START

TEST REQUEST FORM

Sample/Specimen No. 0-004 Cost Code/Work Order No. ED-332

Requested By: Org. 80232 Person J. LINDBERG Date 1-17-90

Test Requested	No. of Samples	Test Lab Information (Instruction Used)
SIEVE ANALYSIS	1	ETAL-07
HYDROMETER	1	ETAL-07 (IF REQ)
MOISTURE	1	ETAL-14
N/A	N/A	N/A

Remarks FIELD SAMPLE MW-11-1

Received By: RG ALEXANDER Date 1-18-90

Approved By: RG ALEXANDER Date 1-17-90

DEC 1991 RECEIVED EDMC

9 2 1 2 1 1 0 7 2 2

SIEVE ANALYSIS DATA SHEET

Sample ID 0-004 Page 1 of 1

Tested By R. G. ALEXANDER Date 1-17-90

Procedure ETAL-07 Rev 1 Date Issued 11-15-89

EQUIPMENT ITEM	CALIBRATION NO.	DATE DUE
Balance	3304	3-25-90
Thermometer	0006	2-6-90
N/A	N/A	N/A

Sample Description SANDY GRAVEL Sieve Time 10 (min)

reduced by ☒ splitting ☒ quartering ☐ stockpile

BEFORE TEST WT. (B) N/A AFTER TEST WT. (A) N/A $\frac{B-A}{B}$ X 100 = N/A % LOSS

Sieve ID Number	Sieve Size	Sample Weight	Cumulative Wt. Retained (g)	% Retained	Cumulative % Retained	Cumulative % Pass	% Pass
N/A	2	4640.60	Ø	Ø	Ø	100	100
	1 1/2		404.15	8.7	8.7	91.3	91.3
	1		931.66	20.1	20.1	79.9	79.9
	3/4		1209.77	26.1	26.1	73.9	73.9
	1/2		1455.56	31.4	31.4	68.6	68.6
	3/8		1638.85	35.3	35.3	64.7	64.7
	#4		1888.34	40.7	40.7	59.3	59.3
	#10		2342.00	50.5	50.5	49.5	49.5
	#40	~~4640.60~~ 164.44	131.13	79.7	79.7	20.3	10.0
	#60	164.44	145.59	88.5	88.5	11.5	5.7
	#100		150.90	91.8	91.8	8.2	4.1
	#200		154.61	94.0	94.0	6.0	3.0

Finess Modules (FM) N/A (See ASTM C 136-83, Section 8.2)

