

**Maine Department of Health & Human Services
Division of Environmental Health
Subsurface Wastewater Program**

2009 Site Evaluator Field Exam Review



The Subsurface Wastewater Program's annual Site Evaluator Field Exam was held August 26, 2009 at the Dwight B. Demeritt Forest at the University of Maine Orono.

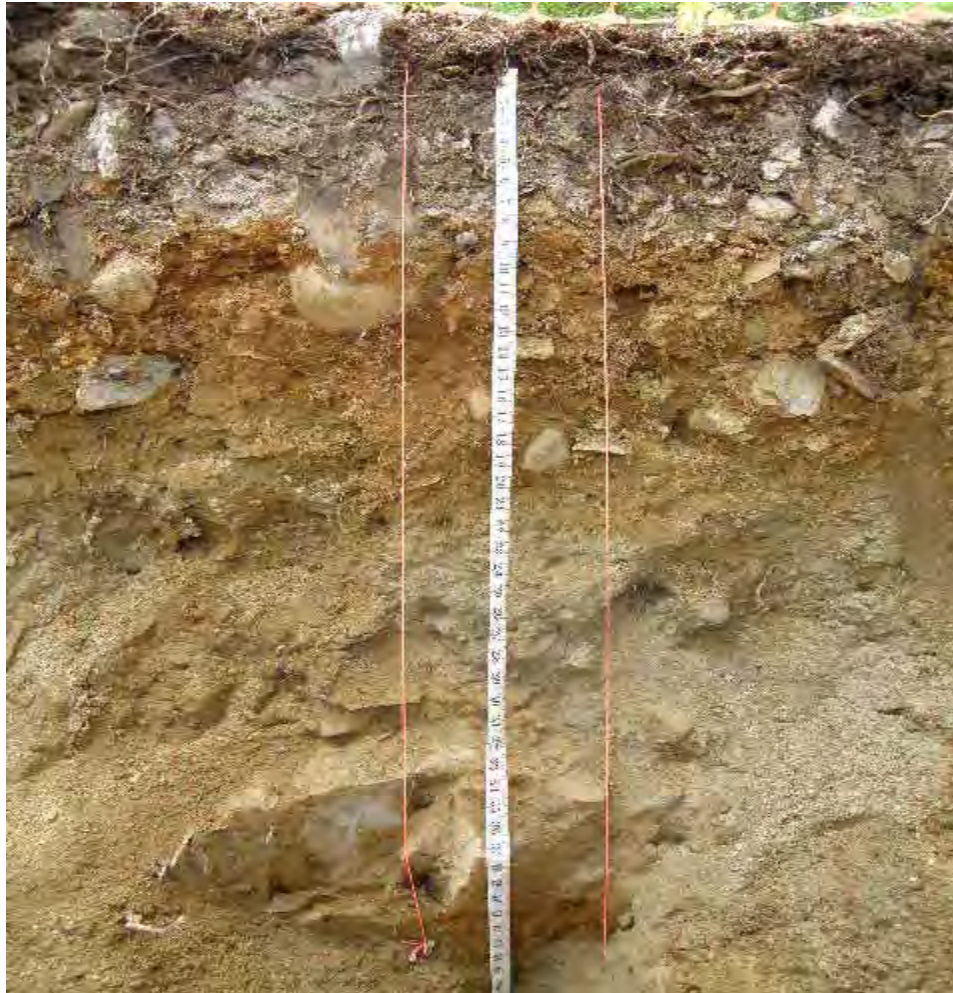
The following presentation comprises a discussion of the soils present in each of the ten test pits used in the field exam.

2009 Test Pit #1



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	3	AIII/C	32"	24"	20"	Non-Stratified Glacial Till
2005		AIII/C				

2009 Test Pit #2



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	3	C/AIII	33"	20"	20"	Stratified Glacial Drift
2005		C/AIII				

2009 Test Pit #3



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	9	E	>48"	10"	7-8"	Marine Deposit
2005		D				

2009 Test Pit #4



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	3	DII	>48"	21-24"	14"	Non-Stratified glacial till
2005		D				

