

# DAILY REPORT OF FIELD OBSERVATIONS

Service Date: 08/01/2024

**Ninyo & Moore**

Geotechnical and Environmental Sciences Consultants

1991 East Ajo Way, Suite 145

Tucson AZ 85713

520.577.7600 | [www.ninyoandmoore.com](http://www.ninyoandmoore.com)

**Project Name:** Rancho Vistoso Valley Vista Sewer Repair  
**Project Address:** 601 E. Kalalau Dr.  
Oro Valley AZ 85755  
**Client:** Pima County  
**General Contractor:** Hunter  
**Approved Documents:**

**Project Number:** 608157001  
**Jurisdiction:** Tucson  
**Permit:**  
**Plan File No.:**

**Equipment:** Concrete Truck

## Summary of Field Services:


A Ninyo and Moore technician arrived on site as requested by the contractor for slurry testing and observations. The contractor placed approximately 2cy of slurry material via chute for the sewer line pipe encasement located at the intersection of Kalalau Dr and Romsdalen Rd. The technician obtained one sample of concrete material and fabricated one set of five test specimens after initial testing. The results obtained appeared to meet project specifications and were reported to the contractor immediately.

## Concrete Test(s)

Set Number	No. of Specimens	Location	Mix Design No.	Specified Strength, psi	Concrete Temp., °F	Slump in
1	5	Pipe Encasement @ Intersection of Kalalau Dr and Romsdalen Rd	400245	250	88	NA

**Weather:** Sunny, Calm, Dry, Arid

## SIGNATURES

Start Time	Stop Time	Standard Hours	Overtime Hours	Travel Hours	Total Miles	Shayne Jenkins (Print)
08:30	10:30	2	-	1	50	
CODE: RW = Rework NIC = Not In Contract ST = Standby WC = Work Cancelled Code - (No. of hours)						Signature of Field Technician
<b>THE WORK</b> <input checked="" type="checkbox"/> was / <input type="checkbox"/> was not inspected in accordance with the approved documents <b>THE WORK INSPECTED</b> <input checked="" type="checkbox"/> met / <input type="checkbox"/> did not meet the requirements of the approved documents <b>MATERIAL SAMPLING</b> <input checked="" type="checkbox"/> was <input type="checkbox"/> was not <input type="checkbox"/> N/A performed in accordance with the approved documents						08/01/2024
						Date
						Certification Number
						JOB SITE CONTACT IS ASKED TO SIGN TO VERIFY INSPECTION HOURS ONLY THE CONTENT OF THIS REPORT & FEE CHARGES ARE THE RESPONSIBILITY OF OTHERS
						Signature of Owner-Authorized Job Site Contact

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### FIELD OBSERVATION PICTURES



**Concrete Placement Overview**



**Concrete Placement**

# COMPRESSIVE STRENGTH TEST REPORT

Sample Date: 08/01/2024 Material: CLSM  
Size: Cylinder 4x8  
Lab No.: TUC-5157  
Project Set No.: 13

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**Client**  
Pima County  
Attn: Rogelio Flores

**Project**  
Rancho Vistoso Valley Vista Sewer Repair  
601 E. Kalalau Dr.  
Oro Valley AZ 85755  
**Project Number:** 608157001

## Field Test Data

Truck No.: 8007 Ticket No.: 1460058  
Batch Time: 8:14am  
Cast Time: 9:15am Age (min.): 61  
Load Vol.: 2 cy Cumulative Vol.: 2 yd<sup>3</sup> of 2 tot. yd<sup>3</sup>  
Water Added (gal): 0.0 Sampled From: Chute  
Cast By: Shayne Jenkins  
No. of Specimens: 5  
Set No.: 1 Spec. Type: Cylinder

## Mix Information

Supplier: Calportland  
Mix No.: 400245  
Product Desc.: Sand Slurry 4.0 Sack  
Admixtures:  
Max Agg. Size:  
Plant: Tangerine

**Environmental Conditions:**  
Sunny, Arid, Dry, Calm

**Mix Design Strength:** 250  
**Specified Strength:** 250 psi @ 28 days

## Compressive Strength Test Method

Sample No.	Date Tested	Age, days	Maximum Load, lb	Average Diameter or Side, in.	Surface Area, in. <sup>2</sup>	Compressive Strength psi	Average	Fracture Type	Cure	Cap Type	Tested By
1	Aug 08	7									
2	Aug 29	28									
3	Aug 29	28									
4	Aug 29	28									
5		H									

Average compressive strength @ 28 days meets specified strength: ☐ Yes ☐ No

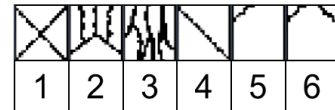
### Structure Location / Placement Area:

Pipe Encasement @ Intersection of Kalalau Dr and Romsdalen Rd / Same as Above

### Comments:

Samples prepared and tested in accordance with:  
ASTM C31, ASTM C172, ASTM C1064

### TYPES OF FRACTURE



Reviewed By:

Print Date: 08/05/2024

Nick Moore / Senior Project Manager