MATERIALS FINER THAN NO. 200 SIEVE BY WASHING

C=Percentage of Material Passing a 200 Sieve 6.0 %

D=Original Dry Weight of Sample 164.44 g

E=Dry Weight of Sample After Washing/Sieve 154.61 g

C = <(D-E)/D> X 100

Remarks
WASH FINE GRADING
SMALL FIELD
SAMPLE

ALL DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS TRAINED AND USED CALIBRATED INSTRUMENTS

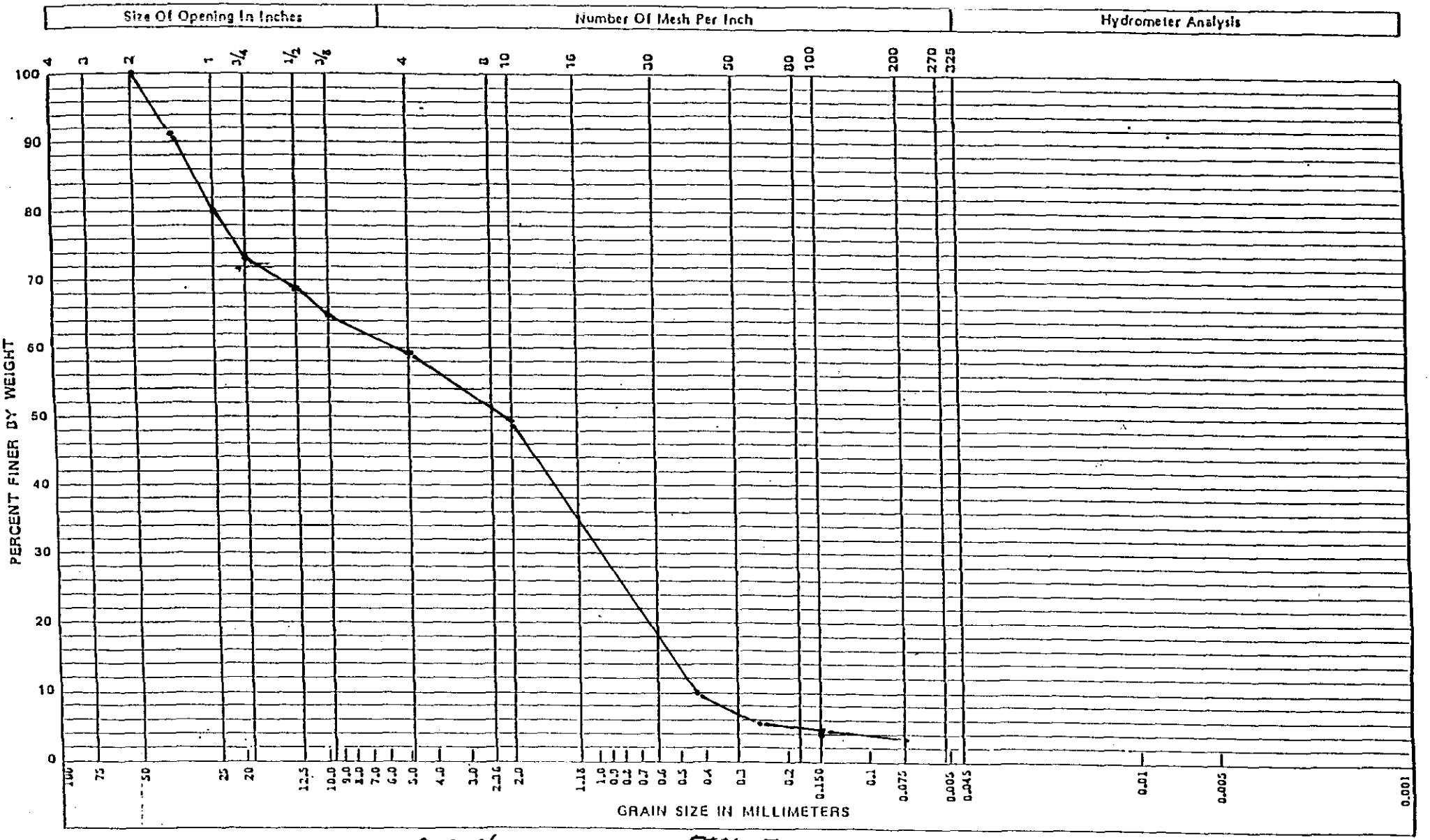
Checked By H L Benny Date 1-18-90

A-6400-204(2-87)

9212110023

9 2 1 2 1 0 2 4

GRAIN SIZE ANALYSIS PLOT



Specimen No. 0-004 Procedure No. ETAL-7 Rev. 1 Date Issued 11-15-89

Sample Description:	Plotted by:	Checked by:
SANDY GRAVEL MW-11-1	R.G ALEXANDER	HC Benny
	Date: 1-17-90	Date: 1-18-90

SOIL MOISTURE DATA SHEET

PROCEDURE NO. ETAL-14 REV. NO. Ø

THERMOMETER NO. 0006 CALIBRATION DUE DATE 2-6-90

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
0-004	5300.89	5225.32	584.72	4716.17	4640.60	1.63

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: RG ALEXANDER DATE 1-17-90

9 2 1 2 1 1 0 7 2 5

Westinhouse Hanford Company	CHAIN OF CUSTODY

Company Contact Jon Lindberg Telephone 6-5005

Sample Collected by DC Weekes / S. Anderson Date 12/14/89, 12/19/89 Time NA

Sample Locations MW-11 at Horn Rapids Landfill, 1100-EM-1 operable Unit

Ice Chest No. NA Field Logbook and Page No. NA

Remarks NA

Bill of Lading No. NA Offsite Property No. NA

Method of Shipment Hand Carry

Shipped to Jerry Alexander 2101-M Bldg 200E

Sample Identification

MW-11-1 Plastic bags (soil)
MW-11-2 Plastic bags (soil)
MW-11-3 Plastic bags (soil)
MW-11-4 Plastic bags (soil)

Chain of Possession

Relinquised by:	Received by:	Date/Time:
DC Weekes DC Weekes	12-20-89 JW Lindberg JW Lindberg	12/20/89 14:12
DC Weekes DC Weekes	R.G Alexander	1-3-90 12:40

A-6000-407 (07/89)

SAMPLING ANALYSIS REQUEST

Part I: Field Section

Collector DC Weekes/S Anderson Date Sampled 12/14-19/89 Time NA hours

Affiliation of Sampler NA

Address NA
number street city state zip

Telephone (509) 376-5005 Company Contact JW Lindberg

LABORATORY SAMPLE NUMBER	COLLECTOR'S SAMPLE NO.	TYPE OF SAMPLE*	FIELD INFORMATION**
MW-11-1		Soil	
MW-11-2		Soil	
MW-11-3		Soil	
MW-11-4		Soil	

Analysis Requested On MW-11-1 Particle Size Analysis and Moisture Content
On MW-11-2, MW-11-3, MW-11-4 Particle Size Analysis

Special Handling and/or Storage NA

PART II: LABORATORY SECTION**

Received by _____ Title _____ Date _____

Analysis Required _____

* Indicate whether sample is soil, sludge, etc.
**Use back of page for additional information relative to sample location.

Figure 9-19. Example of hazardous waste sample analysis sheet.