2009 Test Pit #5



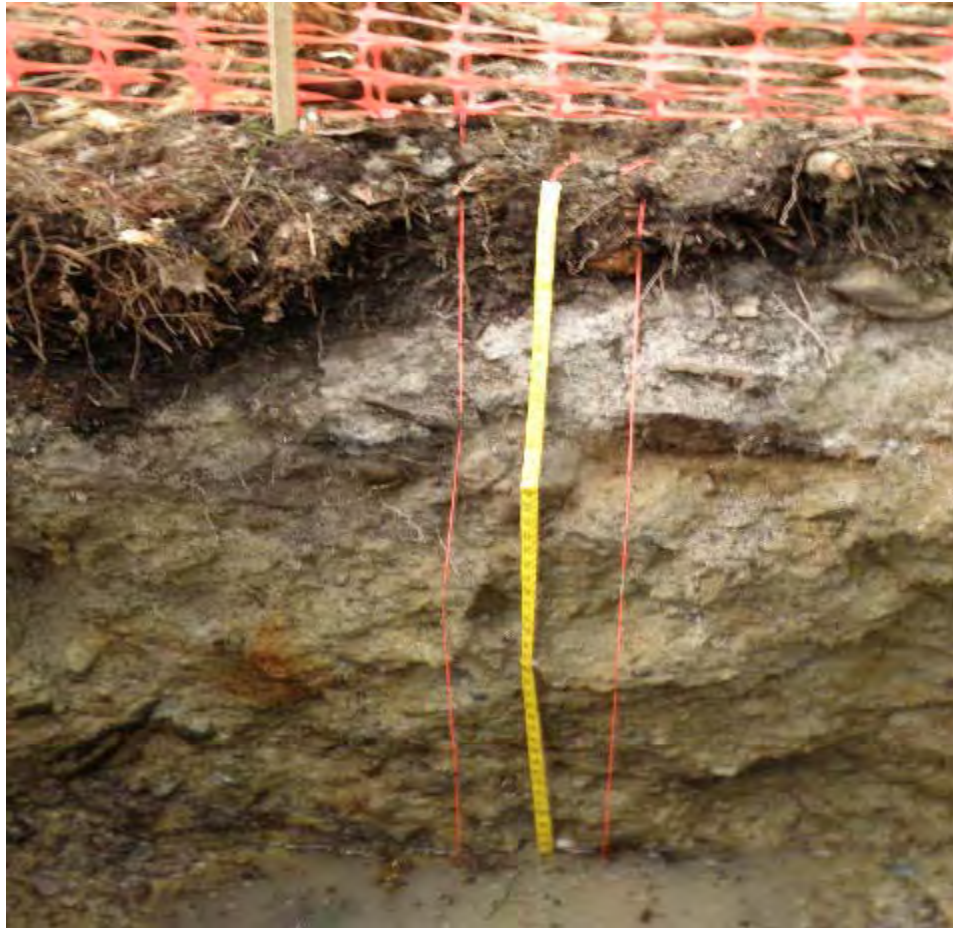
RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	3	C	>48"	21"	18-20"	Non-Stratified glacial till
2005		C				

2009 Test Pit #6A



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	3	E	>48"	21"	4-5"	Non-Stratified glacial till
2005		E				

2009 Test Pit #6B



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	3	E	>48"	21"	0-3"	Non-Stratified glacial till
2005		E				

2009 Test Pit #7



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	7	C	>48"	33"	>48"	Mixed origin
2005		C				

2009 Test Pit #8



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	7	C	>48"	30"	25-27"	Mixed origin
2005		C				

2009 Test Pit #9



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	9	DI	>48"	13-15"	10-13"	Marine Deposit
2005		D				

2009 Test Pit #10



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	8	C	>48"	34"	33"	Lacustrine Deposit
2005		C				

2009 Test Pit #10



RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	8	C	>48"	34"	33"	Lacustrine Deposit
2005		C				

