

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 25, 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 |
|--------------------|-----------------------|
| 11304 | Washed Gradation & MD |

Remarks:

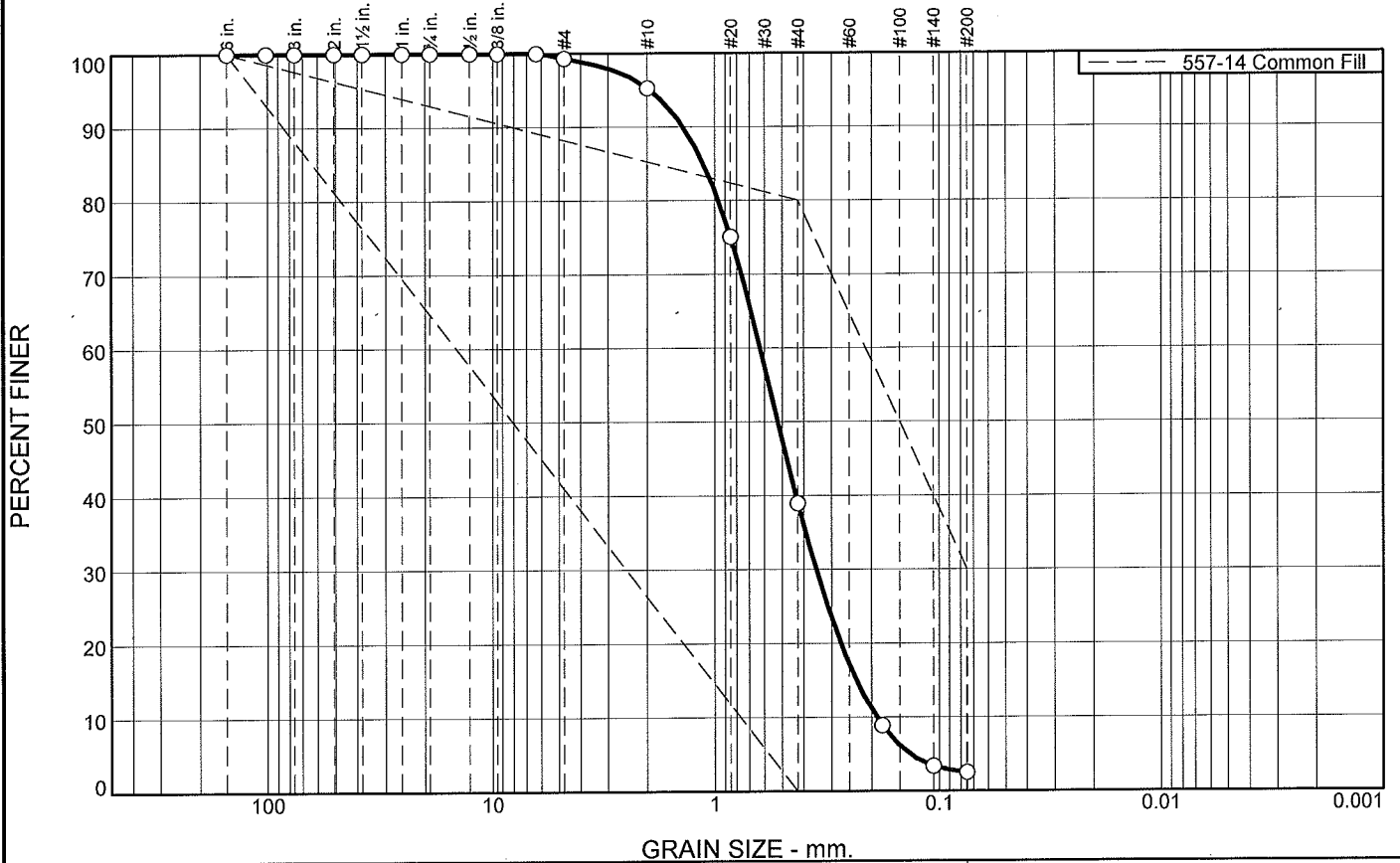
Copy To: Roy Williams: rsw@portlandmaine.gov
Jim Stanislaski: jim_stanislaski@gensler.com
Cliff Takara: clifford_takara@gensler.com
Lacey Fogg: Lacey.Fogg@amec.com
Mike Fusco: mfusco@tcco.com
Shaun Winner: swinner@tcco.com
Phil Coleman: pcoleman@tcco.com
Elizabeth O'Toole: eotoole@tcco.com
TMM@portlandmaine.gove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

