

L&G Engineering Laboratory, LLC

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

Invoice #

6199

Date

10/17/2006

Bill To

County of Hidalgo
 Administration Building
 100 E. Cano Street, 4th Floor
 Edinburg, Tx 78539

Re:

Hidalgo County Juvenile Det. Ctr
 Construction Materials Testing
 PO #
 10/10 & 10/11/06

Project Number

Report Number

Rep

Due Date

L114501

R1215 & R1216

RG

11/10/2006

Quantity	Item Code	Description	Price Each	Amount
		R1215 10/10/06		
2	91011	Field Density (Nuclear Method)(Ea.)	19.65	39.30
2	94048	Eng. Tech. (Soils / SP.)(Hr.)	39.35	78.70
60	95058	Vehicle Trip Charge (Miles)(Mi.)	0.41	24.60
1	95061	Test Report(Ea.)	17.50	17.50
		R1216 10/11/06		
5	91011	Field Density (Nuclear Method)(Ea.)	19.65	98.25
2	94048	Eng. Tech. (Soils / SP.)(Hr.)	39.35	78.70
60	95058	Vehicle Trip Charge (Miles)(Mi.)	0.41	24.60
1	95061	Test Report(Ea.)	17.50	17.50
Total				\$379.15

L&G Engineering appreciates the opportunity to serve your material testing needs.

L & G Engineering Laboratory

Construction Material Testing Geotechnical Engineering

October 17, 2006

County of Hidalgo
C/o: Mr. Tomas Canul, Project Manager (VA Architecture)
Administration Building
100 E. Cano Street, 3rd Floor
Edinburg, Texas 78539

**RE: Hidalgo County Juvenile Justice Center
Project Number C-05-007-08-02**

Dear Mr. Canul:

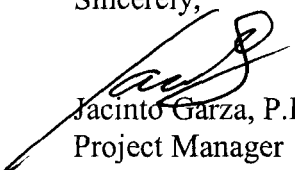
Included for your use with this letter are test reports (**R1215 & R1216**) for **Field Density** testing performed on the above referenced project during the month of October 2006.

Included for your review is an invoice for testing performed during the subject period. Fees assessed for the work performed is in accordance with our contract with the County of Hidalgo, Contract Number C-05-007-08-02.

L&G Engineering Laboratory 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 or Ricardo A. Gil at 956-565-0760.

Sincerely,



Jacinto Garza, P.E.
Project Manager

CC: Hidalgo County Auditor's Office, Ray Eufrazio
Hidalgo County Purchasing Office, Martha Salazar
Hidalgo County Juvenile Probation, Israel Silva
VA Architecture, Tomas Canul, Project Manager
Quintanilla, Headley & Associates, A. Quintanilla, P.E.
Unitech Engineering, Inc., R. de la Cruz, P.E.
WSC Consulting Engineers, Per K. Schneider, P.E.
Descon Construction, J. Wayne Medlin

L&G Engineering Laboratory

Construction Material Testing Geotechnical Engineering

Field Density Report

Project Description: Hidalgo Co. Juvenile Justice Center
Client: C-05-007-08-02
Engineer: WSC Consulting Engineers
Architect: VA Architecture
Contractor: Descon Construction

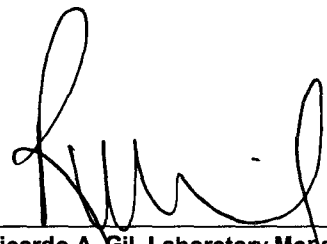
L&G Project Number: L114501
L&G Report Number: R1215
Date Sampled/Tested: 10/10/06
Date Reported: 10/12/06
Area Tested: SE Parking Lot

Material Description	Caliche				
Opt. Density, LB/CF	<u>114.0</u>	Optimum % Moisture	<u>14.2</u>	Test Depth	<u>8"</u>
Required % Proctor	<u>98%</u>	Moisture Tolerance	<u>-2 to +3</u>	Required Depth	<u>8"</u>

Test No.	Test Location	Moisture Content (%)	Dry Density(PCF)	Percent Compaction(%)	Depth (inch)
1	SE Parking Lot 20' NW and 20' E of SW Corner	15.8 %	113.8 pcf	99.8%	8"
2	SE Parking Lot 20' S and 30' W of NE Corner	15.3 %	116.1 pcf	101.8%	8"

Remarks: Field testing done in general accordance with ASTM D 2922 and ASTM D 3017.
Test results are in general compliance with the project specifications except as noted.

CC: Hidalgo County Auditors's Office, Rey Eufrazio
Hidalgo County Purchasing Dept., Martha Salazar
Hidalgo County Juvenile Probation, Israel Silva
VA Architecture, Tomas Canul, Proj. Mgr.
Quintanilla, Headley, & Assoc., A Quintanilla, P.E.
Unitech Engineering, Inc. R de la Cruz, P.E.
WSC Consulting Engineers, Per K. Schneider, P.E.
Descon Construction, J. Wayne Medlin


Ricardo A. Gil, Laboratory Manager

L & G Engineering Laboratory

Construction Material Testing Geotechnical Engineering

Field Density Report

Project Description: Hidalgo Co. Juvenile Justice Center
Client: C-05-007-08-02
Engineer: WSC Consulting Engineers
Architect: VA Architecture
Contractor: Descon Construction

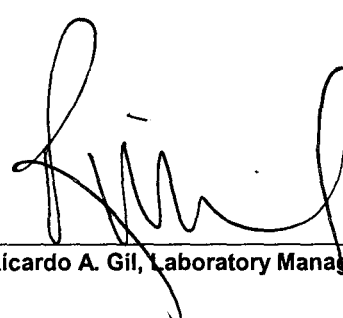
L&G Project Number: L114501
L&G Report Number: R1216
Date Sampled/Tested: 10/11/06
Date Reported: 10/12/06
Area Tested: Parking Lot

Material Description	Caliche	
Opt. Density, LB/CF <u>114.0</u>	Optimum % Moisture <u>14.2</u>	Test Depth <u>8"</u>
Required % Proctor <u>98%</u>	Moisture Tolerance <u>-2 to +3</u>	Required Depth <u>8"</u>

Test No.	Test Location	Moisture Content (%)	Dry Density(PCF)	Percent Compaction(%)	Depth (inch)
1	S. Entrance 50' W from Approach on Center Line	16.0 %	118.8 pcf	104.3%	8"
2	S. Entrance 100' W from Approach on Center Line	15.0 %	116.2 pcf	102.0%	8"
3	Exit Rd. S. Parking Lot 40' N of Int. S. Entrance & Exit Rd. on Center Line	13.0 %	119.1 pcf	104.5%	8"
4	Entrance Rd. to S. Parking Lot 30' N of Int. of S. Entrance & Entrance Rd. on East	15.1 %	123.7 pcf	108.5%	8"
5	Access Rd. to S. Parking Lot 10' N. of Island on Center Line	15.7 %	118.6 pcf	104.0%	8"

Remarks: Field testing done in general accordance with ASTM D 2922 and ASTM D 3017.
Test results are in general compliance with the project specifications except as noted.

CC: Hidalgo County Auditors's Office, Rey Eufrazio
Hidalgo County Purchasing Dept., Martha Salazar
Hidalgo County Juvenile Probation, Israel Silva
VA Architecture, Tomas Canul, Proj. Mgr.
Quintanilla, Headley, & Assoc., A Quintanilla, P.E.
Unitech Engineering, Inc. R de la Cruz, P.E.
WSC Consulting Engineers, Per K. Schneider, P.E.
Descon Construction, J. Wayne Medlin


Ricardo A. Gil, Laboratory Manager