2009 Test Pit #11

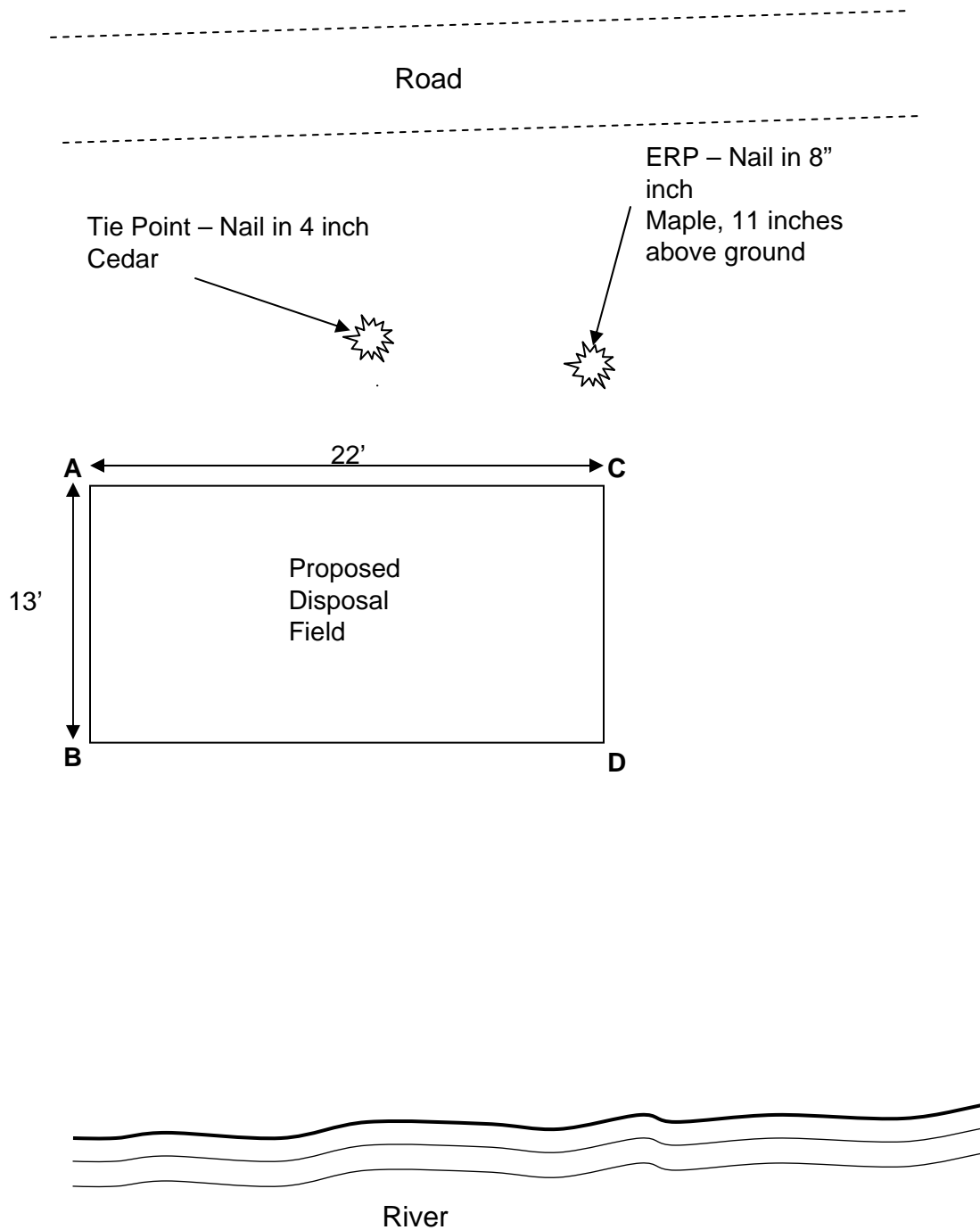


RULES	Soil Profile	Soil Condition	Depth to Bedrock	Depth to Restrictive Layer	Depth to SHWT	Parent Material
2009	8	C	>48"	25"	20"	Lacustrine Deposit
2005		C				

2009

Ties & Elevation Station





Field Exam – August 26, 2009

Name: _____

Date: _____

Tie, Bearing, Elevation and Slope Questions - 10 Points

Ties to Bed Corners:

Tie Point to A = 18'-0"

Tie Point to C = 15'-8"

ERP to C = 16'-8"

Compass Bearing:

C to A = N 5° E

Elevation Reference Point (ERP):

Reference Elevation: 0" inches

Existing Ground Elevations:

Elevation at Corner: A= -34"

Elevation at Corner: B= -63"

Elevation at Corner: C= -30"