Revision 0
Date September 1986

9 2 1 2 1 1 0 2 7

RADIATION RELEASE

Bldg. MW-11 Date 12-18-89

Released By [illegible]
Operational Health Physics

Remarks MW-11-1

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M. Cassland
Operational Health Physics

Remarks 44'
1 Sample MW-11-2

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M. Cassland
Operational Health Physics

Remarks 50'
1 Sample MW-11-3

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M. Cassland
Operational Health Physics

Remarks 53.5'
1 Sample MW-11-4

54-3000-022 (09/88)

9 2 1 2 1 1 0 2 3

TEST REQUEST FORM

Sample/Specimen No. 0-005 Cost Code/Work Order No. ED 332

Requested By: Org. 80232 Person J. LINDBERG Date 1-17-90

Test Requested	No. of Samples	Test Lab Information (Instruction Used)
SIEVE ANALYSIS	1	ETAL-07
HYDROMETER	1	ETAL-07 (IF REQ)
MOISTURE	1	ETAL-14
N/A	N/A	N/A

Remarks FIELD SAMPLE MW-11-2

Received By: R.G ALEXANDER Date 1-3-90

Approved By: R.G. ALEXANDER Date 1-17-90

SIEVE ANALYSIS DATA SHEET

Sample ID 0-005 Page 1 of 1

Tested By R.G. ALEXANDER Date 1-17-90

Procedure ETAL-07 Rev 1 Date Issued 11-15-89

EQUIPMENT ITEM	CALIBRATION NO.	DATE DUE
Balance	3304	3-26-90
Thermometer	0006	2-6-90
N/A	N/A	N/A

Sample Description SANDY GRAVEL Sieve Time 10 (min)

reduced by ☒ splitting ☒ quartering ☐ stockpile

BEFORE TEST WT. (B) N/A AFTER TEST WT. (A) N/A $\frac{B-A}{B}$ X 100 = N/A % LOSS

Sieve ID Number	Sieve Size	Sample Weight	Cumulative Wt. Retained (g)	% Retained	Cumulative % Retained	Cumulative % Pass	% Pass
N/A	2 1/2	4681.74	1327.98	28.4	28.4	71.6	71.6
	2		1327.98	28.4	28.4	71.6	71.6
	1 1/2		1485.54	31.7	31.7	68.3	68.3
	1		1711.85	36.6	36.6	63.4	63.4
	3/4		2125.44	45.4	45.4	54.6	54.6
	1/2		2424.88	51.8	51.8	48.2	48.2
	3/8		2691.04	57.5	57.5	42.5	42.5
	#4		3227.90	68.9	68.9	31.1	31.1
	#10	4681.74	3688.60	78.8	78.8	21.2	21.2
	#40	127.79	37.58	29.4	29.4	70.6	15.0
	#60		60.22	47.1	47.1	52.9	11.2
	#100		79.95	62.6	62.6	37.4	7.9
	#200		94.43	78.9	73.9 ~~78.4~~ JJR 1/18/90	26.1 ~~21.1~~ JJR 1/18/90	5.5 ~~4.5~~ JJR 1-18-90

Finess Modules (FM) N/A (See ASTM C 136-83, Section 8.2)

