Materials Testing & Consulting, Inc.

Geotechnical Engineering • Special Inspection • Materials Testing • Environmental Consulting

Project:	King County ENR/ENR+AC Pilot Study	**Date Received:**	January 16, 2017
Project #:	17T006	**Sampled By:**	Client
Client :	AMEC Foster Wheeler	**Date Reported:**	February 17, 2017
Source:	Multiple	**Tested By:**	KO, CM, BG
MTC Sample#:	Multiple		

CASE NARRATIVE

1. Thirty-six samples were submitted for sieving according to methods requested by the client.
2. The samples were air-dried in ventilation hoods, at room temperature. The samples were then weighed and sieved using a No. 4 and and 3/8" sieve. The mass retained on each sieve and the mass passing the No. 4 sieve were recorded. The material retained on the sieves were discarded. The material passing the No. 4 sieve was placed back in the original sample container, to be returned to the client.
3. All equipment used in this procedure was made of stainless steel and decontaminated prior to use.
4. There were no further noted anomalies in this project.

All results apply only to actual locations and materials tested. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Reviewed by: H Berry

Corporate ~ 777 Chrysler Drive • Burlington, WA 98233 • Phone (360) 755-1990 • Fax (360) 755-1980

Regional Offices: Olympia ~ 360.534.9777 Bellingham ~ 360.647.6111 Silverdale ~ 360.698.6787 Tukwila ~ 206.241.1974

Visit our website: www.mtc-inc.net

Materials Testing & Consulting, Inc.

Geotechnical Engineering • Special Inspection • Materials Testing • Environmental Consulting

Project: King County ENR/ENR+AC Pilot Study
Project #: 17T006
Date Received: January 16, 2017
Date Tested: February 17, 2017

Client: AMEC Foster Wheeler
Sampled by: Client
Tested by: KO, CM, BG

Sample and Fraction Masses and Percentages

MTC Sample #	Client Sample #	Total Mass	Mass on 3/8" sieve	Mass on #4 sieve	Mass Passing #4
T17-0095	LDW-Y0-IN-ENR-1-A-CORE	12,327.9	5,050.4	1,077.7	6,192.3
T17-0096	LDW-Y0-IN-ENR-1-B-CORE	13,870.5	5,643.0	1,048.5	7,172.5
T17-0097	LDW-Y0-IN-ENR-1-C-CORE	15,737.9	5,409.1	1,331.1	8,997.5
T17-0098	LDW-Y0-IN-ENR-2-A-CORE	14,220.3	4,670.3	1,262.6	8,277.8
T17-0099	LDW-Y0-IN-ENR-2-B-CORE	13,601.3	4,265.4	1,217.7	8,118.5
T17-0100	LDW-Y0-IN-ENR-2-C-CORE	14,101.0	4,825.6	1,175.6	8,096.6
T17-0101	LDW-Y0-IN-ENR-3-A-CORE	13,590.0	3,720.0	1,209.6	8,655.0
T17-0102	LDW-Y0-IN-ENR-3-B-CORE	13,810.0	5,630.0	1,269.0	6,895.0
T17-0103	LDW-Y0-IN-ENR-3-C-CORE	13,995.0	4,705.0	1,292.5	7,990.0
T17-0104	LDW-Y0-IN-ENR-4-A-CORE	15,260.0	5,765.0	1,302.8	8,105.0
T17-0105	LDW-Y0-IN-ENR-4-B-CORE	14,534.0	5,475.8	1,212.2	7,830.0
T17-0106	LDW-Y0-IN-ENR-4-C-CORE	13,299.3	4,863.6	1,172.2	7,250.4
T17-0107	LDW-Y0-IN-ENR-5-A-CORE	12,908.0	4,785.0	900.0	7,225.0
T17-0108	LDW-Y0-IN-ENR-5-B-CORE	12,679.2	2,906.1	1,266.1	8,600.0
T17-0109	LDW-Y0-IN-ENR-5-C-CORE	14,977.1	5,845.0	1,311.0	7,820.0
T17-0110	LDW-Y0-IN-ENR-6-A-CORE	13,898.2	4,105.0	1,314.7	8,470.0
T17-0111	LDW-Y0-IN-ENR-6-B-CORE	13,432.7	5,145.0	1,136.4	7,145.0
T17-0112	LDW-Y0-IN-ENR-6-C-CORE	15,905.5	7,160.9	1,369.4	7,365.0
T17-0113	LDW-Y0-IN-ENR+AC-1-A-CORE	13,865.0	4,220.0	1,031.4	8,525.0
T17-0114	LDW-Y0-IN-ENR+AC-1-B-CORE	14,205.0	5,360.0	866.4	7,990.0
T17-0115	LDW-Y0-IN-ENR+AC-1-C-CORE	15,670.0	5,030.0	1,197.0	9,432.0
T17-0116	LDW-Y0-IN-ENR+AC-2-A-CORE	10,610.0	4,690.0	820.0	5,105.0
T17-0117	LDW-Y0-IN-ENR+AC-2-B-CORE	12,875.0	4,770.0	952.0	7,135.0
T17-0118	LDW-Y0-IN-ENR+AC-2-C-CORE	10,597.0	3,465.0	715.0	6,407.0
T17-0119	LDW-Y0-IN-ENR+AC-3-A-CORE	11,845.0	4,220.0	790.0	6,840.0
T17-0120	LDW-Y0-IN-ENR+AC-3-B-CORE	15,050.0	5,850.0	1,240.0	7,955.0
T17-0121	LDW-Y0-IN-ENR+AC-3-C-CORE	13,590.0	5,165.0	952.0	7,460.0
T17-0122	LDW-Y0-IN-ENR+AC-4-A-CORE	14,725.0	4,400.0	1,125.0	9,200.0
T17-0123	LDW-Y0-IN-ENR+AC-4-B-CORE	13,370.0	4,390.0	1,090.0	7,885.0
T17-0124	LDW-Y0-IN-ENR+AC-4-C-CORE	14,730.0	6,875.0	1,045.0	6,810.0
T17-0125	LDW-Y0-IN-ENR+AC-5-A-CORE	14,330.0	6,755.0	1,125.0	6,445.0
T17-0126	LDW-Y0-IN-ENR+AC-5-B-CORE	12,455.0	4,800.0	945.0	6,710.0
T17-0127	LDW-Y0-IN-ENR+AC-5-C-CORE	12,765.0	4,600.0	1,105.0	7,055.0
T17-0128	LDW-Y0-IN-ENR+AC-6-A-CORE	14,375.0	4,190.0	1,015.0	9,165.0
T17-0129	LDW-Y0-IN-ENR+AC-6-B-CORE	11,810.0	4,155.0	895.0	6,755.0
T17-0130	LDW-Y0-IN-ENR+AC-6-C-CORE	11,930.0	3,730.0	925.0	7,270.0

All results apply only to actual locations and materials tested. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Reviewed by: H Barry

Corporate ~ 777 Chrysler Drive • Burlington, WA 98233 • Phone (360) 755-1990 • Fax (360) 755-1980
Regional Offices: Olympia ~ 360.534.9777 Bellingham ~ 360.647.6111 Silverdale ~ 360.698.6787 Tukwila ~ 206.241.1974
Visit our website: www.mtc-inc.net