bcyculski@tcco.com
rdixon@tcco.com
gmitchell@tcco.com
dlasher@tcco.com

Signed: Suzan A. Michaud

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

Particle Size Distribution Report



| % +3" | % Gravel | | % Sand | | | % Fines | |
|-------|----------|------|--------|--------|------|---------|------|
| | Coarse | Fine | Coarse | Medium | Fine | Silt | Clay |
| 0.0 | 0.0 | 0.7 | 4.1 | 56.3 | 36.4 | 2.5 | |

| SIEVE SIZE | PERCENT FINER | SPEC.* PERCENT | PASS? (X=NO) |
|------------|---------------|----------------|--------------|
| 6" | 100.0 | 100.0 - 100.0 | |
| 4" | 100.0 | | |
| 3" | 100.0 | | |
| 2" | 100.0 | | |
| 1 1/2" | 100.0 | | |
| 1" | 100.0 | | |
| 3/4" | 100.0 | | |
| 1/2" | 100.0 | | |
| 3/8" | 100.0 | | |
| 1/4" | 100.0 | | |
| #4 | 99.3 | | |
| #10 | 95.2 | | |
| #20 | 75.1 | | |
| #40 | 38.9 | 0.0 - 80.0 | |
| #80 | 8.9 | | |
| #140 | 3.4 | | |
| #200 | 2.5 | 0.0 - 30.0 | |

Soil Description
Sand (Resample) - poorly graded sand

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₈₅= 1.1259 D₆₀= 0.6270 D₅₀= 0.5228
 D₃₀= 0.3518 D₁₅= 0.2329 D₁₀= 0.1904
 C_u= 3.29 C_c= 1.04

Classification
 USCS= SP AASHTO=

Remarks
 Moisture Content: 5.4%

* 557-14 Common Fill

Sample No.: 11304
 Location: Stockpile

Source of Sample: Mighty Street Pit

Date: 6/17/10
 Elev./Depth:

**R.W. Gillespie
 & Associates, Inc.
 Saco, Maine**

Client: City of Portland
 Project: Terminal Enhancement at the Portland Int. Jetport