MATERIALS FINER THAN NO. 200 SIEVE BY WASHING

C=Percentage of Material Passing a 200 Sieve 21.1 %

D=Original Dry Weight of Sample 127.79 g

E=Dry Weight of Sample After Washing/Sieve 94.43 g

C = <(D-E)/D> X 100

Remarks
WASH GRADING
SMALL FIELD
SAMPLE

ALL DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS TRAINED AND USED CALIBRATED INSTRUMENTS

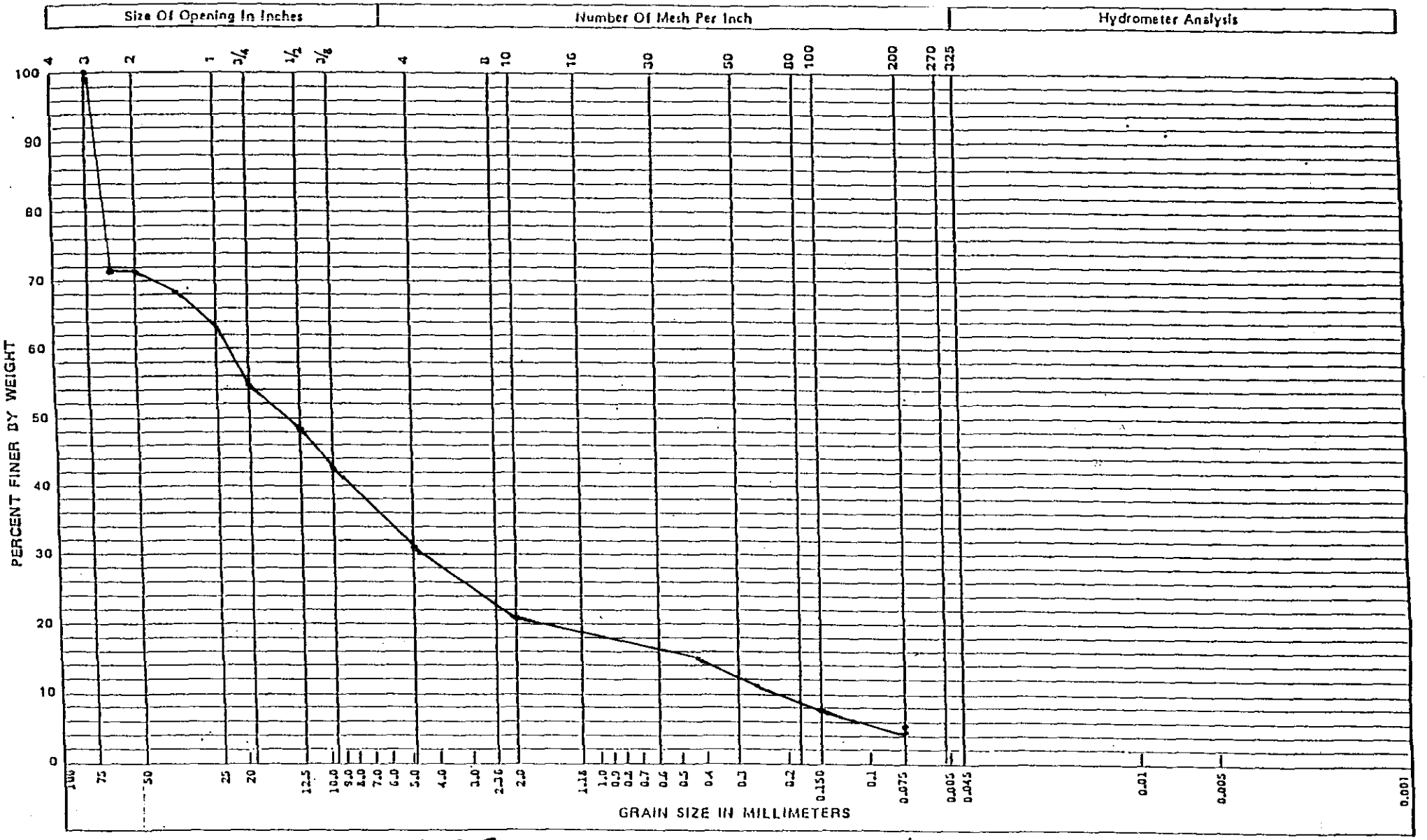
Checked By J J Rilyca Date 1-18-90

A-6400-204(2-87)

9212130

9 2 1 2 1 1 0 3 1

GRAIN SIZE ANALYSIS PLOT



Specimen No. 0-005 Procedure No. ETAL-67 Rev. 1 Date Issued 11-15-89

Sample Description: SANDY GRAVEL MW-11-2

Plotted by: R.G ALEXANDER Date: 1-17-90

Checked by: J Relyea Date: 1-18-90

SOIL MOISTURE DATA SHEET

PROCEDURE NO. ETAL-14 REV. NO. Ø

THERMOMETER NO. 0006 CALIBRATION DUE DATE 2-6-90

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
0-005	5477.38	5270.22	588.48	4888.90	4681.74	4.43

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: R.G. ALEXANDER DATE 1-17-90

9 2 1 2 1 1 0 3 2

Westinhouse Hanford Company	CHAIN OF CUSTODY

Company Contact Jon Lindberg Telephone 6-5005

Sample Collected by DC Weekes, S. Anderson Date 12/14/89, 12/19/89 Time NA

Sample Locations MW-11 at Horn Rapids Landfill, 1100-EM-1 operable Unit

Ice Chest No. NA Field Logbook and Page No. NA

Remarks NA

Bill of Lading No. NA Offsite Property No. NA

Method of Shipment Hand Carry

Shipped to Jerry Alexander 2101-M Bldg 200E

Sample Identification

MW-11-1 Plastic bags (soil)
MW-11-2 Plastic bags (soil)
MW-11-3 Plastic bags (soil)
MW-11-4 Plastic bags (soil)

Chain of Possession

Relinquished by:	Received by:	Date/Time:
DC Weekes DC Weekes	12-20-89 JW Lindberg JW Lindberg	12/20/89 14:12
Relinquished by: DC Weekes DC Weekes	Received by: R.G Alexander	Date/Time: 1-3-90 12:40
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

A-6000-407 (07/89)

SAMPLING ANALYSIS REQUEST

Part I: Field Section

Collector DC Weekes/S Anderson Date Sampled 12/14-19/89 Time NA hours

Affiliation of Sampler NA

Address NA
number street city state zip

Telephone (509) 376-5005 Company Contact JW Lindberg

LABORATORY SAMPLE NUMBER	COLLECTOR'S SAMPLE NO.	TYPE OF SAMPLE*	FIELD INFORMATION**
MW-11-1		Soil	
MW-11-2		Soil	
MW-11-3		Soil	
MW-11-4		Soil	

Analysis Requested On MW-11-1 Particle Size Analysis and Moisture Content
On MW-11-2, MW-11-3, MW-11-4 Particle Size Analysis

Special Handling and/or Storage NA

PART II: LABORATORY SECTION**

Received by _____ Title _____ Date _____

Analysis Required _____

* Indicate whether sample is soil, sludge, etc.
**Use back of page for additional information relative to sample location.

Figure 9-19. Example of hazardous waste sample analysis sheet.

