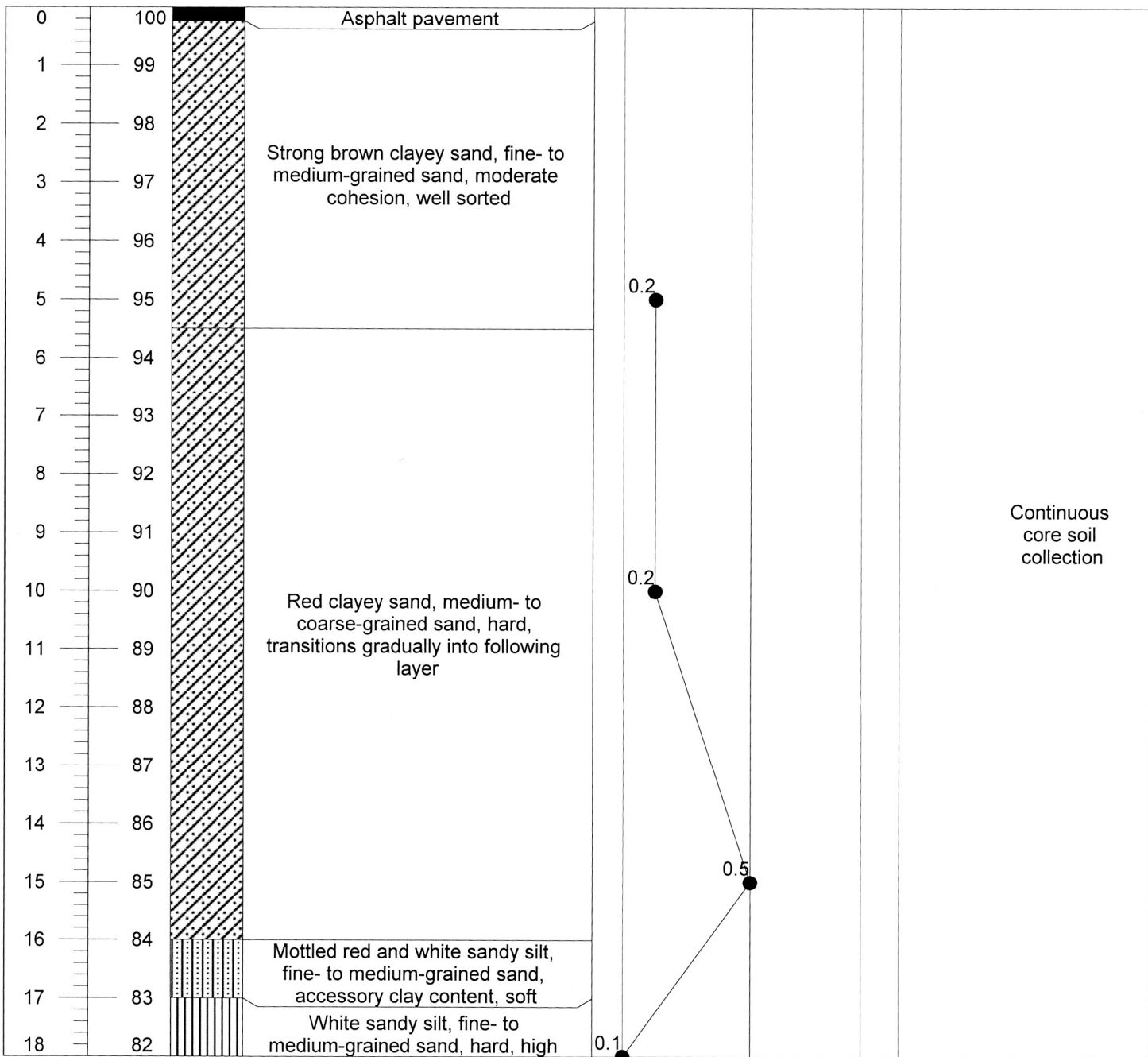


APPENDIX D
SOIL BORING/ FIELD SCREENING LOGS



Borehole ID: SB-1

Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/04/23

Total Depth of Well: 18.0'

Client Name: SC DHEC

Latitude: 34.013121°

Casing Diameter: N/A"

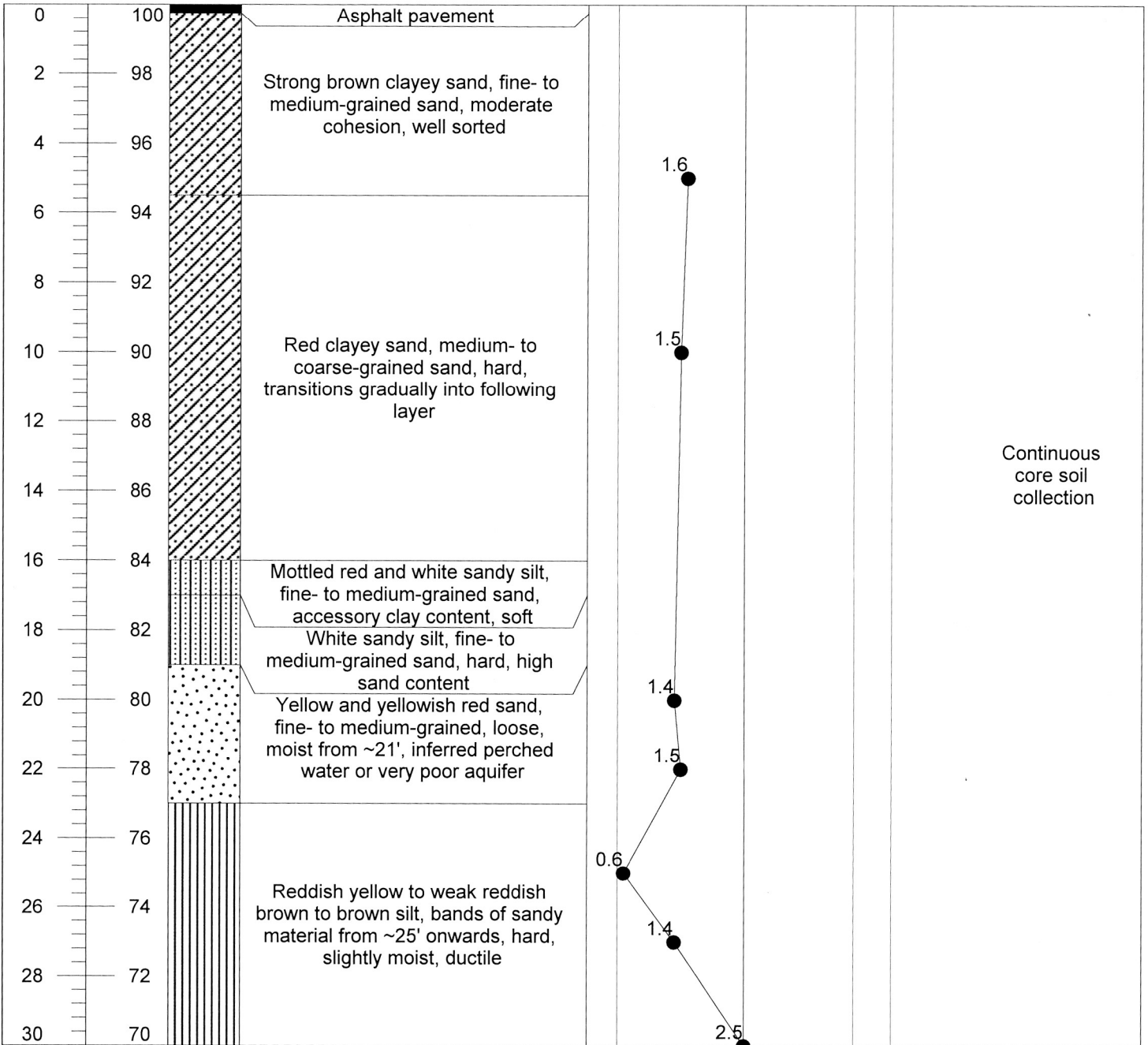
Location: Columbia, SC

Longitude: -81.015517°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/04/23

Total Depth of Well: 27.0'

Client Name: SC DHEC

Latitude: 34.013121°

Casing Diameter: N/A"

