

August 26, 2015

RECEIVED  
SEP 02 2015

BY: *M. Lucio*

Commissioner Joseph Palacios  
Attn: Maria "LuLu" Lucio  
Hidalgo County, Pct. #4  
1102 N. Doolittle Rd.  
Edinburg, Texas 78539

**RE: Hoehn Subdv.**

Dear Ms. Lucio:

Included for your use with this letter are test reports **R001 & R002** for **Construction Material Testing** performed on the above referenced project.

L&G Engineering appreciates the opportunity to serve your material testing needs on this project and we look forward to working with you in the future.

If you have any questions, feel free to contact me at 956-565-0760.

Sincerely,

Ricardo A. Gil  
General Manager

Attachments

## PROCTOR TEST REPORT

Project Description: Hoehn Subdv.  
 Client: Hidalgo County Pct. #4

L&G Project Number: E1301501  
 L&G Report Number: R001  
 Sample Date: 08/07/2015  
 Date Reported: 08/07/2015

Client PO: 728310

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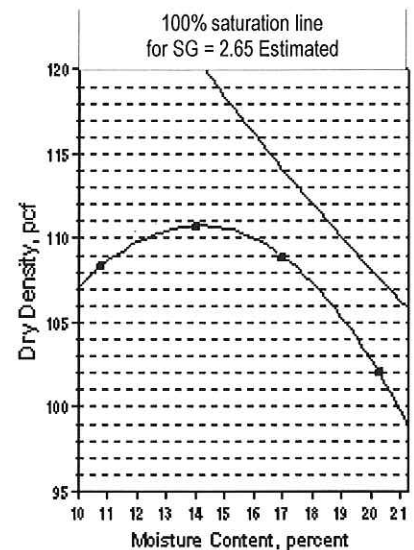
Compaction Method: ASTM D-698  
 Material Description: Pipe Sand Bedding

Specific Gravity: 2.65

Liquid Limit: 25  
 Plastic Limit: 17  
 Plasticity Index: 8  
 % Passing No. 200: 31

Specimen No.:	1	2	3	4
Moisture, %:	10.7	14.0	17.0	20.2
Dry Density (pcf):	108.2	110.7	108.8	102.2

Maximum Dry Density in P.C.F.: 110.7  
 Optimum Moisture (%): 14.2



Test Method: ASTM D-698, ASTM-D-4318

Orig: Hidalgo County Pct. #4 (E130) (Hidalgo County Pct. #4)  
 (Edinburg, TX) Attn: Maria Lucio  
 (1-cc copy)  
 1-cc Laboratory

Respectfully Submitted,  
 L&G Engineering



\_\_\_\_\_  
 Ricardo A. Gil, Lab Manager

## PROCTOR TEST REPORT

Project Description: Hoehn Subdv.  
 Client: Hidalgo County Pct. #4

L&G Project Number: E1301501  
 L&G Report Number: R002  
 Sample Date: 08/07/2015  
 Date Reported: 08/07/2015

Client PO: 728310

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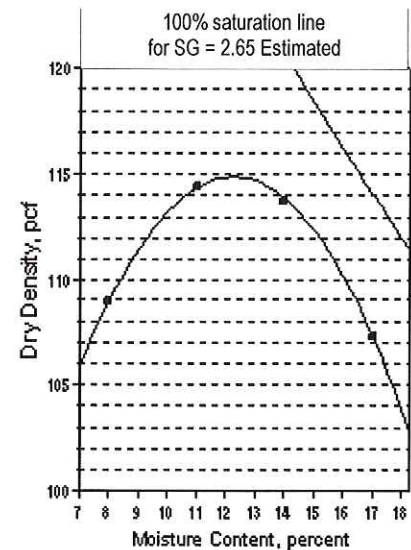
Compaction Method: ASTM D-698  
 Material Description: Trench Backfill

Specific Gravity: 2.65

**Liquid Limit: 35**  
**Plastic Limit: 18**  
**Plasticity Index: 17**  
**% Passing No. 200: 43**  
**Group Symbol: SC**

Specimen No.:	1	2	3	4
Moisture, %:	8.0	11.1	14.1	17.1
Dry Density (pcf):	109.0	114.4	113.7	107.0

Maximum Dry Density in P.C.F.: 114.8  
 Optimum Moisture (%): 12.3



**Remarks:** Sampled from Sta 0+50 (Jobsite)  
**Test Method:** ASTM D-698 Method-A, ASTM D-4318, ASTM D-1140

Orig: Hidalgo County Pct. #4 (E130) (Hidalgo County Pct. #4)  
 (Edinburg, TX) Attn: Maria Lucio  
 (1-cc copy)  
 1-cc Laboratory

Respectfully Submitted,  
 L&G Engineering



Ricardo A. Gil, Lab Manager

Celia Almaguer

E1301SD1

**From:** Jesse Alvarez [jose.alvarez@co.hidalgo.tx.us]  
**Sent:** Friday, August 07, 2015 11:14 AM  
**To:** Billy Ortiz  
**Cc:** Raul Sesin; Eliza Yzaguirre; Maria Lulu Lucio; Nora Cavazos; Rick Gil; Ricardo Gallaga; Patricio Avila; Jesus Ozuna; Veronica Lopez; Leticia H. Saenz; Celia Almaguer  
**Subject:** Re: County of Hidalgo Pct. No. 4 Water & Sewer Improvements Hoehn Subd. Texas Dept of Agriculture Contract No.713045

Good Morning to all:  
Correction on the Date on previous request below,  
It should Read : Date: 08-07-15 Friday  
Sorry for any inconvenience.

