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LETTER OF TRANSMITTAL

City of Portland, Portland Int. Jetport  
1001 Westbrook Street  
Portland, Maine 04102

Date:	June 24, 2010	Project No.:	557-14
Attention: Mr. Cuyler Feagles (cmf@portlandmaine.gov)			
Re: In-Place Density Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine			

We are sending you attached In-Place Density Test Results.

Date(s) Performed:

June 03, 2010

Test (s) Performed

In-Place Density Testing - Nuclear Method ASTM D6938

Meets Specification

Selected Tests Do Not Meet Specification - Noted with an \*

Note: Materials descriptions and maximum laboratory dry density values were transmitted under separate cover and are referenced in the attached summaries by the material number.

Remarks:

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Signed:



SUMMARY OF IN-PLACE DENSITIES - ASTM D6938  
 TERMINAL ENHANCEMENT AT THE PORTLAND INTERNATIONAL AIRPORT  
 PORTLAND, MAINE  
 RWG&A PROJECT NO. 557-14

Lab No.	Soil Description	ASTM D1557 Max Density	ASTM D1557 Opt. Moisture
11194	Poorly Graded Sand	111.0	11.4
11151	3" Minus Type D Material	133.0	7.3

Client: City of Portland  
 Test Date: 6/3/2010  
 Technician: MJK  
 Gauge Model/Serial Number: L 500

Report Issue Date: **JUN 28 2010**

Test No.	Location	Elevation	ASTM D6938 Dry Density (pcf)	ASTM D6938 Water Content (%)	Percent of Max. (%)	Lab. No.
1	10' NE of XC/Z6	TOF -1'	127.0	4	96	11151
2	10' NE of XC/Z5	TOF -1'	127.6	4	96	11151
3	North corner of footing at XC/Z6	TOF	129.6	4	98	11151
4	10' NE of XC/5' SE of Z5.8	TOF	131.9	3	99	11151
5	50' NW of proposed bldg over 3" force main	SG -3'	103.9	2	94	11194
6	50' NW of proposed bldg over 3" force main	SG -2'	106.1	4	96	11194
7	nt. of 3" force main and SD between CB33 & CB34	SG -2'	104.9	3	95	11194
8	50' NW of proposed bldg over 3" force main	SG -1'	106.8	3	96	11194
9	nt. of 3" force main and SD between CB33 & CB34	SG -1'	106.1	3	96	11194

Remarks: Test #5 was 3' below subgrade under a paved area and must only meet 92% compaction. All other tests must meet 95% compaction.

FG = Finish Grade  
 FF = Finish Floor  
 FGB = Finish Grade of Base  
 FGSB = Finish Grade of Subbase  
 FGSG = Finish Grade of Subgrade

TOW = Top of Foundation Wall  
 BOF = Bottom of Footing  
 SG = Subgrade  
 TOP = Top of Pipe  
 TOF = Top of Footing

Checked by: 