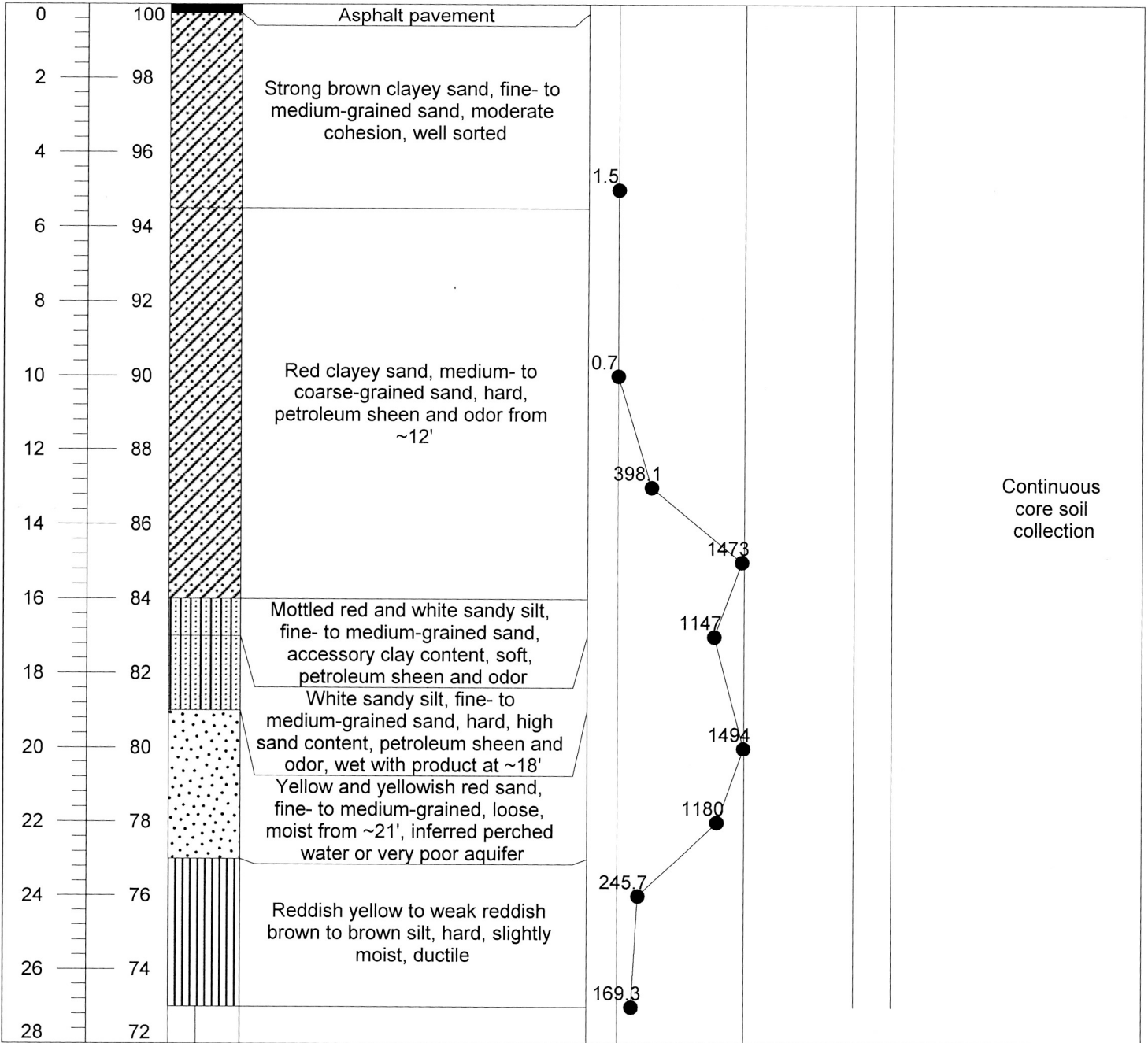
Location: Columbia, SC

Longitude: -81.015517°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/04/23

Total Depth of Well: 27.0'

Client Name: SC DHEC

Latitude: 34.013121°

Casing Diameter: N/A"

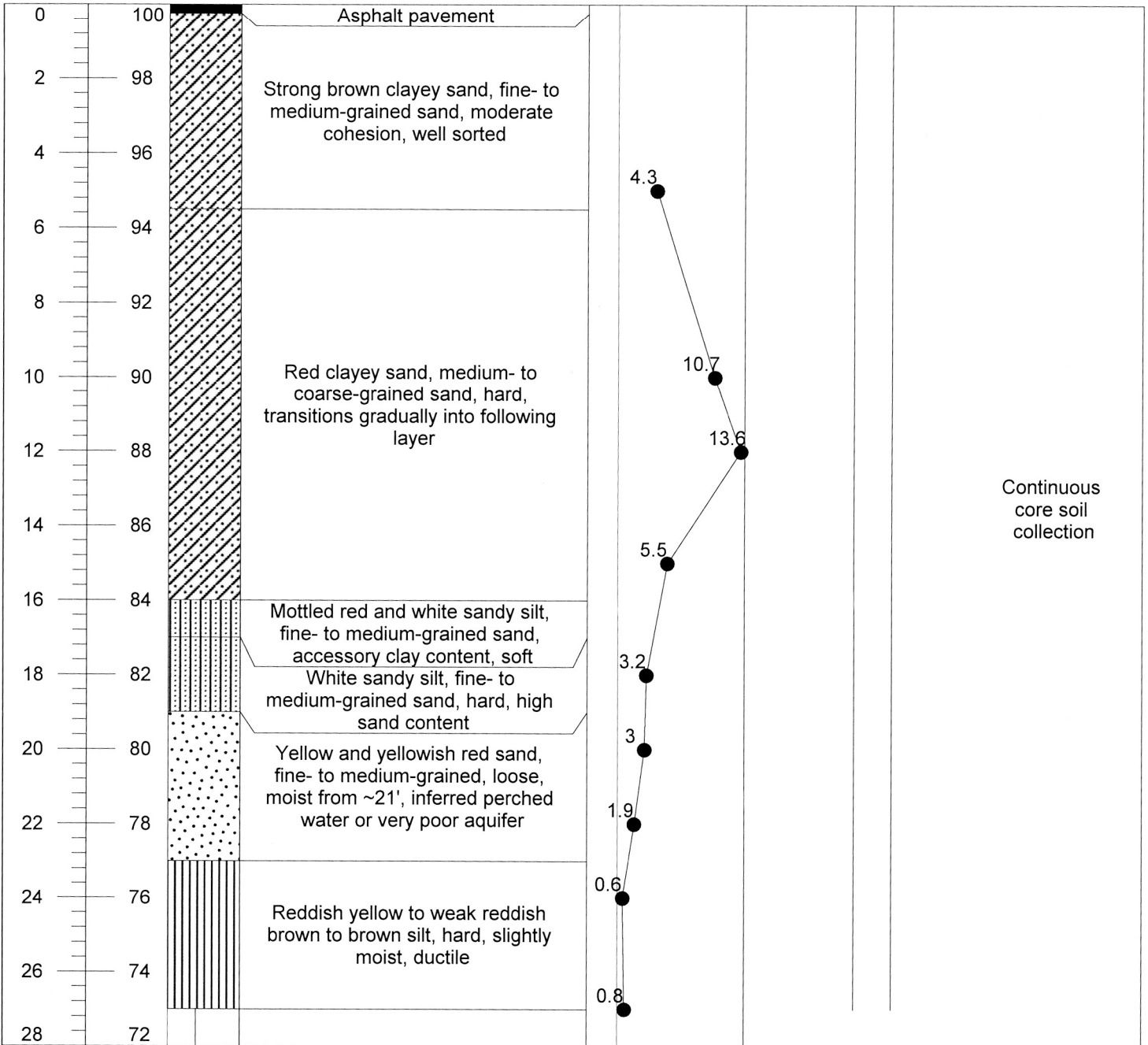
Location: Columbia, SC

Longitude: -81.015517°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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Continuous core soil collection

Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/04/23

Total Depth of Well: 27.0'

Client Name: SC DHEC

Latitude: 34.013121°

Casing Diameter: N/A"

