

R. W. Gillespie & Associates, Inc.

86 Industrial Park Road, Suite 4, Saco, ME 04072 207-286-8008
P.O. Box 289, Augusta, ME 04332 207-623-4914
200 Int'l Drive, Suite 170, Portsmouth, NH 03801 603-427-0244

LETTER OF TRANSMITTAL

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

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

We are sending you attached laboratory test results.

Laboratory No. (s)	Test (s) Performed
11280	Washed Gradation & MD

Remarks:

Copy To: Roy Williams: rsw@portlandmaine.gov
Jim Stanislaski: jim_stanislaski@gensler.com
Cliff Takara: clifford_takara@gensler.com
Lacey Fogg: Lacey.Fogg@amec.com
Mike Fusco: mfusco@tcco.com
Shaun Winner: swinner@tcco.com
Phil Coleman: pcoleman@tcco.com
Elizabeth O'Toole: eotoole@tcco.com
TMM@portlandmaine.gove
ldobson@portlandmaine.gov

Signed: Suzan A. Michaud

If enclosures are not as noted, kindly notify us at once.



Portland International Jetport Terminal Expansion

Project # 1670000

1001 Westbrook Street,
Portland, ME 04102

Telephone:

Fax:

Submittal Transmittal
[For Reviewer]

June 08, 2010

Date: 6/8/10

Transmittal No: 0300

Transmitted To:	Jim Stanislaski Gensler Architecture, Design & Planning World One Beacon Street 3rd Floor Boston, MA 02108 Tel: 617-619-5767 Fax: 617.619.5701	Transmitted By:	Daniel Lasher Turner Construction Two Seaport Lane Boston, MA 02210-2063 Tel: 617-2476400 Fax: 617-247-5456
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Submittal Package No	Description	Due Date
0015 - 31 20 00 - 0	Backfill Material - Commonfill - Sample from site 6/7/10	6/22/10

Item	Qty	Spec	Sub Section	Item #	Rev	Type	Description	Notes	Item Action				
									AP	AN	RR	RJ	
001	1	312000		00816	0	Sample	50 lbs sample - Backfill Material - Commonfill - Sample from site 6/7/10						

AP=Approved
AN=Approved as noted
RR=Revise and resubmit
RJ=Rejected

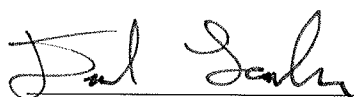
Cc:	Company Name	Contact Name	Fax Number	Copies	Notes
	Gensler Architecture, Design & Planning Worldwide	Cliff Takara	212 468 1472	1	
	Gensler Architecture, Design & Planning Worldwide	Jim Stanislaski	617.619.5701	1	
	Haley & Aldrich, Inc.	Paul Ormond	617-886-7611	1	
	Haley & Aldrich, Inc.	Wayne Chadbourne	207-775-7666	1	
	OEST Associates, Inc.	Joseph Hennessey	207 774 1246	1	
	OEST Associates, Inc.	Lacey Fogg	207 774 1246	1	
	OEST Associates, Inc.	Timothy Michaud	207-774-1246	1	
	OEST Associates, Inc.	William Whitten	207 774 1246	1	
	Portland International JetPort	Cuyler Feagles	207-774-7740	1	
	Portland International JetPort	Roy Williams, P.E.	207-774-7740	1	
	Turner Construction	Daniel Lasher	617-247-5456	1	
	Turner Construction	Emily Jorgensen	617-254-0684	1	
	Turner Construction	Julie Bezoet de Bie	617-254-0686	1	
	Turner Construction	Liz O'Toole	617-247-5686	1	
	Turner Construction	Michael Fusco	617-722-4370	1	
	Turner Construction	Phil Coleman	617-254-0686	1	
	Turner Construction	Ryan Dixon	617-722-4370	1	
	Turner Construction	Shaun Winner	617-254-0686	1	

