

Date : 09/03/2024  
 Project No : 2024C168  
 Client Company : CCG  
 Arrival Time : 09/03/2024 10:00  
 Onsite Hours : 9:30

ASEC Report ID : 69575  
 Name of the Project : Reserve @ Gum Springs  
 Project Location : Jefferson  
 Weather : sunny  
 Departure Time : 09/03/2024 19:30  
 ASEC Technician Name : Aminullah Azimi

| Test Date                                                                                         | Test Number | Moisture Content (%) | Dry Density (pcf) | Proctor Number | Max. Dry Density (pcf) | Optimum Moisture (%) | Compaction (%) | Specified Compaction (%) | ASTM Test Method | Pass/Fail |
|---------------------------------------------------------------------------------------------------|-------------|----------------------|-------------------|----------------|------------------------|----------------------|----------------|--------------------------|------------------|-----------|
| 09/03/2024                                                                                        | 27          | 22.5                 | 99.3              | 26081          | 102.9                  | 20.0                 | 96.5           | 95                       | D2937            | Pass      |
| Location : sewer trench, 131 feet to the SW from MH SA11., Elv/Depth :finished grade              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/03/2024                                                                                        | 28          | 22.1                 | 100.9             | 26081          | 102.9                  | 20.0                 | 98.1           | 95                       | D2937            | Pass      |
| Location : sewer trench, 35 feet to the NE from MH SA12., Elv/Depth :finish grade                 |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/03/2024                                                                                        | 29          | 22.7                 | 98.0              | 26081          | 102.9                  | 20.0                 | 95.2           | 95                       | D2937            | Pass      |
| Location : sewer trench, 44 feet to the SW from MH SA12., Elv/Depth :finish grade                 |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/03/2024                                                                                        | 30          | 21.0                 | 101.1             | 26081          | 102.9                  | 20.0                 | 98.3           | 95                       | D2937            | Pass      |
| Location : seer trench, 101 feet to the NE from MH SA 13., Elv/Depth :4.5 feet below finish grade |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/03/2024                                                                                        | 31          | 22.2                 | 99.4              | 26081          | 102.9                  | 20.0                 | 96.6           | 95                       | D2937            | Pass      |
| Location : sewer trench, 33 feet to the NE from MH SA 13., Elv/Depth :5 feet below finish grade   |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi                                                                       |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/03/2024                                                                                        | 32          | 25.1                 | 87.5              | 26085          | 92.0                   | 25.3                 | 95.1           | 95                       | D6938            | Pass      |
| Location : lot# 26, Elv/Depth :finished grade                                                     |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/03/2024                                                                                        | 33          | 23.1                 | 98.4              | 26081          | 102.9                  | 20.0                 | 95.6           | 95                       | D6938            | Pass      |
| Location : lot# 25., Elv/Depth :finished grade                                                    |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/03/2024                                                                                        | 34          | 25                   | 109.5             | 26085          | 92.0                   | 25.3                 | 95.2           | 95                       | D6938            | Pass      |
| Location : lot# 24., Elv/Depth :finished grade                                                    |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/03/2024                                                                                        | 35          | 25.3                 | 91.1              | 26082          | 94.1                   | 24.3                 | 96.8           | 95                       | D6938            | Pass      |
| Location : lot# 23., Elv/Depth :finished grade                                                    |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |
| 09/03/2024                                                                                        | 36          | 25                   | 111.9             | 26082          | 94.1                   | 24.3                 | 95.1           | 95                       | D6938            | Pass      |
| Location : lot# 36., Elv/Depth :finish grade                                                      |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Comment :                                                                                         |             |                      |                   |                |                        |                      |                |                          |                  |           |
| Tested By : Aminullah Azimi Gauge Serial No. : 85759                                              |             |                      |                   |                |                        |                      |                |                          |                  |           |

**Remark:** Test performed in general accordance with signed referenced ASTM Method.

Date : 09/03/2024  
Project No : 2024C168  
Client Company : CCG  
Arrival Time : 09/03/2024 10:00  
Onsite Hours : 9:30

## Density Test Report

ASEC Report ID : 69575  
Name of the Project : Reserve @ Gum Springs  
Project Location : Jefferson  
Weather : sunny  
Departure Time : 09/03/2024 19:30  
ASEC Technician Name : Aminullah Azimi



**Ramchandra R. Mogulla**  
**GA P.E. 036021**  
**Senior Engineer**

The results presented in this report relate only to the items tested. This report shall not be reproduced, except in full, without written approval from AS Engineering and Consulting LLC.

Date : 09/03/2024  
Project No : 2024C168  
Client Company : CCG  
Arrival Time : 09/03/2024 10:00  
Onsite Hours : 9:30

ASEC Report ID : 69575  
Name of the Project : Reserve @ Gum Springs  
Project Location : Jefferson  
Weather : sunny  
Departure Time : 09/03/2024 19:30  
ASEC Technician Name : Aminullah Azimi

**PROCTOR DATA SUMMARY**

| TEST DATE  | PROCTOR ID | MAX DRY DENSITY<br>(pcf) | OPTIMUM MOISTURE<br>(%) | PROCTOR TYPE | SOIL DESCRIPTION         |
|------------|------------|--------------------------|-------------------------|--------------|--------------------------|
| 07/01/2024 | 26081      | 102.9                    | 20.0                    | Standard     | Reddish Brown Sandy SILT |
| 07/01/2024 | 26082      | 94.1                     | 24.3                    | Standard     | Brown Sandy SILT         |
| 07/01/2024 | 26083      | 102.0                    | 22.1                    | Standard     | Light Brown Sandy SILT   |
| 07/26/2024 | 26084      | 102.0                    | 19.6                    | Standard     | Brown Sandy SILT         |
| 07/26/2024 | 26085      | 92.0                     | 25.3                    | Standard     | Reddish-Brown Sandy SILT |