Location: Columbia, SC

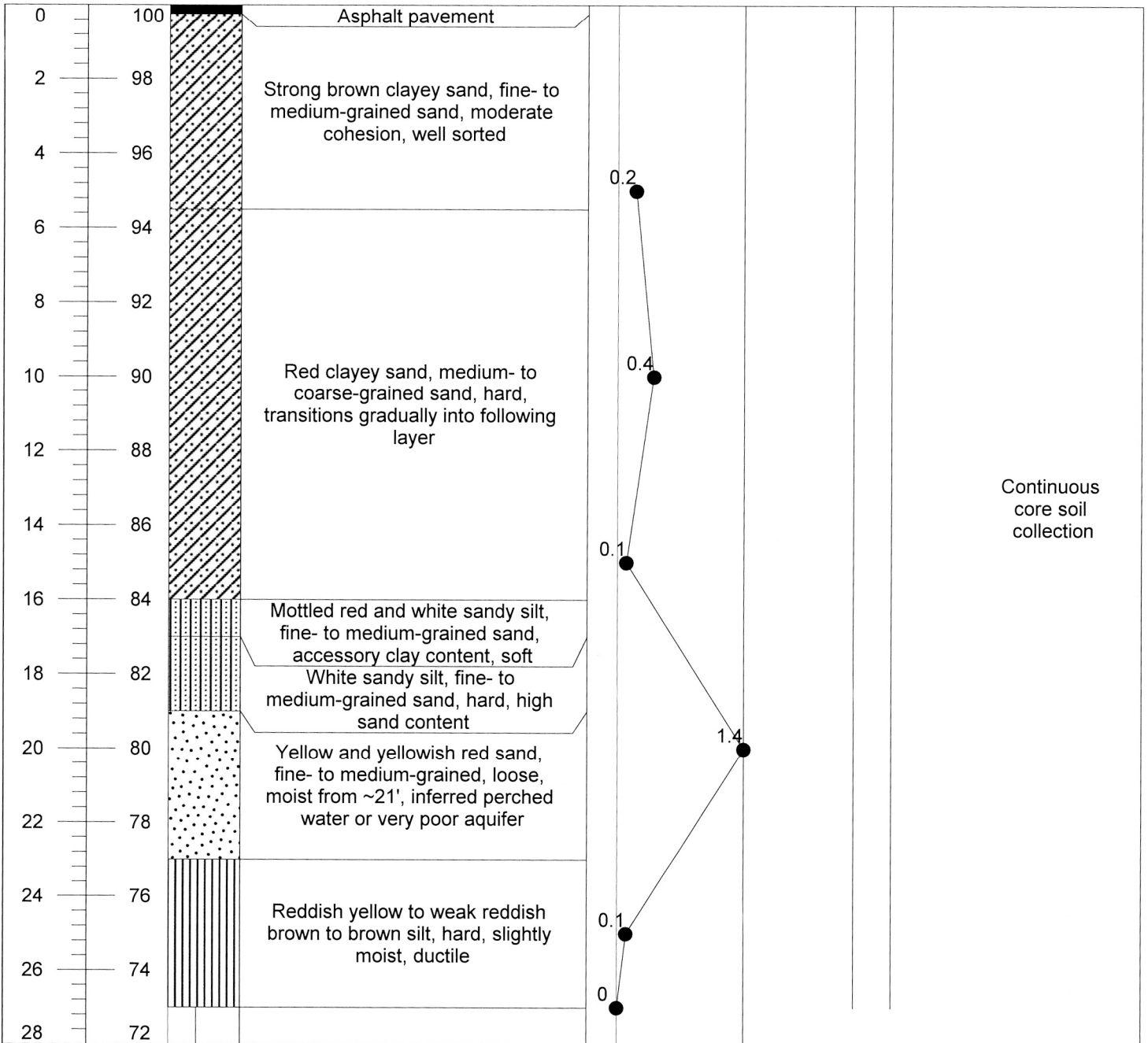
Longitude: -81.015517°

Depth to Water: N/A'



Borehole ID: SB-5

Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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Continuous core soil collection

Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/04/23

Total Depth of Well: 27.0'

Client Name: SC DHEC

Latitude: 34.013121°

Casing Diameter: N/A"

Location: Columbia, SC

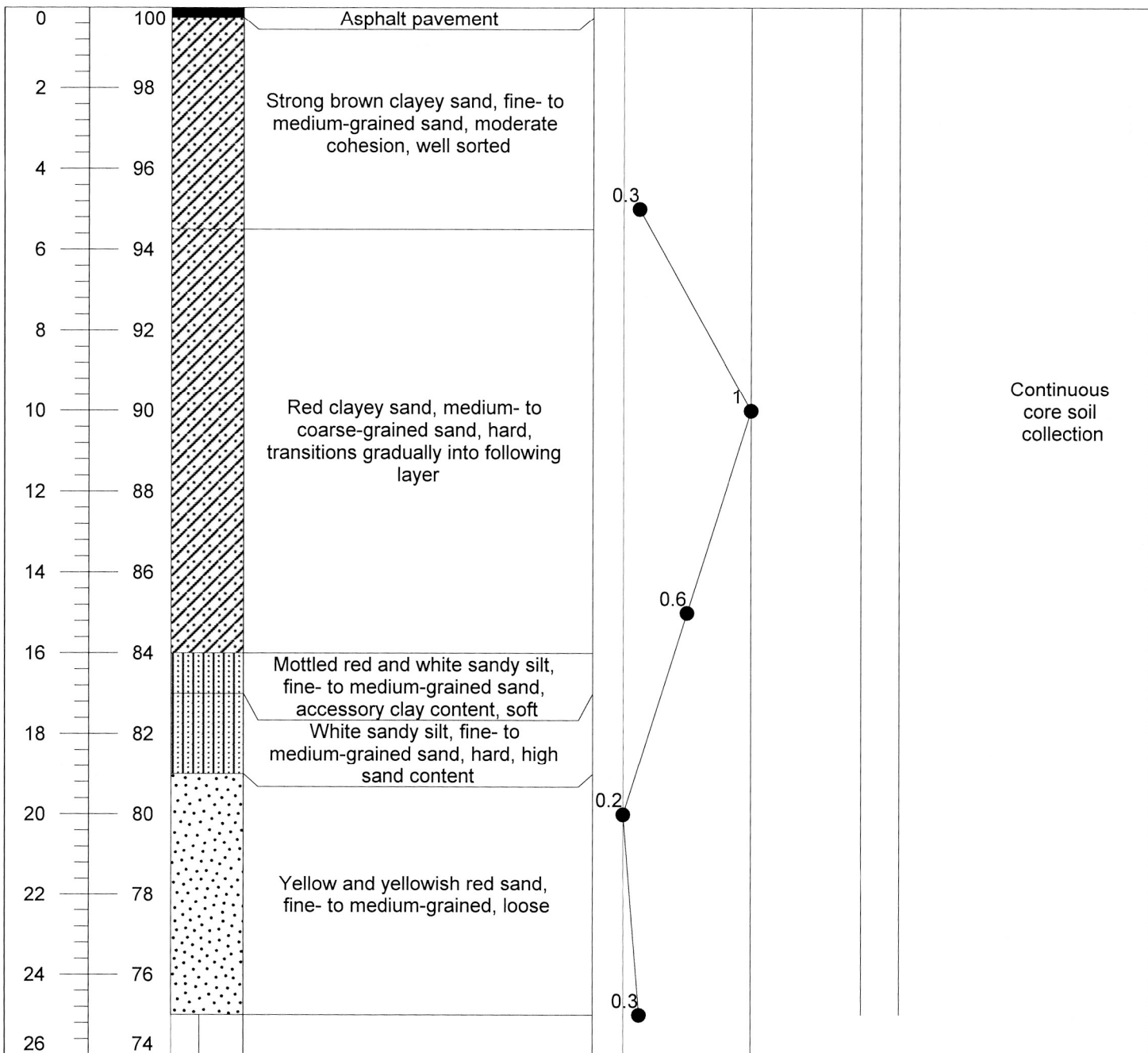
Longitude: -81.015517°

Depth to Water: N/A'



Borehole ID: SB-6

Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/04/23

Total Depth of Well: 20.0'

Client Name: SC DHEC

Latitude: 34.013121°

Casing Diameter: N/A"