Remarks

Signature

Signed Date

ATTATCH THIS SUBMITAL TO
OUR REPORT

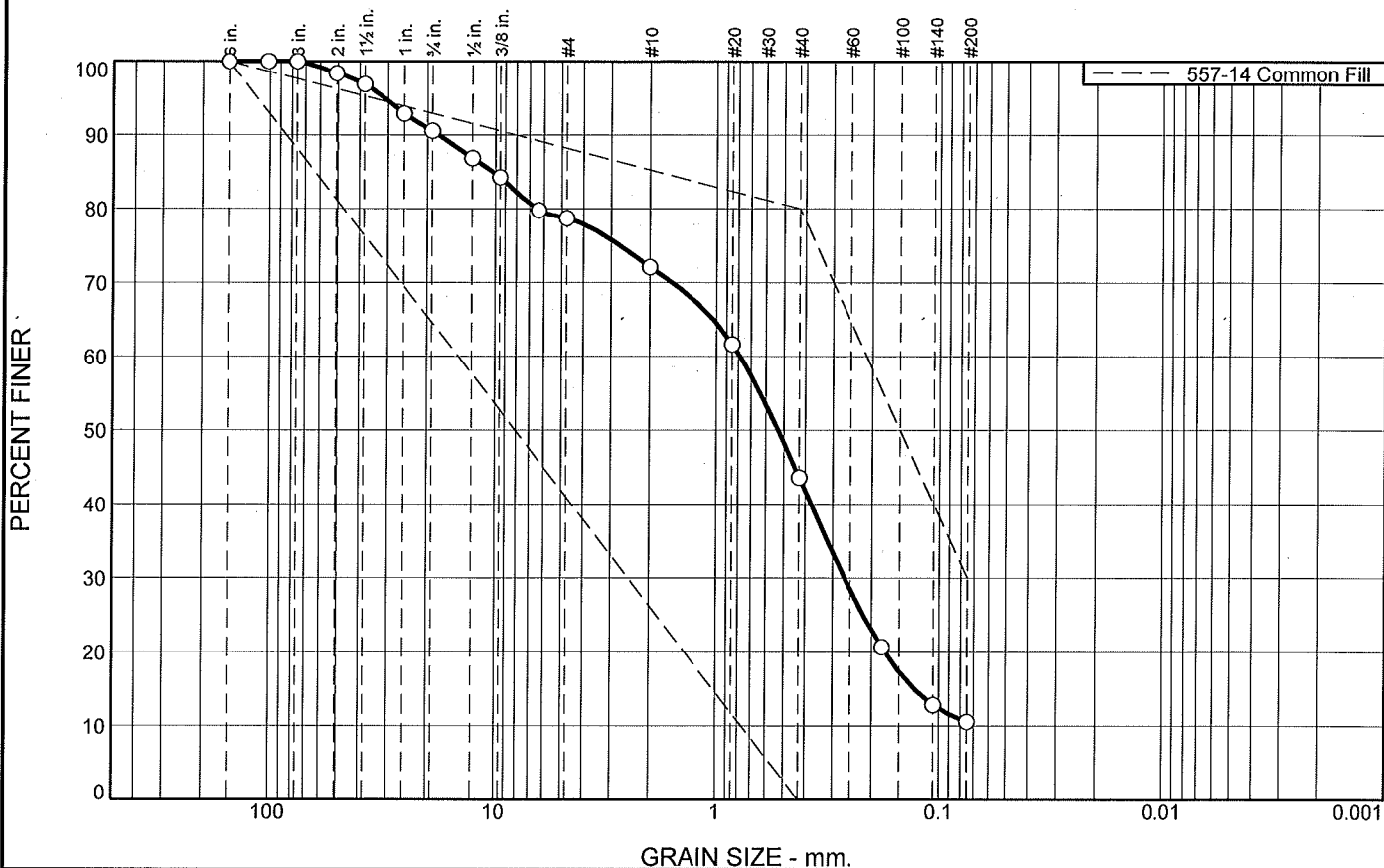


Signature



Signed Date

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	9.5	11.8	6.6	28.5	33.1	10.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
6"	100.0	100.0 - 100.0	
4"	100.0		
3"	100.0		
2"	98.4		
1 1/2"	96.9		
1"	92.9		
3/4"	90.5		
1/2"	86.9		
3/8"	84.3		
1/4"	79.8		
#4	78.7		
#10	72.1		
#20	61.7		
#40	43.6	0.0 - 80.0	
#80	20.6		
#140	12.8		
#200	10.5	0.0 - 30.0	