Revision 0
Date September 1986

RADIATION RELEASE

Bldg. MW-11 Date 12-18-89

Released By [illegible]
Operational Health Physics

Remarks MW-11-1

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M. Cassland
Operational Health Physics

Remarks 44'
1 Sample MW-11-2

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M. Cassland
Operational Health Physics

Remarks 50'
1 Sample MW-11-3

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M. Cassland
Operational Health Physics

Remarks 53.5'
1 Sample MW-11-4

54-3000-022 (09/88)

9 2 1 2 1 0 3 5

TEST REQUEST FORM

Sample/Specimen No. 0-006 Cost Code/Work Order No. ED 332

Requested By: Org. 80232 Person J. LINDBERG Date 1-17-90

Test Requested	No. of Samples	Test Lab Information (Instruction Used)
SIEVE ANALYSIS	1	ETAL-07
HYDROMETER	1	ETAL-07 (IF REQ)
MOISTURE	1	ETAL-14
N/A	N/A	N/A

Remarks FIELD SAMPLE MW-11-3

Received By: RG ALEXANDER Date 1-3-90

Approved By: R.G ALEXANDER Date 1-17-90

9 2 1 2 1 0 3 5

SIEVE ANALYSIS DATA SHEET

Sample ID 0-006 Page 1 of 1

Tested By RG ALEXANDER Date 1-17-90

Procedure ETAL-07 Rev 1 Date Issued 11-15-90

EQUIPMENT ITEM	CALIBRATION NO.	DATE DUE
Balance	3384	3-25-90
Thermometer	0006	2-6-90
N/A	N/A	N/A

Sample Description SANDY GRAVEL Sieve Time _____ (min)

reduced by ☒ splitting ☒ quartering ☐ stockpile

(B) (A)

BEFORE TEST WT. N/A AFTER TEST WT. N/A $\frac{B-A}{B}$ X 100 = N/A % LOSS

Sieve ID Number	Sieve Size	Sample Weight	Cumulative Wt. Retained (g)	% Retained	Cumulative % Retained	Cumulative % Pass	% Pass
N/A	2	4424.48	303.26	6.9	6.9	93.1	93.1
	1 1/2		760.84	17.2	17.2	82.8	82.8
	1		1174.79	26.6	26.6	73.4	73.4
	3/4		1442.73	32.6	32.6	67.4	67.4
	1/2		1777.34	40.2	40.2	59.8	59.8
	3/8		2010.02	45.4	45.4	54.6	54.6
	#4		2420.09	54.7	54.7	45.3	45.3
	#10	4424.48	2788.13	63.0	63.0	37.0	37.0
	#40	121.33	24.10	19.9	19.9	80.1	29.6
	#60		56.24	46.4	46.4	53.6	19.8
	#100		80.13	66.0	66.0	34.0	12.6
	#200		93.83	77.3	77.3	22.7	8.4

Finess Modules (FM) N/A (See ASTM C 136-83, Section 8.2)