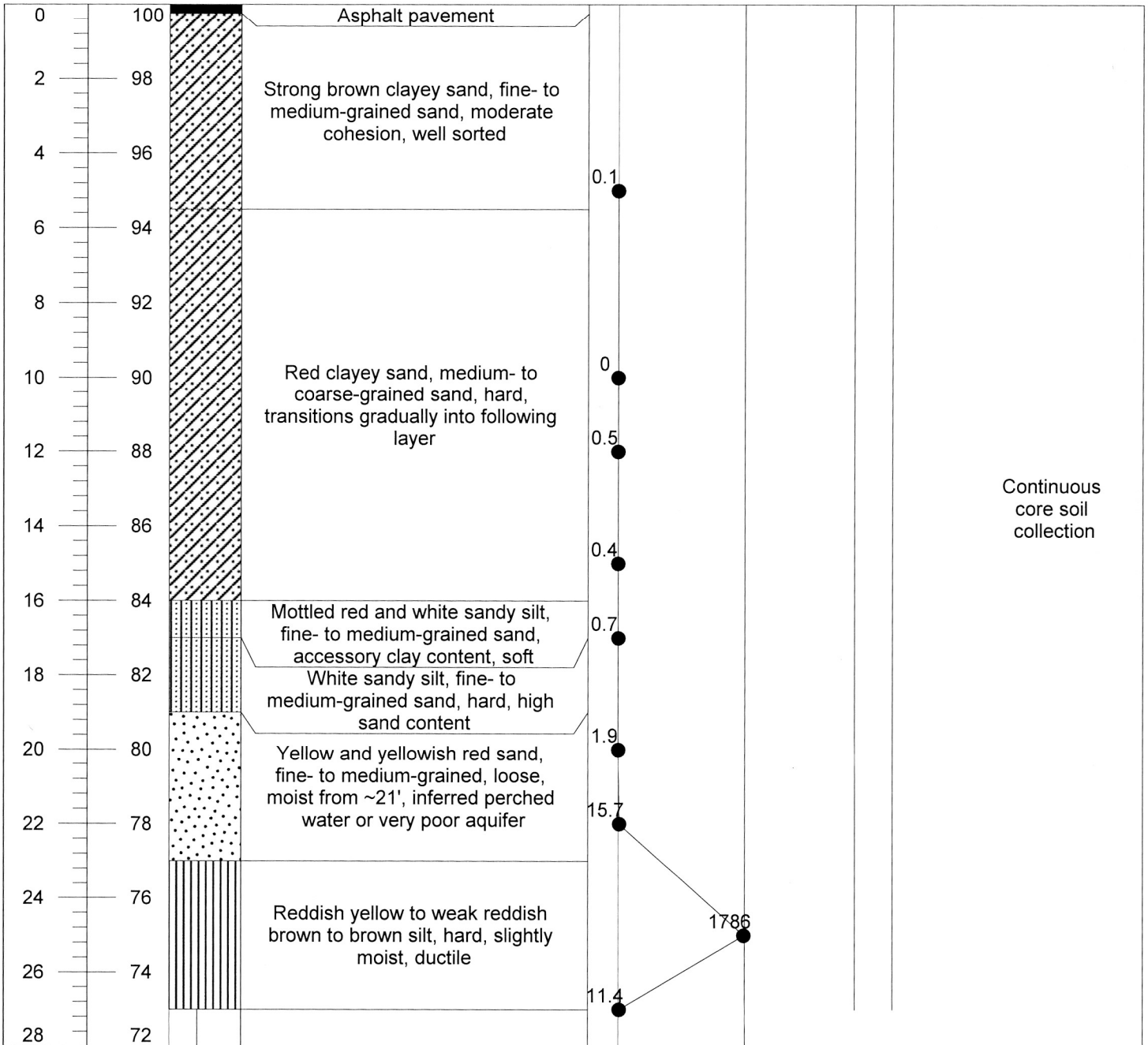
Location: Columbia, SC

Longitude: -81.015517°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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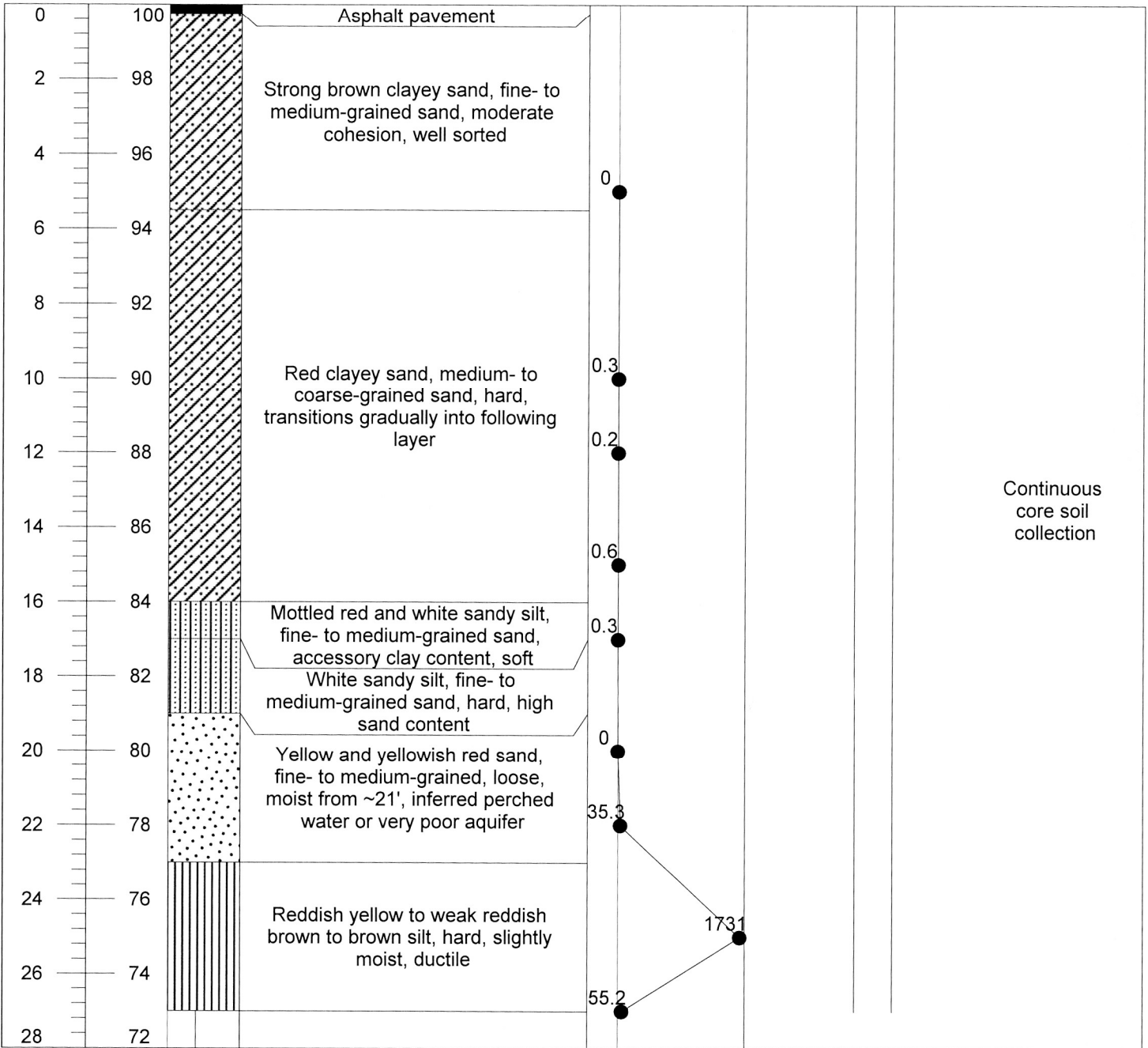


Project Name: Clouds Chevron / College Corner Drill Method: Direct push
 Project Number: 33-3010.1-23 Drill Date: 12/04/23
 Client Name: SC DHEC Latitude: 34.013121°
 Location: Columbia, SC Longitude: -81.015517°

Driller: William Walker, cert #2042B
 Total Depth of Well: 27.0'
 Casing Diameter: N/A"
 Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/05/23

Total Depth of Well: 27.0'

Client Name: SC DHEC

Latitude: 34.013121°

Casing Diameter: N/A"

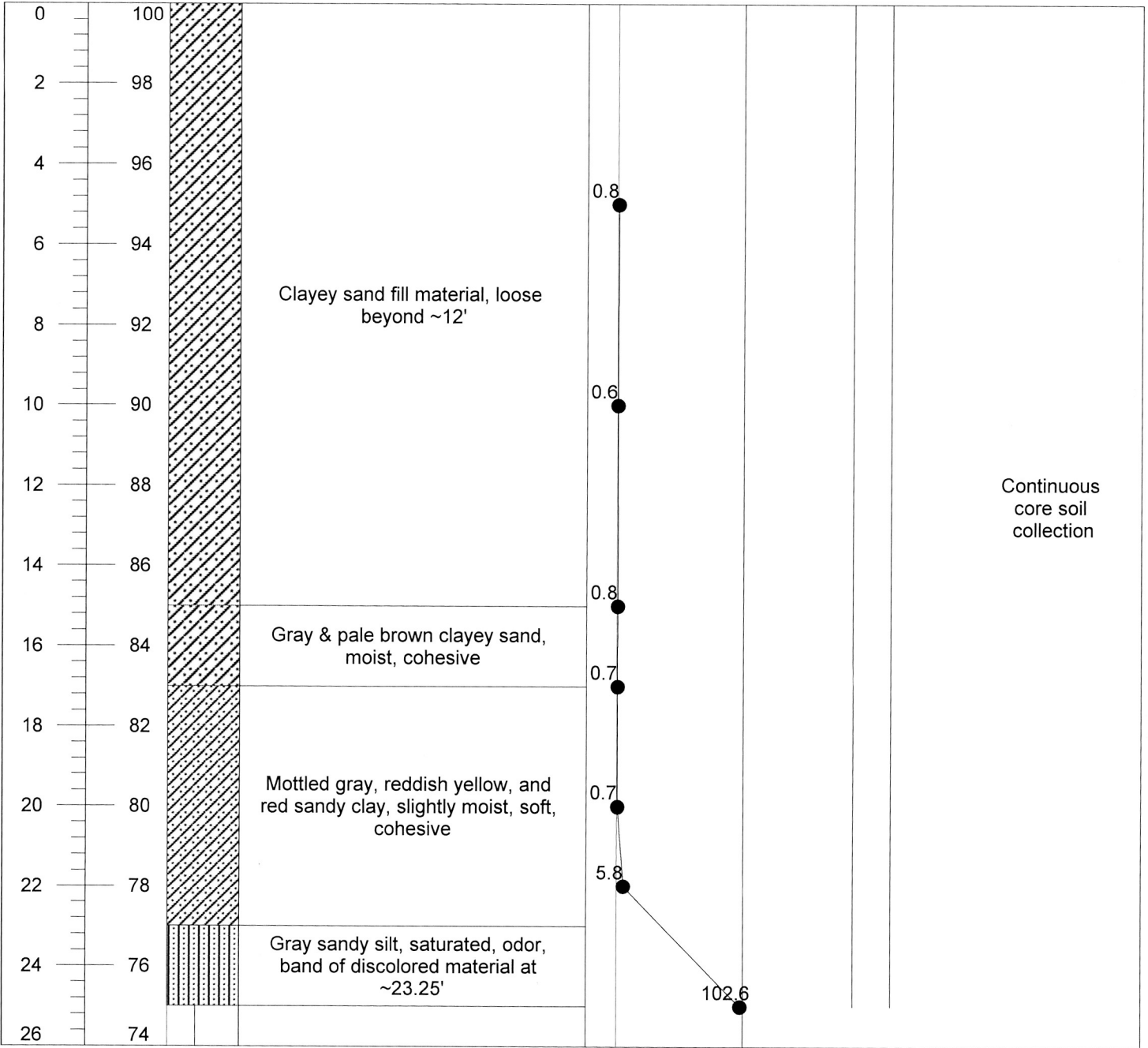
Location: Columbia, SC

Longitude: -81.015517°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/06/23