Soil Description

Common Fill - poorly graded sand with silt and gravel

Atterberg Limits

PL= LL= PI=

Coefficients

D₈₅= 10.2371 D₆₀= 0.7842 D₅₀= 0.5297
D₃₀= 0.2651 D₁₅= 0.1289 D₁₀=
C_u= C_c=

Classification

USCS= SP-SM AASHTO=

Remarks

Moisture Content: 3.7%

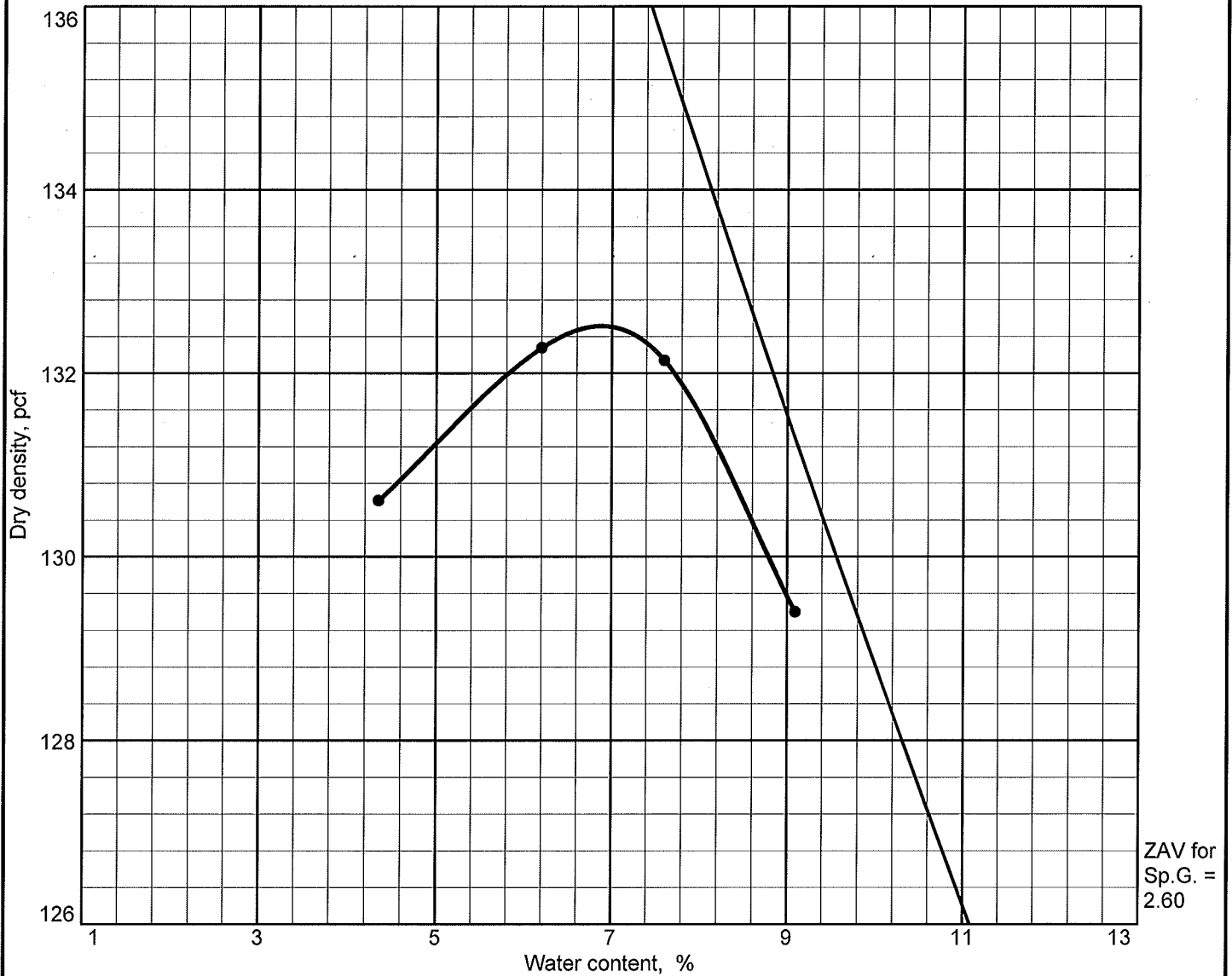
* 557-14 Common Fill

Sample No.: 11280 Source of Sample: On-site Date: 6/9/10
Location: Sta 10+00 12" Water Line Backfill Elev./Depth:

R.W. Gillespie & Associates, Inc. Saco, Maine	Client: City of Portland Project: Terminal Enhancement at the Portland Int. Jetport Project No: 557-14 Figure 11280
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Tested By: EEC Checked By: MTG *MTG*

Moisture-Density Test Report



Test specification: ASTM D 1557-00 Method A Modified
 Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > No.4	% < No.200
	USCS	AASHTO						
	SP-SM		3.7%				21.3	10.5

ROCK CORRECTED TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 132.5 pcf Optimum moisture = 6.9 %	Common Borrow - poorly graded sand with silt and gravel

Project No. 557-14 Client: City of Portland Project: Terminal Enhancement at the Portland Int. Jetport Location: Sta 10+00 12" Water Line Backfill	Remarks: Tested by: JJH
R.W. Gillespie & Associates, Inc. Saco, Maine	<i>MTG</i> Figure 11280