MATERIALS FINER THAN NO. 200 SIEVE BY WASHING

C=Percentage of Material Passing a 200 Sieve 22.7 %

D=Original Dry Weight of Sample 121.33 g

E=Dry Weight of Sample After Washing/Sieve 93.83 g

C = <(D-E)/D> X 100

Remarks
WASH FINE GRADING
SMALL FIELD
SAMPLE

ALL DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS TRAINED AND USED CALIBRATED INSTRUMENTS

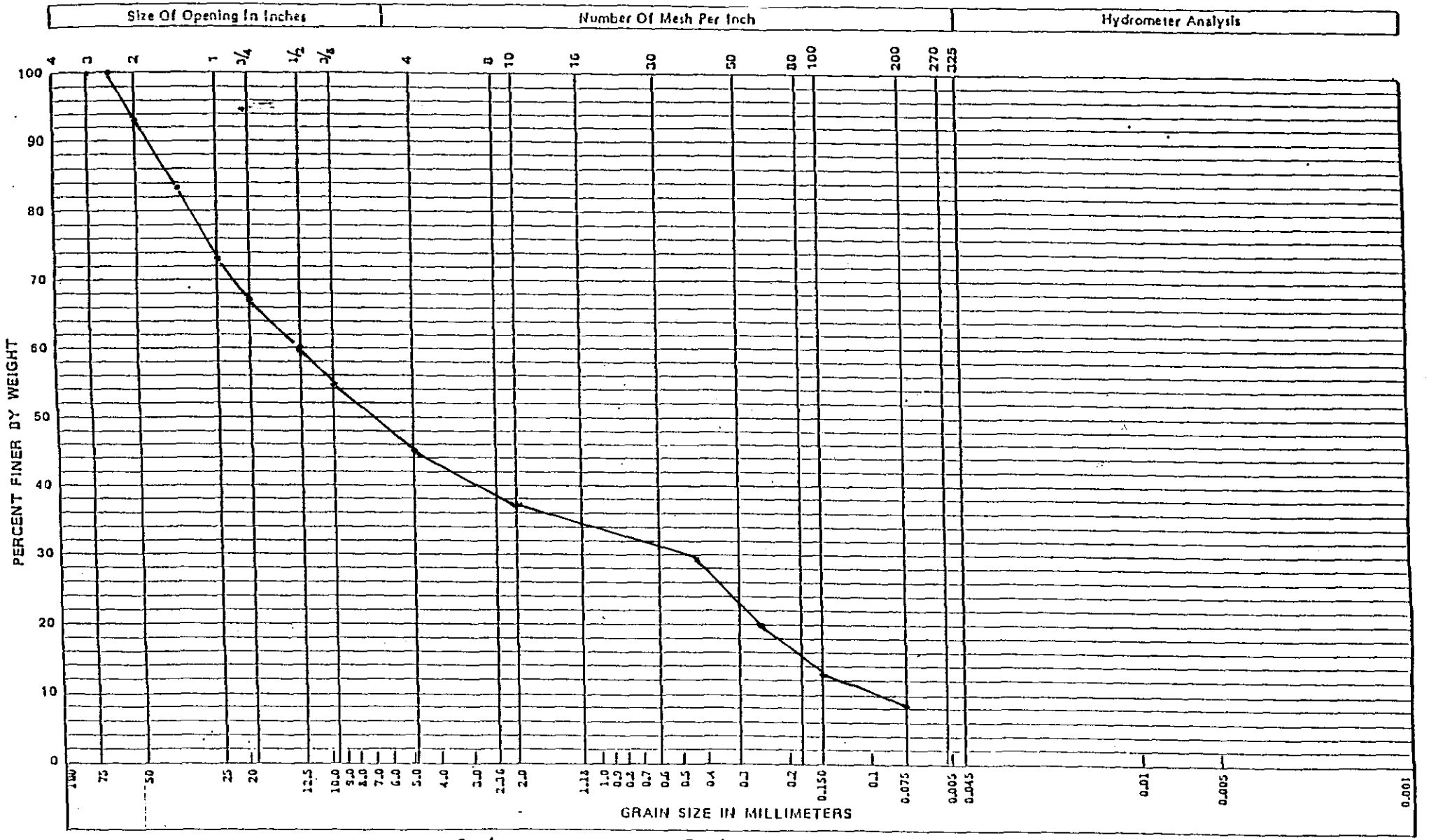
Checked By J F Rohyan Date 1-18-90

A-6400-204(2-87)

9 2 1 2 1 1 0 3 7

9 2 1 2 1 1 0 3 8

GRAIN SIZE ANALYSIS PLOT



Specimen No. 0-006 Procedure No. ETAL-07 Rev. 1 Date Issued 11-15-89

Sample Description:	Plotted by:	Checked by:
SANDY GRAVEL MW-11-3	R G ALEXANDER	J Relyea
	Date: 1-17-90	Date: 1-18-90

SOIL MOISTURE DATA SHEET

PROCEDURE NO. ETAL-14 REV. NO. 0

THERMOMETER NO. 0006 CALIBRATION DUE DATE 2-6-90

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
0-006	5528.03	5254.06	829.58	4698.45	4424.48	6.19

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: R.G ALEXANDER DATE 1-17-90

9212113-39

Westinhouse Hanford Company	CHAIN OF CUSTODY

Company Contact Jon Lindberg Telephone 6-5005

Sample Collected by DC Weekes, S. Anderson Date 12/14/89, 12/19/89 Time NA

Sample Locations MW-11 at Horn Rapids Landfill, 1100-EM-1 operable Unit

Ice Chest No. NA Field Logbook and Page No. NA

Remarks NA

Bill of Lading No. NA Offsite Property No. NA

Method of Shipment Hand Carry

Shipped to Jerry Alexander 2101-M Bldg 200 E

Sample Identification

MW-11-1 Plastic bags (soil)
MW-11-2 Plastic bags (soil)
MW-11-3 Plastic bags (soil)
MW-11-4 Plastic bags (soil)

Chain of Possession

Relinquished by:	Received by:	Date/Time:
DC Weekes DC Weekes	12-20-89 JW Lindberg JW Lindberg	12/20/89 14:12
DC Weekes DC Weekes	R.G ALEXANDER	1-3-90 12:40

A-6000-407 (07/89)

SAMPLING ANALYSIS REQUEST

Part I: Field Section

Collector DC Weekes/S Anderson Date Sampled 12/14-19/89 Time NA hours

Affiliation of Sampler NA

Address NA
number street city state zip

Telephone (509) 376-5005 Company Contact JW Lindberg

LABORATORY SAMPLE NUMBER	COLLECTOR'S SAMPLE NO.	TYPE OF SAMPLE*	FIELD INFORMATION**
MW-11-1		Soil	
MW-11-2		Soil	
MW-11-3		Soil	
MW-11-4		Soil	

Analysis Requested On MW-11-1 Particle Size Analysis and Moisture Content
On MW-11-2, MW-11-3, MW-11-4 Particle Size Analysis

Special Handling and/or Storage NA

PART II: LABORATORY SECTION**

Received by _____ Title _____ Date _____

Analysis Required _____

* Indicate whether sample is soil, sludge, etc.
**Use back of page for additional information relative to sample location.

Figure 9-19. Example of hazardous waste sample analysis sheet.