Total Depth of Well: 25.0'

Client Name: SC DHEC

Latitude: 34.012278°

Casing Diameter: N/A"

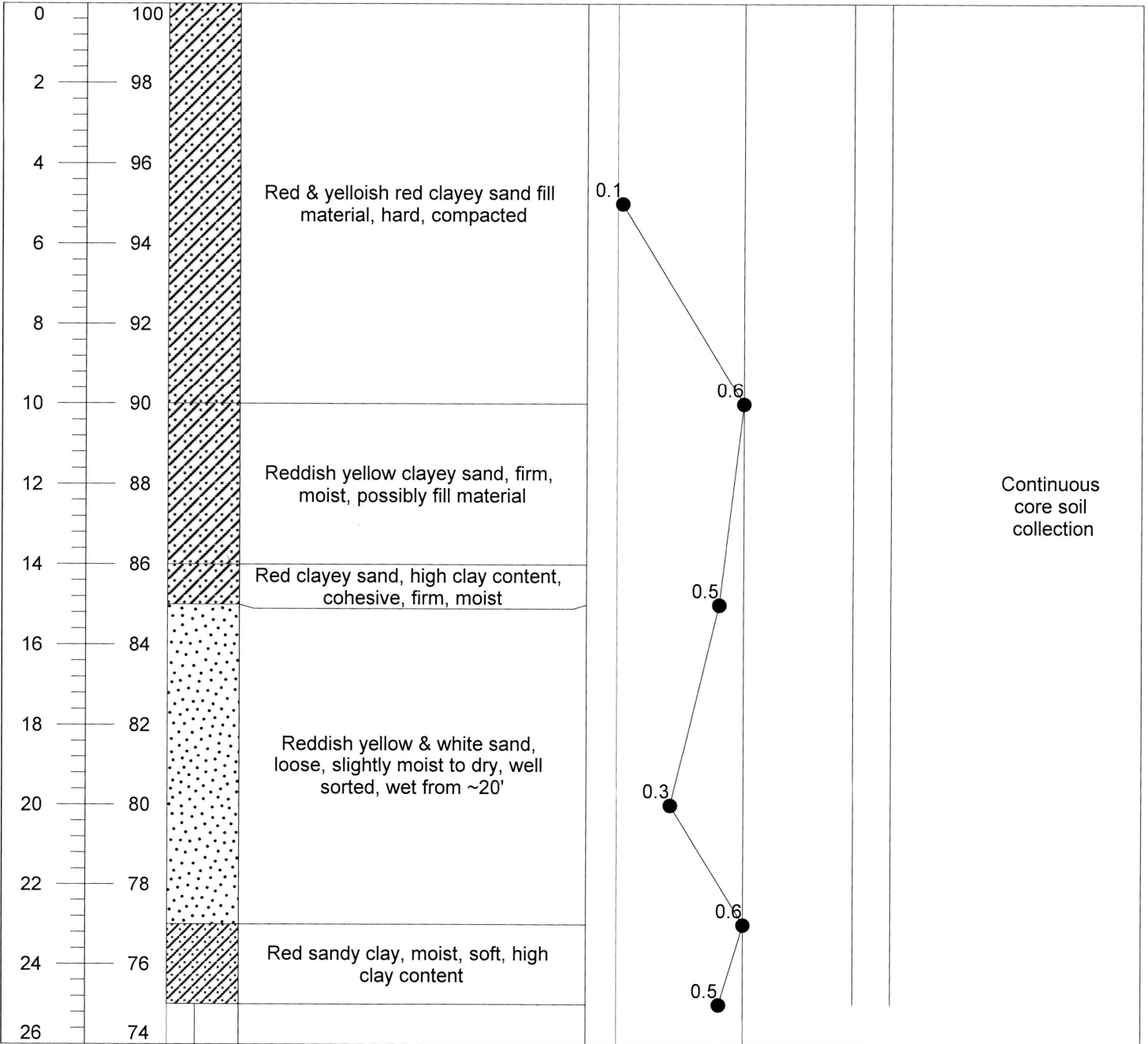
Location: Columbia, SC

Longitude: -81.014573°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs		Well Construction Diagram
				0.24	0.44	



Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/07/23

Total Depth of Well: 25.0'

Client Name: SC DHEC

Latitude: 34.012278°

Casing Diameter: N/A"

Location: Columbia, SC

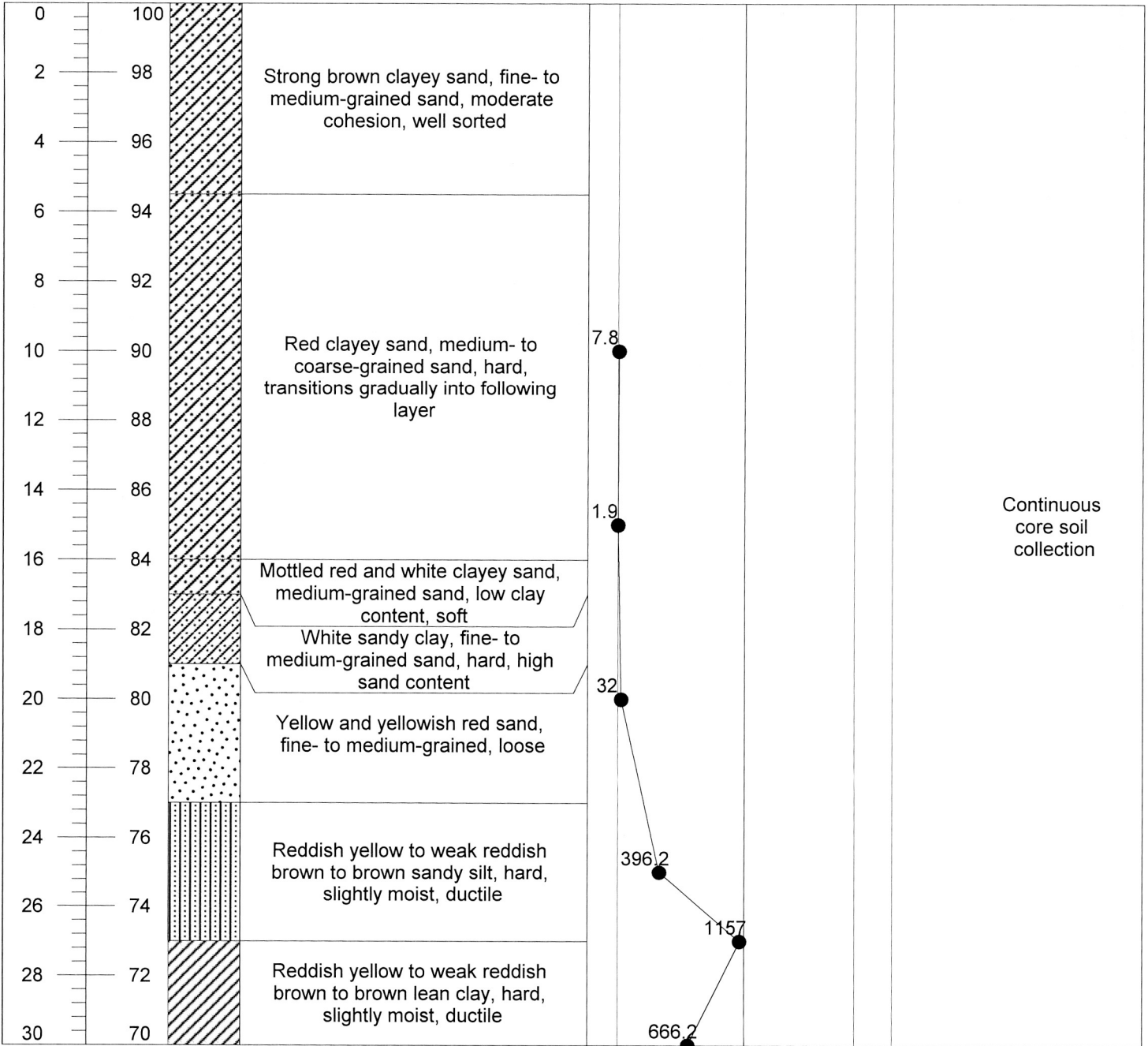
Longitude: -81.014573°

Depth to Water: N/A'