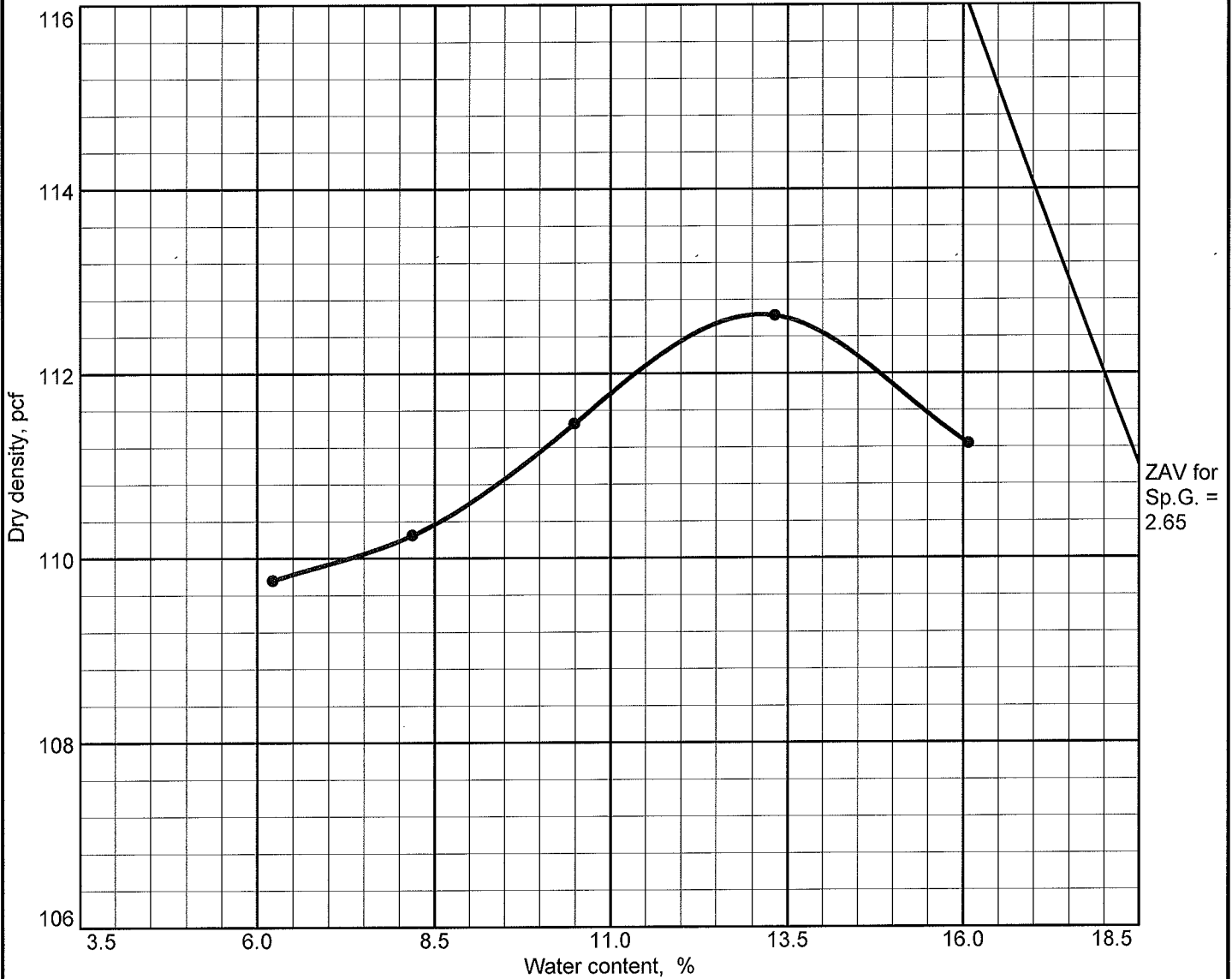
Project No: 557-14

Figure 11304

Tested By: JJH

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 | | 5.4% | | | | 0.7 | 2.5 |

| ROCK CORRECTED TEST RESULTS | MATERIAL DESCRIPTION |
|--|--------------------------------------|
| Maximum dry density = 112.6 pcf Optimum moisture = 13.1 % | Sand (Resample) - poorly graded sand |

Project No. 557-14 **Client:** City of Portland
Project: Terminal Enhancement at the Portland Int. Jetport
 ● **Location:** Stockpile

R.W. Gillespie & Associates, Inc.
Saco, Maine

Remarks:
 Tested by: JJH

mtc
Figure 11304

Email to: dlasher@tcco.com

Portland International Jetport Terminal Expansion

Submittal Transmittal
[For Reviewer]

Project # 1670000

1001 Westbrook Street,
Portland, ME 04102

Telephone:

Fax:

June 25, 2010

Date: 6/25/10

Transmittal No: 0379

| | | | |
|------------------------|--|------------------------|--|
| 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 |
|------------------------|--|------------------------|--|

| Submittal Package No | Description | Due Date |
|----------------------|---|----------|
| 0002 - 31 20 00 - 1 | Backfill Material - Bedding Course (Sand) Rev 1 | 7/9/10 |

| Item | Qty | Spec | Sub Section | Item # | Rev | Type | Description | Notes | Item Action | | | | |
|------|-----|------|-------------|--------|-----|------|--|-------|-------------|----|----|----|--|
| | | | | | | | | | AP | AN | RR | RJ | |
| 001 | 1 | | | 01115 | 0 | | 50lbs Sample - Bedding Course (Sand) - Rev 1 | | | | | | |

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

Daniel Lasher

06-25-2010

Signature

Signed Date

Signature

Signed Date