..*

Date: 9-27-94

TO: Heather Astwood
N.R.C. - (FAX) 301-415-5398

FROM: Gerald Tripoli
P.A.D.E.R. - Bus. Ofc. 412-925-5404

Message: Maps and inspection report of
3-24-94 sampling event

Fax Cover Sheet

No. of Pages 3
(Including cover sheet)

Commonwealth of Pennsylvania
Bureau of Laboratories
Radiation Measurements Section

Laboratory Number : 42521 Sample Number : 2522831
Specimen Received : 03/25/94 Collection Time : 14:45 Collection Date : 03/24/94

Establishment KVWPCA	Case BWM	Facility LAGOON ASH
County WESTMORELAND	Municipality ALLEGHENY TWP	Program SWM
Collector's Name TRIPOLI	Collector's Phone NOT GIVEN	Sample Type Sludge
Bureau or Agency BWM	Region FIVE	Air Volume NOT GIVEN

Legal Seal Information

Seal Number	Sample Recipient	Condition
586	TJM	INTACT
587	TJM	INTACT

Tests Requested :
Gamma
Alpha

- * - A sample value is an observed reading of a sample's radioactivity on a given date and time.
- * - The Lowest Level of Detection { LLD } is the minimum sample value that can be detected with 95% confidence.
- * - The Counting Error { CE } is a factor that when added to and subtracted from a sample value, defines a range that will with 95% confidence encompass the actual sample value.

Unless otherwise noted all values reported are picocuries per dried kilogram

	95% LLO	Sample Value	95% CE
54 Mn **	6.00	0.00	
59 Fe **	13.00	0.00	0.00
58 Co **	6.00	0.00	0.00
60 Co	6.00	0.00	0.00
65 Zn **	14.00	223.00	11.00
90 Zr **	11.00	0.00	0.00
93 Nb **	8.00	0.00	0.00
131 I **	7.00	0.00	0.00
134 Cs **	8.00	0.00	0.00
137 Cs	6.00	0.00	0.00
140 Ba **	21.00	86.00	7.00
140 La **	44.00	0.00	0.00
212 Pb	22.00	0.00	0.00
214 Pb	47.00	3370.00	29.00
228 Th	103.00	3980.00	53.00
230 Th	209.00	626.00	69.00
232 Th	76.00	410.00	104.00
238 Pu **	39.80	418.00	54.00
234 U	1074.00	38.20	15.20
235 U	352.00	34201.00	568.00
238 U	472.00	5516.00	253.00
		7842.00	250.00

* This symbol indicates the reported sample value is lower than its corresponding lowest limit of detection.

Printing Date : 07-06-1994

Reviewed By :

PRELIMINARY REPORT, Radium 226 and Radium 228
PENDING.

7-6-94
RHS

Radiation Analysis Results

Laboratory Number : 42521

Sample Number : 2522831

Unless otherwise noted all values reported are picocuries per dried kilogram

	95% LLD	Sample Value	95% CE
226 Ra	12.39	937.34	32.97
228 Ra	273.63	1886.89	228.94
54 Mn **	6.00	0.00	0.00
59 Fe **	13.00	0.00	0.00
58 Co **	6.00	0.00	0.00
60 Co	6.00	223.00	0.00
65 Zn **	14.00	0.00	11.00
75 Zr **	11.00	0.00	0.00
93 Nb **	8.00	0.00	0.00
131 I **	7.00	0.00	0.00
134 Cs **	8.00	0.00	0.00
137 Cs	6.00	86.00	7.00
140 Ba **	21.00	0.00	0.00
140 La **	44.00	0.00	0.00
212 Pb	22.00	3370.00	29.00
212 Pb	47.00	3980.00	53.00
212 Pb	103.00	626.00	69.00
232 Th	209.00	410.00	104.00
232 Th	76.00	418.00	54.00
238 Pu **	39.80	38.20	15.20
238 U	1074.00	34201.00	568.00
238 U	352.00	5516.00	253.00
238 U	472.00	7842.00	250.00

* - This symbol indicates the reported sample value is lower than its corresponding lowest limit of detection.

Printing Date : 09-02-1994

Reviewed By : *[Signature]*
7/2/94

Sample No. 12/14/94

ANALYST: J. J. ...
 DATE: 12/14/94
 TIME: ...
 LOCATION: ...
 METHOD: ...
 INSTRUMENT: ...
 REAGENT: ...
 STANDARD: ...