Borehole ID: SB-11

Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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Project Name: Clouds Chevron / College Corner	Drill Method: Direct push	Driller: William Walker, cert #2042B
Project Number: 33-3010.1-23	Drill Date: 12/07/23	Total Depth of Well: 30.0'
Client Name: SC DHEC	Latitude: 34.012278°	Casing Diameter: N/A"
Location: Columbia, SC	Longitude: -81.014573°	Depth to Water: N/A'



ARM
ENVIRONMENTAL SERVICES

Borehole ID: TMW-1

Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34	100 98 96 94 92 90 88 86 84 82 80 78 76 74 72 70 68 66				 <p>1.5" Steel rod</p> <p>1.5" Steel screenpoint sampler</p>
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Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/05/23

Total Depth of Well: 33.0'

Client Name: SC DHEC

Latitude: 34.013121°



Casing Diameter: 1.5"

Location: Columbia, SC

Longitude: -81.015517°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30	100 98 96 94 92 90 88 86 84 82 80 78 76 74 72 70				 <p>1.5" Steel rod</p> <p>1.5" Steel screenpoint sampler</p>

Project Name: Clouds Chevron / College Corner	Drill Method: Direct push	Driller: William Walker, cert #2042B
Project Number: 33-3010.1-23	Drill Date: 12/05/23	Total Depth of Well: 30.0'
Client Name: SC DHEC	Latitude: 34.012278°	Casing Diameter: 1.5"
Location: Columbia, SC	Longitude: -81.014573°	Depth to Water: N/A'



ARM
ENVIRONMENTAL SERVICES



Borehole ID: TMW-3

Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0 2 4 6 8 10 12 14 16 18 20 22 24	100 98 96 94 92 90 88 86 84 82 80 78 76				<p>1.5" Steel rod</p> <p>1.5" Steel screenpoint sampler</p>

Project Name: Clouds Chevron / College Corner Drill Method: Direct push
 Project Number: 33-3010.1-23 Drill Date: 12/05/23
 Client Name: SC DHEC Latitude: 34.012278°
 Location: Columbia, SC Longitude: -81.014573°

Driller: William Walker, cert #2042B
 Total Depth of Well: 23.0'
 Casing Diameter: 1.5"
 Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0 2 4 6 8 10 12 14 16 18 20 22 24	100 98 96 94 92 90 88 86 84 82 80 78 76				 <p>1.5" Steel rod</p> <p>1.5" Steel screenpoint sampler</p>

Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/05/23

Total Depth of Well: 23.0'

Client Name: SC DHEC

Latitude: 34.012278°



Casing Diameter: 1.5"

Location: Columbia, SC

Longitude: -81.014573°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0 2 4 6 8 10 12 14 16 18 20 22 24 26	100 98 96 94 92 90 88 86 84 82 80 78 76 74				 <p>1.5" Steel rod</p> <p>1.5" Steel screenpoint sampler</p>

Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/06/23

Total Depth of Well: 25.0'

Client Name: SC DHEC

Latitude: 34.012278°

Casing Diameter: 1.5"

Location: Columbia, SC

Longitude: -81.014573°

Depth to Water: N/A'



ARM
ENVIRONMENTAL SERVICES

Borehole ID: TMW-6

Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0	100			0 0.25 0.5 0.75 1	
2	98				
4	96				
6	94				
8	92				
10	90				
12	88				
14	86				1.5" Steel rod
16	84				
18	82				
20	80				
22	78				
24	76				
26	74				
28	72				1.5" Steel screenpoint sampler
30	70				

Project Name: Clouds Chevron / College Corner Drill Method: Direct push
 Project Number: 33-3010.1-23 Drill Date: 12/06/23
 Client Name: SC DHEC Latitude: 34.012278°
 Location: Columbia, SC Longitude: -81.014573°

Driller: William Walker, cert #2042B
 Total Depth of Well: 30.0'
 Casing Diameter: 1.5"
 Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8 8.5 9	100 99.5 99 98.5 98 97.5 97 96.5 96 95.5 95 94.5 94 93.5 93 92.5 92 91.5 91				<p>1.5" Steel rod</p> <p>1.5" Steel screenpoint sampler</p>

Project Name: Clouds Chevron / College Corner Drill Method: Direct push
 Project Number: 33-3010.1-23 Drill Date: 12/06/23
 Client Name: SC DHEC Latitude: 34.012278°
 Location: Columbia, SC Longitude: -81.014573°

Driller: William Walker, cert #2042B
 Total Depth of Well: 9.0'
 Casing Diameter: 1.5"
 Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0	100				
1	99				
2	98				
3	97				
4	96				
5	95				
6	94				
7	93				
8	92				
9	91				
10	90				
11	89				
12	88				
13	87				
14	86				

1.5" Steel rod

1.5" Steel screenpoint sampler

Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/06/23

Total Depth of Well: 14.0'

Client Name: SC DHEC

Latitude: 34.012278°

Casing Diameter: 1.5"

Location: Columbia, SC



Longitude: -81.014573°

Depth to Water: N/A'



ARM
ENVIRONMENTAL SERVICES



Borehole ID: TMW-9

Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0 2 4 6 8 10 12 14 16 18 20 22 24	100 98 96 94 92 90 88 86 84 82 80 78 76				 <p>1.5" Steel rod</p> <p>1.5" Steel screenpoint sampler</p>

Project Name: Clouds Chevron / College Corner Drill Method: Direct push
 Project Number: 33-3010.1-23 Drill Date: 12/06/23
 Client Name: SC DHEC Latitude: 34.012278°
 Location: Columbia, SC Longitude: -81.014573°

Driller: William Walker, cert #2042B
 Total Depth of Well: 23.0'
 Casing Diameter: 1.5"
 Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32	100 98 96 94 92 90 88 86 84 82 80 78 76 74 72 70 68				 <p>1.5" Steel rod</p> <p>1.5" Steel screenpoint sampler</p>

Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/07/23

Total Depth of Well: 32.0'

Client Name: SC DHEC

Latitude: 34.012278°



Casing Diameter: 1.5"

Location: Columbia, SC

Longitude: -81.014573°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28	100 98 96 94 92 90 88 86 84 82 80 78 76 74 72				 <p>1.5" Steel rod</p> <p>1.5" Steel screenpoint sampler</p>

Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/07/23

Total Depth of Well: 27.0'

Client Name: SC DHEC

Latitude: 34.012278°

Casing Diameter: 1.5"



Location: Columbia, SC

Longitude: -81.014573°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
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0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34	100 98 96 94 92 90 88 86 84 82 80 78 76 74 72 70 68 66				 <p>1.5" Steel rod</p> <p>1.5" Steel screenpoint sampler</p>
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Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/07/23

Total Depth of Well: 33.0'

Client Name: SC DHEC

Latitude: 34.012278°

Casing Diameter: 1.5"

Location: Columbia, SC

Longitude: -81.014573°

Depth to Water: N/A'



Depth	Elevation	Lithology	Lithology Description	VOCs	Well Construction Diagram
0	100				
2	98				
4	96				
6	94				
8	92				
10	90				
12	88				
14	86				
16	84				
18	82				
20	80				
22	78				
24	76				
26	74				
28	72				
30	70				

1.5" Steel rod

1.5" Steel screenpoint sampler

Project Name: Clouds Chevron / College Corner Drill Method: Direct push

Driller: William Walker, cert #2042B

Project Number: 33-3010.1-23

Drill Date: 12/07/23

Total Depth of Well: 29.0'

Client Name: SC DHEC

Latitude: 34.012278°

Casing Diameter: 1.5"

Location: Columbia, SC

Longitude: -81.014573°

Depth to Water: N/A'

APPENDIX E
1903 WELL COMPLETION LOGS

APPENDIX F
NOT INCLUDED

APPENDIX G
NOT INCLUDED

APPENDIX H
NOT INCLUDED

APPENDIX I
NOT INCLUDED

APPENDIX J
PROPERTY ACCESS DOCUMENTATION



June 13, 2023

Housing Authority of the City of Columbia
1917 Harden Street
Columbia, SC 29204

Re: Request for Access to Private Property
College Center
UST Permit #07584, 07777, & 12352
2377 Washington Street & 1410 Lyon Street, Columbia, South Carolina
Richland County Tax Map #R11411-04-48 & R11411-04-49

To Whom it May Concern;

The South Carolina Department of Health and Environmental Control (DHEC) has requested an Assessment on the College Center property (UST Permit #07584, 07777, & 12352) in Columbia, South Carolina. ARM Environmental Services, Inc. (ARM) has been contracted to conduct the assessment required by DHEC.

Multiple petroleum releases have been reported between UST Permit #07584, 07777, & 12352 since 1991. The responsible party for the release is SCDHEC.