Thank You

Jesse Alvarez  
Construction Inspector  
County of Hidalgo Engineering Projects Office  
902 Doolittle Rd.  
Edinburg , Texas 78542  
Office : 956-702-7000 ext 2029  
Mobile:956-533-3992

Sent from my iPhone

On Aug 7, 2015, at 11:09 AM, Jesse Alvarez <jose.alvarez@co.hidalgo.tx.us> wrote:

Good Morning Billy ,

Please see below for testing request,

Date of Service Requested: ~~07/31/2015~~ Friday

ROD + RODA

Project Name/Location: County of Hidalgo Pct. No. 4 Water & Sewer Improvements Hoehn Subd.

Texas Dept of Agriculture Contract No.713045

Time of Needed Services: .03:00 PM

Type of Service Requested: Proctor Sample Pickup for Trench "Soil" Backfill And Proctor Sample Pickup for Trench "Sand" Bedding and Backfill.

Note: Testing Time has already been coordinated with Billy Ortiz

Thank You

Jesse Alvarez  
Construction Inspector  
County of Hidalgo Engineering Projects Office  
902 Doolittle Rd.  
Edinburg , Texas 78542  
Office : 956-702-7000 ext 2029  
Mobile:956-533-3992

Sent from my iPhone

**2100 W. Expressway 83**  
**Mercedes, TX 78570**  
**Office (956) 565-0760 Fax (956) 565-6746**

**Client Address:** Hidalgo County Pct. #4  
 Maria Lucio, Program Manager  
 1102 N. Doolittle Rd.  
  
 Edinburg, TX. 78539

**Account No.:** E130  
**Project No:** E1301501  
**Project Desc.:** Hoehn Subdv.

**Due Date:** UPON RECEIPT  
**Billed to Date:** \$1,203.92  
**PO:** 728310

===== Invoice Summary by Billing Code =====

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
910:91004 - Atterberg Limits Det	\$78.48	2.00	\$156.96
910:91006 - Materials Finer #200	\$65.49	2.00	\$130.98
910:91009 - M-D ASTM D698 (Standard Proctor) (each)	\$202.78	2.00	\$405.56
940:94048 - Eng. Tech. (Soils / SP.)	\$47.14	6.00	\$282.84
940:94054 - Engineering Specialist	\$117.75	0.50	\$58.88
940:94055 - Engineer / P.E.	\$157.08	0.50	\$78.54
950:95058 - Vehicle Trip Charge	\$0.52	84.00	\$43.68
950:95061 - Test Report	\$23.24	2.00	\$46.48

**Total for this Invoice:            \$1,203.92**

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R001	08/07/2015	1.00	910:91004 - Atterberg Limits Det	Each	\$78.48	\$78.48
R001	08/07/2015	1.00	910:91006 - Materials Finer #200	Each	\$65.49	\$65.49
R001	08/07/2015	1.00	910:91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$202.78	\$202.78
R001	08/07/2015	3.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$141.42
R001	08/07/2015	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R001	08/07/2015	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R001	08/07/2015	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
<i>Report Number R001 for a Subtotal of:</i>						\$580.12
R002	08/07/2015	1.00	910:91004 - Atterberg Limits Det	Each	\$78.48	\$78.48

**REMIT TO: 2100 W. Expressway 83**  
**Mercedes, TX 78570**  
**Office (956) 565-0760 Fax (956) 565-6746**

**Net 30 Days**

**PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH  
 PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT**

2100 W. Expressway 83  
 Mercedes, TX 78570  
 Office (956) 565-0760 Fax (956) 565-6746

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R002	08/07/2015	1.00	910:91006 - Materials Finer #200	Each	\$65.49	\$65.49
R002	08/07/2015	1.00	910:91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$202.78	\$202.78
R002	08/07/2015	3.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$141.42
R002	08/07/2015	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R002	08/07/2015	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R002	08/07/2015	84.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$43.68
R002	08/07/2015	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R002 for a Subtotal of:						\$623.80
<b>Total for this Invoice:</b>						<b>\$1,203.92</b>

REMIT TO:2100 W. Expressway 83  
 Mercedes, TX 78570  
 Office (956) 565-0760 Fax (956) 565-6746

Net 30 Days

**PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH  
 PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT**