

TECHNICAL REPORT

Report To: Julia Finley
Highway Fuel Co.
6242 Portland Road NE
Salem, Oregon 97305

Date: 2/16/2024

Lab No.: 24-006B

Project: Highway Fuel Co.

Project No.: 00-231330-0

Report of: Particle Size Analysis with No. 200 Wash, pH of soil, and Organic Content testing.

Sample Identification

As requested, NTI provided particle size analysis with No. 200 wash, organic content and pH testing of bulk soil samples. A NTI representative received the sample from a Highway Fuel Co. representative on January 5, 2024. Testing was performed in general accordance with the standards indicated. Our laboratory test results are summarized on the following tables and pages.

Laboratory Testing

Sieve Analysis & Material Finer than the No. 200 Sieve by Washing (ASTM C136/C117, AASHTO T11/T27)		
Sample ID: WQM #2 Percent Passing		
Sieve Size	Results	Required Specification (per Client)
1"	100	100
3/4"	100	-
1/2"	100	-
3/8"	100	-
1/4"	97	-
#4	84	75-100
#8	66	-
#10	64	40-100
#16	58	-
#30	47	-
#40	36	15-50
#50	18	-
#100	5	5-25
#200	2.7	5-15

Note: Bold Italics denote out of specification results.

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REVIEWED BY: Michael A. Ginsbach

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pH of Soil (AASHTO T289)		
Sample ID	pH	Required Specification (per Client)
WQM #2	7.3	5.0 – 8.0

Moisture Content and Organic Content of Soil (ASTM D2974)				
Sample ID	Moisture Content Oven-dried Mass (Percent)	Ash Content (Percent)	Organic Content (Percent)	Organic Content Specification (per Client)
WQM #2	17.6	93.0	<i>7.0</i>	<i>Min. 10%</i>

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