ARM is requesting your permission to install temporary and/or permanent monitoring wells on your properties (**Richland County TMS #R11411-04-48 & R11411-04-49**) in order to evaluate the extents of the contaminant plume. Temporary monitoring wells are small in diameter, and will be abandoned after installation and sample collection, with surface finishing matching the surrounding area (i.e. concrete, asphalt).

When installed, the permanent monitoring wells will have manhole covers approximately eight inches in diameter and will be finished in concrete, flush with the ground surface. The manhole covers are much like a small underground utility manhole (i.e. water meter). The monitoring wells will be installed in such a way that will not interfere with vehicle or foot traffic. At such time that DHEC closes the release, the monitoring wells will be abandoned in accordance with State regulations and every effort will be made to return the property to its state prior to well installation.

The work required is being done under the direction of DHEC and is also being funded by the State of South Carolina in order to protect human health and the environment.

Request for Access to Private Property
Housing Authority of the City of Columbia
College Center (UST Permit #07584, 07777, & 12352)
Columbia, Richland County, South Carolina
Tax Map #R11411-04-48 & R11411-04-49

ARM is asking for your permission to access your properties for the purposes of monitoring well installation and the associated sampling activities. All efforts will be made to complete the installation activities in a manner to minimize any inconvenience to your business, including completing our assessment activities after business hours. Your permission for site access would be greatly appreciated and will help us to evaluate and monitor the area of groundwater pollution in a timely manner.

Please return the included Right of Entry form in the provided envelope.

We appreciate your assistance in this matter. If you should have any questions or need additional information, please do not hesitate to contact me at (803) 783-3314 or the DHEC project manager for the site, Mr. Matt Wykel, at (803) 898-7705.

Sincerely,
ARM Environmental Services, Inc.

Joseph Goings
Senior Hydrogeologist



RIGHT OF ENTRY
Monitoring Well Installation & Sampling

College Center
UST Permit #07584, 07777, & 12352
Taylor Street & Two Notch Road, Columbia, South Carolina

Subject: Housing Authority of the City of Columbia
1917 Harden Street
Columbia, SC 29204
2377 Washington Street & 1410 Lyon Street, Columbia, South Carolina
Richland County Tax Map #R11411-04-48 & R11411-04-49

ARM Environmental Services, Inc. (ARM) is currently completing an environmental assessment on behalf of the South Carolina Department of Health & Environmental Control (SCDHEC) to assess the extent of a petroleum release from the College Center site, underground storage tank (UST) permit #07584, 07777, & 12352. **As part of this assessment, ARM is requesting permission to access your property to install and sample monitoring wells in association with the petroleum release.** This assessment is being completed at no cost to you and a copy of the results will be provided to you upon completion. Most monitoring wells are intended to remain in place until the release is closed by SCDHEC and will require periodic sampling by ARM or another selected contractor.

Property Access Granted

Property Access Denied

843-810-5073 Phone

cherrera@columbiahousing.org
Email

LuCinda J. Herrera
Printed Name

LuCinda J. Herrera
Signature

June 21, 2023
Date

Comments:



WATER SUPPLY WELL SURVEY & REQUEST TO SAMPLE

College Center
UST Permit #07584, 07777, & 12352
Taylor Street & Two Notch Road, Columbia, South Carolina

Subject: Housing Authority of the City of Columbia
1917 Harden Street
Columbia, SC 29204
2377 Washington Street & 1410 Lyon Street, Columbia, South Carolina
Richland County Tax Map #R11411-04-48 & R11411-04-49

ARM Environmental Services, Inc. (ARM) is currently completing an environmental assessment on behalf of the South Carolina Department of Health & Environmental Control (SCDHEC) to assess the extent of a petroleum release from the College Center site, underground storage tank (UST) permit #07584, 07777, & 12352. As part of this assessment, ARM is conducting a water supply well survey of properties within a certain radius of the UST system.

Please complete the questions below to the best of your ability and return in the enclosed envelope.

- 1) What is the source of drinking water for the subject property?
[X] Municipal Water [] Water Supply Well [] Other
2) Is there a water supply well on the subject property? [] Yes [X] No
3) What is the well typically used for? [] Drinking [] Irrigation [] Not in Use

ARM requests your permission to sample your well for petroleum compounds at no cost to you. A copy of the results will be provided.

[X] Property Access Granted

[] Property Access Denied

843-810-5073 Phone
cherrera@columbiahousingsc.org Email

LuCinda J. Herrera
Printed Name

LuCinda J. Herrera
Signature

June 21, 2023
Date



March 24, 2023

SUBJECT: Letter of Introduction
Assessment of Releases from Permitted Underground Storage Tank Facilities

Dear Property Owner:

A release of petroleum products has occurred from the underground storage tanks located at the facility identified in the attached letter. The tank owner/operator of the facility has elected to allow the South Carolina Department of Health and Environmental Control (DHEC) to procure the services of a site rehabilitation contractor on their behalf to investigate the extent and severity of the release. DHEC has entered into a contract with ARM Environmental Services, Inc. (ARM) to conduct all necessary assessment activities. DHEC will pay costs for all necessary assessment activities at no cost to you or a future landowner.

During the course of the assessment, ARM may need to access the highway right-of-way and your property to collect needed soil and groundwater samples to determine the extent of the problem and any potential risk to human health and the environment. Should access to your property be requested, please provide approval in a timely fashion so any problems can be quickly identified and cleanup, if required, can be started in a timely fashion.

All work will be conducted in a professional manner and every effort will be made to minimize any disturbance to your property and any inconvenience to you. ARM is expected to discuss with you the proposed locations of any sample collection points or monitoring wells before doing any work on or near your property. The location of the wells or sampling points can be moved as needed based on your requests. Screening points consist of pushing rods or auguring small holes into the ground, collecting a soil and sometimes a groundwater sample, and immediately filling in the hole. Monitoring wells are a small diameter hole bored or drilled into the ground to collect groundwater samples. The wells will consist of a 2-foot by 2-foot, or smaller concrete pad finished flush with the ground and a small diameter manhole cover similar to a water meter. As soon as the assessment and any corrective action activities are completed, the well will be filled in and the well pad removed from any grassed area with no permanent effect to your property. A copy of the assessment report will be mailed or if you prefer e-mailed to your attention upon completion of this work.

Your cooperation is greatly appreciated. If you have any questions, please e-mail me at reillycm@dhec.sc.gov. You can fax me at (803) 898-0673 or contact me at (803) 898-3807.

Sincerely,

Caitlin Reilly, Hydrogeologist
Assessment & Non-Permitted Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

APPENDIX K
SCDHEC CONTRACTOR CHECKLIST

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Is UST Owner/Operator name, address, & phone number provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Is name, address, & phone number of current property owner provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Has the facility history been summarized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Has the regional geology and hydrogeology been described?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Are the receptor survey results provided as required?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	Has current use of the site and adjacent land been described?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Has the site-specific geology and hydrogeology been described?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Has the primary soil type been described?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Have field screening results been described?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Has a description of the soil sample collection and preservation been detailed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15	Has the field screening methodology and procedure been detailed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Has the monitoring well installation and development dates been provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Has the method of well development been detailed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
18	Has justification been provided for the locations of the monitoring wells?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Has the groundwater sampling methodology been detailed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Have the groundwater sampling dates and groundwater measurements been provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Has the purging methodology been detailed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
24	If free-product is present, has the thickness been provided?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
25	Does the report include a brief discussion of the assessment done and the results?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Does the report include a brief discussion of the aquifer evaluation and results?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
27	Does the report include a brief discussion of the fate & transport models used?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
31	Have recommendations for further action been provided and explained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
34	Has the current and historical laboratory data been provided in tabular format?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	Have the aquifer characteristics been provided and summarized on the appropriate form?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
37	Has the topographic map been provided with all required elements? (Figure 1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38	Has the site base map been provided with all required elements? (Figure 2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40	Has the site potentiometric map been provided? (Figure 5)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
41	Have the geologic cross-sections been provided? (Figure 6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
43	Has the site survey been provided and include all necessary elements? (Appendix A)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45	Is the laboratory performing the analyses properly certified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46	Has the tax map been included with all necessary elements? (Appendix C)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
47	Have the soil boring/field screening logs been provided? (Appendix D)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
50	Have the disposal manifests been provided? (Appendix G)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
51	Has a copy of the local zoning regulations been provided? (Appendix H)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
52	Has all fate and transport modeling been provided? (Appendix I)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



**State Lead Option
Adjacent Property Access Agreement for
Site Rehabilitation**

Only complete this form if: You are the legal owner of the property **OR** are the designated authorized representative for the legal owner of the property.

I certify that I am the legal owner of the property identified below or serve as the authorized representative for the legal owner of the property. I authorize the South Carolina Department of Health and Environmental Control (DHEC), or a contractor selected by DHEC, to enter this property at reasonable times only to conduct assessment and corrective action activities, as required. The contractor will be designated as the contractor for the UST owner or operator for only the required environmental site rehabilitation activities. I understand that the Agency will notify me of all activities that are necessary prior to their initiation and will promptly provide to me a summary of the data upon request.