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RADIATION RELEASE

~~Bldg.~~ MW-11 Date 12-18-89

Released By [illegible]
Operational Health Physics

Remarks MW-11-1

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M Cagland
Operational Health Physics

Remarks 44'
1 Sample MW-11-2

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M Cagland
Operational Health Physics

Remarks 50'
1 Sample MW-11-3

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M Cagland
Operational Health Physics

Remarks 53.5'
1 Sample MW-11-4

54-3000-022 (09/88)

9 2 1 2 1 1 0 7 4 2

TEST REQUEST FORM

Sample/Specimen No. 007 Cost Code/Work Order No. ED 332

Requested By: Org. 80232 Person J. LINDBERG Date 1-17-90

Test Requested	No. of Samples	Test Lab Information (Instruction Used)
SIEVE ANALYSIS	1	ETAL-07
HYDROMETER	1	ETAL-07 (IF REQ)
MOISTURE	1	ETAL-14
N/A	N/A	N/A

Remarks FIELD SAMPLE MW-11-4

Received By: RG ALEXANDER Date 1-3-90

Approved By: R.G ALEXANDER Date 1-17-90

9 2 1 2 1 1 7 4 3

SIEVE ANALYSIS DATA SHEET

Sample ID 0-007 Page 1 of 1

Tested By R.G ALEXANDER Date 1-17-90

Procedure ETAL-07 Rev 1 Date Issued 11-15-89

EQUIPMENT ITEM	CALIBRATION NO.	DATE DUE
Balance	3304	3-25-90
Thermometer	0006	2-6-90
N/A	N/A	N/A

Sample Description SANDY GRAVEL Sieve Time 10 (min)

reduced by ☒ splitting ☒ quartering ☐ stockpile

BEFORE TEST WT. (B) N/A AFTER TEST WT. (A) N/A $\frac{B-A}{B}$ X 100 = N/A % LOSS

Sieve ID Number	Sieve Size	Sample Weight	Cumulative Wt. Retained (g)	% Retained	Cumulative % Retained	Cumulative % Pass	% Pass
N/A	2"	4102.25	Ø	Ø	Ø	100	100
	1½		Ø	Ø	Ø	100	100
	1		487.78	11.9	11.9	88.1	88.1
	3/4		869.98	21.2	21.2	78.8	78.8
	1/2		1528.56	37.3	37.3	62.7	62.7
	3/8		1890.25	46.1	46.1	53.9	53.9
	#4		2196.63	53.5	53.5	46.5	46.5
	#10	4102.25	2349.66	57.3	57.3	42.7	42.7
	#40	120.05	12.94	10.8	10.8	89.2	38.1
	#60		57.34	47.8	47.8	52.2	22.3
	#100		88.50	73.7	73.7	26.3	11.2
	#200		102.50	85.4	85.4	14.6	6.2

Finess Modules (FM) N/A (See ASTM C 136-83, Section 8.2)