TIME	TEMPERATURE	PH	CONDUCTIVITY	RESISTIVITY	DEGREE OF PURITY
14704	21.0	6.8	100	1.0	100%
14705	21.0	6.8	100	1.0	100%
14706	21.0	6.8	100	1.0	100%
14707	21.0	6.8	100	1.0	100%
14708	21.0	6.8	100	1.0	100%
14709	21.0	6.8	100	1.0	100%
14710	21.0	6.8	100	1.0	100%
14711	21.0	6.8	100	1.0	100%
14712	21.0	6.8	100	1.0	100%
14713	21.0	6.8	100	1.0	100%
14714	21.0	6.8	100	1.0	100%
14715	21.0	6.8	100	1.0	100%

COMMENTS:
 ALL DATA POINTS ARE WITHIN 1% OF THEORETICAL VALUE.
 SAMPLE IS PURE.

ADDITIONAL SAMPLES OF ASK
 BY DADCO ON 12/14/94

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EXTRACTOR REPORT
 AT BUREAU OF BUREAU

DATE: 11/14/74
 TIME: 10:00 AM

COLLECTOR W. J. JENKINS
 COLLECTOR NO. BR 1001
 ESTABLISHMENT 10101
 DATE TAKEN 11/14/74
 TIME 10:00 AM
 LOCATION 10101
 ROOM NO. 10101

SEAL NO. 10101
 SEAL DATE 11/14/74

TEST	RESEARCHER	REAGENT	EXTRACTOR	ANAL. SUBS.	DATE	COMMENT
10101	W. J. JENKINS	10101	10101	10101	11/14/74	
10102	W. J. JENKINS	10101	10101	10101	11/14/74	
10103	W. J. JENKINS	10101	10101	10101	11/14/74	
10104	W. J. JENKINS	10101	10101	10101	11/14/74	
10105	W. J. JENKINS	10101	10101	10101	11/14/74	
10106	W. J. JENKINS	10101	10101	10101	11/14/74	
10107	W. J. JENKINS	10101	10101	10101	11/14/74	
10108	W. J. JENKINS	10101	10101	10101	11/14/74	
10109	W. J. JENKINS	10101	10101	10101	11/14/74	
10110	W. J. JENKINS	10101	10101	10101	11/14/74	**See also BR 1001

EXTRACTOR REPORT

W. J. JENKINS

TEST

10101

RESEARCHER: W. J. JENKINS
 REAGENT: 10101
 EXTRACTOR: 10101
 ANAL. SUBS.: 10101
 DATE: 11/14/74
 TIME: 10:00 AM
 LOCATION: 10101
 ROOM NO.: 10101

[Handwritten signature]
 11/14/74

COLLECTOR
 COLLECTOR NO
 POST-RETURN
 DATE MADE
 RECEIVED
 AMOUNT

Year	REGISTRATION	REGISTRATION	REGISTRATION	REGISTRATION	REGISTRATION	REGISTRATION
1973	01-1015-10Y	1,100	01-1015-10Y	1,100	01-1015-10Y	1,100
1973	02-1015-10Y	1,100	02-1015-10Y	1,100	02-1015-10Y	1,100
1973	03-1015-10Y	1,100	03-1015-10Y	1,100	03-1015-10Y	1,100
1973	04-1015-10Y	1,100	04-1015-10Y	1,100	04-1015-10Y	1,100
1973	05-1015-10Y	1,100	05-1015-10Y	1,100	05-1015-10Y	1,100
1973	06-1015-10Y	1,100	06-1015-10Y	1,100	06-1015-10Y	1,100
1973	07-1015-10Y	1,100	07-1015-10Y	1,100	07-1015-10Y	1,100
1973	08-1015-10Y	1,100	08-1015-10Y	1,100	08-1015-10Y	1,100
1973	09-1015-10Y	1,100	09-1015-10Y	1,100	09-1015-10Y	1,100
1973	10-1015-10Y	1,100	10-1015-10Y	1,100	10-1015-10Y	1,100
1973	11-1015-10Y	1,100	11-1015-10Y	1,100	11-1015-10Y	1,100
1973	12-1015-10Y	1,100	12-1015-10Y	1,100	12-1015-10Y	1,100

TOTAL
 1973
 12-1015-10Y
 1,100

11-70

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SECTION TITLE

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SECTION TITLE

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