Elevation at Corner: D= -59"

Slope at A to B = -19%

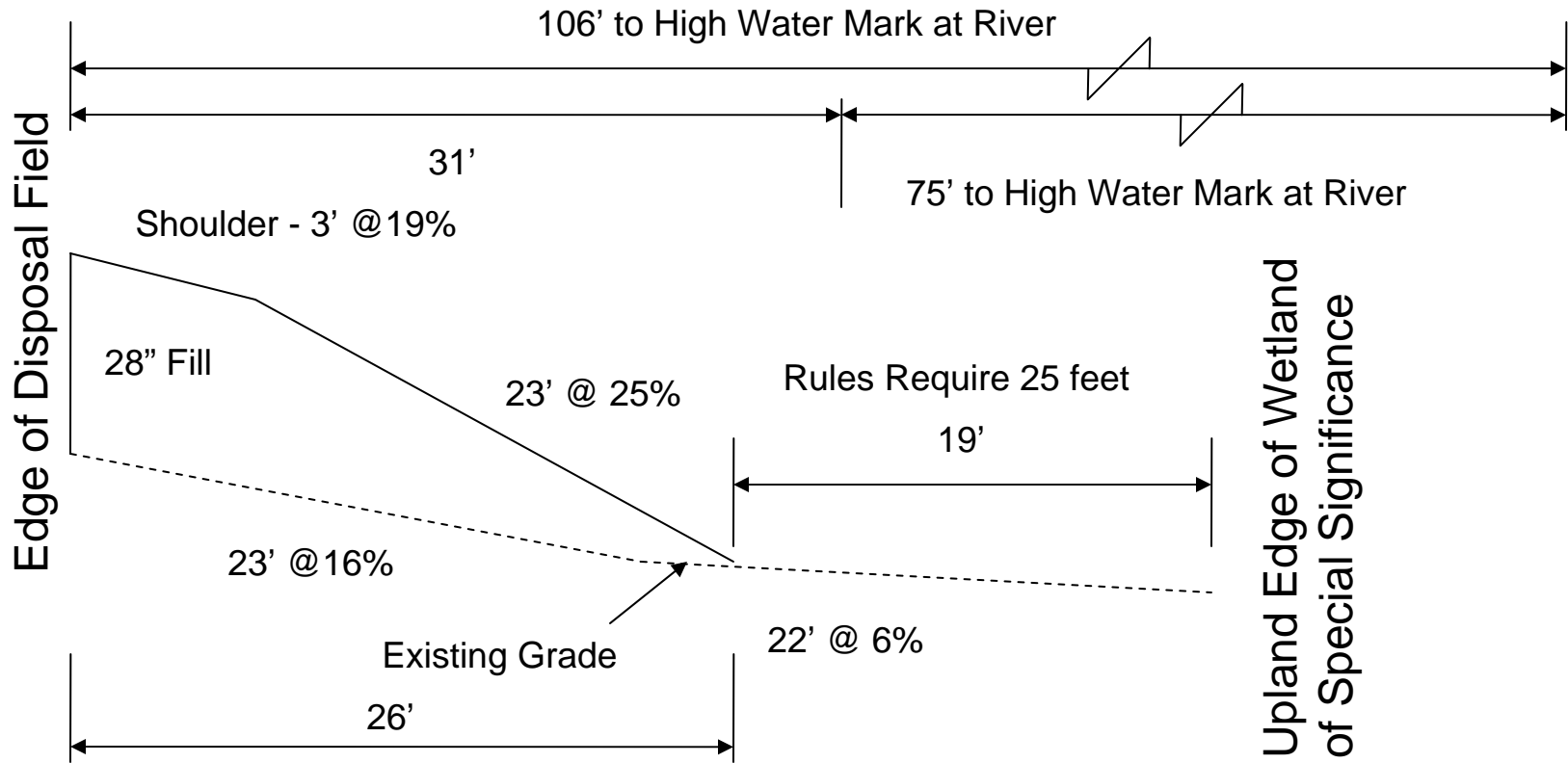
Slope at A to C = +2%

Plan Not to Scale

2009

Ties & Elevation Station





Setbacks at A – B Line

Not to Scale

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2008 Site Evaluator Field Exam Review



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