MATERIALS FINER THAN NO. 200 SIEVE BY WASHING

C=Percentage of Material Passing a 200 Sieve 14.6 %

D=Original Dry Weight of Sample 120.05 g

E=Dry Weight of Sample After Washing/Sieve 102.50 g

C = <(D-E)/D> X 100

Remarks
WASH FINE GRADING
SMALL FIELD
SAMPLE

ALL DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS TRAINED AND USED CALIBRATED INSTRUMENTS

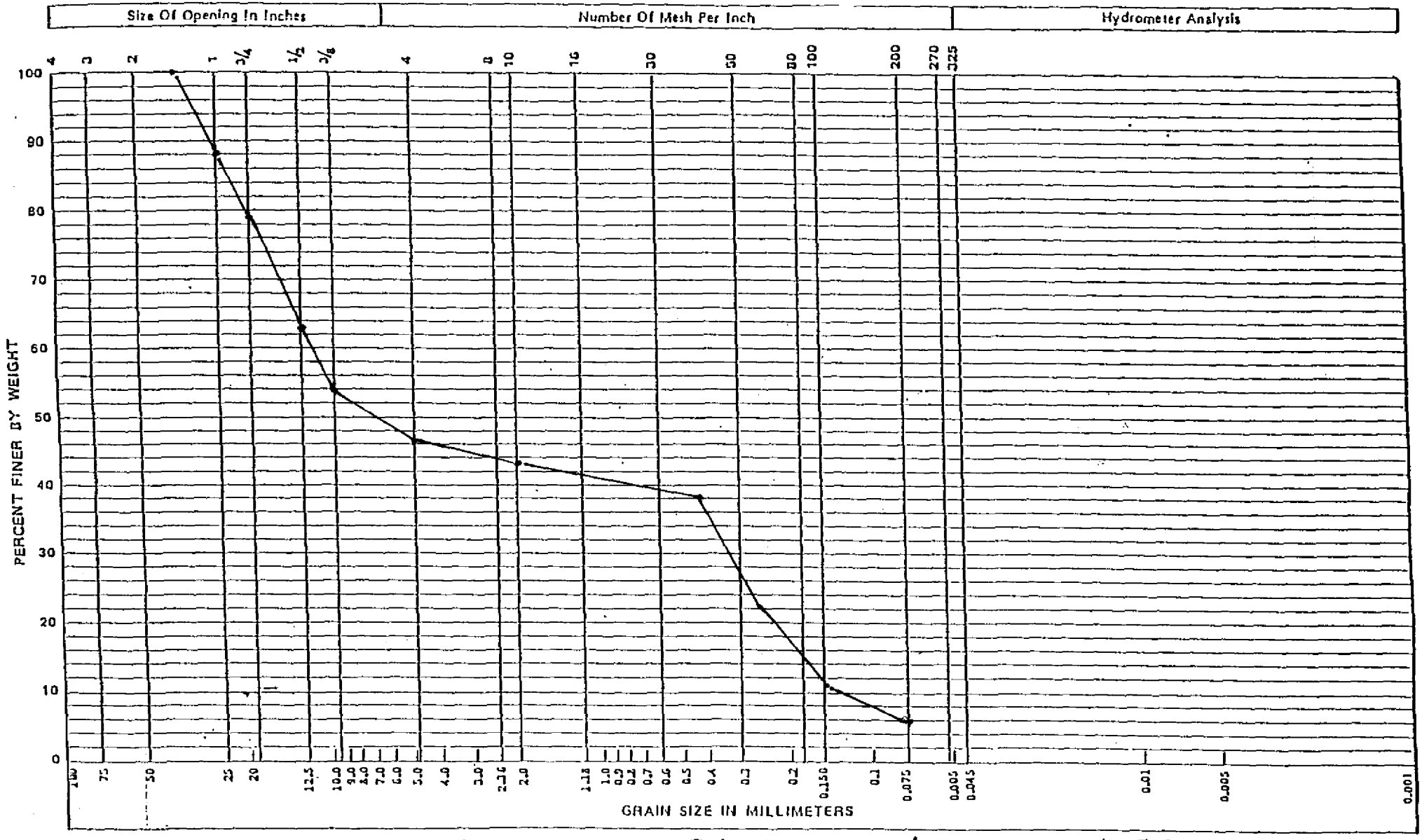
Checked By J F Relyea Date 1-18-90

A-6400-204(2-87)

9 2 1 2 1 1 3 4 4

9 2 1 2 1 0 4 5

GRAIN SIZE ANALYSIS PLOT



Specimen No. 0-007 Procedure No. ETK-07 Rev. 1 Date Issued 11-15-89

Sample Description: SANDY GRAVEL MW-11-4

Plotted by: R.G. ALEXANDER Date: 1-17-90

Checked by: J F Relyea Date: 1-18-90

SOIL MOISTURE DATA SHEET

PROCEDURE NO. ETAL-14 REV. NO. Ø

THERMOMETER NO. 0006 CALIBRATION DUE DATE 2-6-90

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
0-007	5233.29	4938.01	835.76	4397.53	4102.25	7.20

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: RG ALEXANDER DATE 1-17-90

9 2 1 2 1 1 0 1 4 6

Westinhouse Hanford Company	CHAIN OF CUSTODY

Company Contact Jon Lindberg Telephone 6-5005

Sample Collected by DC Weekes, S. Anderson Date 12/14/89, 12/19/89 Time NA

Sample Locations MW-11 at Horn Rapids Landfill, 1100-EM-1 operable Unit

Ice Chest No. NA Field Logbook and Page No. NA

Remarks NA

Bill of Lading No. NA Offsite Property No. NA

Method of Shipment Hand Carry

Shipped to Jerry Alexander 2101-M Bldg 200E

Sample Identification

MW-11-1 Plastic bags (soil)
MW-11-2 Plastic bags (soil)
MW-11-3 Plastic bags (soil)
MW-11-4 Plastic bags (soil)

Chain of Possession

Relinquished by:	Received by:	Date/Time:
DC Weekes DC Weekes	12-20-89 JW Lindberg JW Lindberg	12/20/89 14:12
Relinquished by: DC Weekes DC Weekes	Received by: R.G ALEXANDER	Date/Time: 1-3-90 12:40
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

A-6000-407 (07/89)

SAMPLING ANALYSIS REQUEST

Part I: Field Section

Collector DC Weekes/S Anderson Date Sampled 12/14-19/89 Time NA hours

Affiliation of Sampler NA

Address NA
number street city state zip

Telephone (509) 376-5005 Company Contact JW Lindberg

LABORATORY SAMPLE NUMBER	COLLECTOR'S SAMPLE NO.	TYPE OF SAMPLE*	FIELD INFORMATION**
MW-11-1		Soil	
MW-11-2		Soil	
MW-11-3		Soil	
MW-11-4		Soil	

Analysis Requested On MW-11-1 Particle Size Analysis and Moisture Content
On MW-11-2, MW-11-3, MW-11-4 Particle Size Analysis

Special Handling and/or Storage NA

PART II: LABORATORY SECTION**

Received by _____ Title _____ Date _____

Analysis Required _____

* Indicate whether sample is soil, sludge, etc.
**Use back of page for additional information relative to sample location.

Figure 9-19. Example of hazardous waste sample analysis sheet.

Revision 0
Date September 1986

9 2 1 1 0 4 8

RADIATION RELEASE

Bldg. MW-11 Date 12-18-89

Released By [illegible]
Operational Health Physics

Remarks MW-11-1

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M. Cassland
Operational Health Physics

Remarks 44'
1 Sample MW-11-2

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M. Cassland
Operational Health Physics

Remarks 50'
1 Sample MW-11-3

54-3000-022 (09/88)

RADIATION RELEASE

Bldg. MW-11 Date 12-19-89

Released By M. Cassland
Operational Health Physics

Remarks 53.5'
1 Sample MW-11-4

54-3000-022 (09/88)

9 2 1 2 1 1 3 4 9