UST Permit #	#07584, #07777, #12352	
Property Name (if applicable):		
Property Address:	R 11411-02-07 (1410 N. millwood)	
Property Phone Number:	803 - 553 - 0897	
Is property within city limits? (check yes/no)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Name of nearest intersecting street/road/highway:	N. Millwood / Forest Dr	
Does public water/sewer utility service this facility?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <i>No Buildings</i>
*If no, please provide a contact name/number that can assist in the location of private water and septic tank lines:		
Name: <i>No buildings</i>	Phone Number: - <i>No private</i>	
Is the property currently leased to someone?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
*If yes, notify them of the pending work scope, and please provide their name/contact number:		
Name: <i>N/A</i>	Phone Number: <i>N/A</i>	

Name of Property Owner (Print):	Team 1 Holding LLC	
Signature of Property Owner or authorized representative:	Jared Jensen <i>JW Jensen</i>	3-29-24 Date
Affiliation (if applicable)		
Signature of Witness	<i>James Nye</i>	3/29/24 Date

Contact Info		
Phone Numbers:	Home: 803 - 553 - 0897	Cell: 803 - 553 - 0897
Email Address:	yodyeem@yahoo.com	



**State Lead Option
Adjacent Property Access Agreement for
Site Rehabilitation**

Only complete this form if: You are the legal owner of the property **OR** are the designated authorized representative for the legal owner of the property.

I certify that I am the legal owner of the property identified below or serve as the authorized representative for the legal owner of the property. I authorize the South Carolina Department of Health and Environmental Control (DHEC), or a contractor selected by DHEC, to enter this property at reasonable times only to conduct assessment and corrective action activities, as required. The contractor will be designated as the contractor for the UST owner or operator for only the required environmental site rehabilitation activities. I understand that the Agency will notify me of all activities that are necessary prior to their initiation and will promptly provide to me a summary of the data upon request.

R-11411-02-07

UST Permit #		
Property Name (if applicable):		Suddeth Automotive
Property Address:		1410 N. Millwood Ave. Columbia SC 29204
Property Phone Number:		803-553-0897
Is property within city limits? (check yes/no)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Name of nearest intersecting street/road/highway:		N. Millwood / Washington Street
Does public water/sewer utility service this facility?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
*If no, please provide a contact name/number that can assist in the location of private water and septic tank lines:		
Name:		Phone Number:
Is the property currently leased to someone?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
*If yes, notify them of the pending work scope, and please provide their name/contact number:		
Name: Same Owner different		Phone Number: Company
Name of Property Owner (Print):		Team 1 Holding LLC
Signature of Property Owner or authorized representative:		Jared Jensen <i>[Signature]</i> 3-29-24 Date
Affiliation (if applicable)		
Signature of Witness		<i>[Signature]</i> 3/29/24 Date
Contact Info		
Phone Numbers:	Home: 803-553-0897	Cell: 803-553-0897
Email Address:	yodyeem@yahoo.com	



**State Lead Option
Adjacent Property Access Agreement for
Site Rehabilitation**

Only complete this form if: You are the legal owner of the property **OR** are the designated authorized representative for the legal owner of the property.

I certify that I am the legal owner of the property identified below or serve as the authorized representative for the legal owner of the property. I authorize the South Carolina Department of Health and Environmental Control (DHEC), or a contractor selected by DHEC, to enter this property at reasonable times only to conduct assessment and corrective action activities, as required. The contractor will be designated as the contractor for the UST owner or operator for only the required environmental site rehabilitation activities. I understand that the Agency will notify me of all activities that are necessary prior to their initiation and will promptly provide to me a summary of the data upon request.

UST Permit #	
Property Name (if applicable):	
Property Address:	R11411-02-04 1401 Ontario
Property Phone Number:	803-553-0897
Is property within city limits? (check yes/no)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Name of nearest intersecting street/road/highway:	Ontario / Forest Dr
Does public water/sewer utility service this facility?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
*If no, please provide a contact name/number that can assist in the location of private water and septic tank lines:	
Name: At lot Lot	Phone Number: No private
Is the property currently leased to someone?	Yes No
*If yes, notify them of the pending work scope, and please provide their name/contact number:	
Name: N/A	Phone Number: N/A
Name of Property Owner (Print):	Team 7 Holding LLC
Signature of Property Owner or authorized representative:	Jared Jensen for PHW 3-29-24 Date
Affiliation (if applicable)	
Signature of Witness	<i>[Signature]</i> 3/29/24 Date
Contact Info	
Phone Numbers:	Home: 803-553-0897 Cell: 803-553-0897
Email Address:	yodyeem@yahoo.com



RECEIVED

APR 25 2024

UST DIVISION



TRANSMITTAL COVER SHEET

TO: **Matt Wykel, Hydrogeologist**

COMPANY / AGENCY: **UST Program / Bureau of Land and Waste Management**

FROM: **Paul Myers**

RE: **College Corner / Cloud's Chevron
UST Permit #07777, #07584, #12352
Site-Specific Work Plan & Cost Proposal
Monitoring Well Installation & Surface Water Assessment**

DATE: **May 23, 2023**

TRANSMITTAL VIA: Standard US Mail Priority US Mail
 Electronic Delivery Hand Delivery

COMMENTS:

Enclosed you will find the Site-Specific Work Plan and Assessment Component Cost Proposal for the activities requested at the site.

Upon your approval of this SSWP and cost proposal, ARM personnel will initiate the assessment.

Please do not hesitate to give me a call if you have any questions or if further information is required.

Sincerely,
ARM Environmental Services, Inc.

**Paul Myers
Staff Geologist**

RECEIVED



Site-Specific Work Plan for Approved ACQAP Undergroud Storage Tank Management Division UST DIVISION

APR 25 2024

To: Matt Wykel (SCDHEC Project Manager)
From: Michael Faris (Contractor Project Manager)
Contractor: ARM Environmental Services, Inc. UST Contractor Certification Number: 4



Facility Name: Cloud's Chevron (#07777 / #12352) UST Permit #: College Corner (#07584)
Facility Address: Two Notch Road & Taylor Street, Columbia, SC
Responsible Party: Jack Lee & Alexander Lee / 3733 Greenbriar Drive, Columbia SC 2920 Phone: Acme Petroleum & Fuel Company
RP Address: Wallace Scott / 76 Whiteford Way, Lexington SC 29072 543 Cox Rd, Suite C, Gastonia, NC 28054
Property Owner (if different): Cloud's Chevron: Medical University Hospital Authority, 22 Westedge St, Charleston, SC 29403
Property Owner Address: College Corner: Fast Point Food Stores Inc., 2811 Reidville Rd, Suite 16, Spartanburg, SC 29301
Current Use of Property: Cloud's Chevron: Hospital parking lot // College Corner: Gas station & convenience store

Scope of Work (Please check all that apply)
[] IGWA [] Tier II [] Groundwater Sampling [] GAC
[] Tier I [x] Monitoring Well Installation [] Other

Analyses (Please check all that apply)
Groundwater/Surface Water:
[x] BTEXNMDCA (8260D) [] Lead [] BOD [] Methane
[] Oxygenates (8260D) [] 8 RCRA Metals [] Nitrate [] Ethanol
[] EDB (8011) [] TPH [] Sulfate [] Dissolved Iron
[] PAH (8270E) [] pH [] Other
Drinking Water Supply Wells:
[] BTEXNMDCA (524.2) [] Mecury (200.8 245.1 or 245.2) [] EDB (504.1)
[] Oxygenates & Ethanol (8260D) [] RCRA Metals (200.8)
Soil:
[x] BTEXNM [] Lead [] RCRA Metals [] TPH-DRO (3550B/8015B) [] Grain Size
[] PAH [] Oil & Grease (9071) [] TPH-GRO (5030B/8015B) [] TOC
Air:
[] BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)
1 Soil Water Supply Wells Air 1 Field Blank
Monitoring Wells 5 Surface Water 1 Duplicate 1 Trip Blank

Field Screening Methodology
Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
of shallow points proposed: 1 Estimated Footage: 5 feet per point
of deep points proposed: Estimated Footage: feet per point
Field Screening Methodology: A shallow soil sample will be collected from the stream bed, as marked on the map

Permanent Monitoring Wells
Estimate number and total completed depth for each well, and include their proposed locations on the attached map.
of shallow wells: 14 Estimated Footage: 35 feet per point
of deep wells: 1 Estimated Footage: 45 feet per point
of recovery wells: Estimated Footage: feet per point
Comments, if warranted: Well depth is expected to be highly variable based on proximity to surface water bodies. The final well footage will be adjusted such that shallow wells are completed to first water.

UST Permit #: Cloud's Chevron (#07777 / #12352) Facility Name: College Corner (#07584)

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 30 Field Work Completion: 100

Report Submittal: 120 # of Copies Provided to Property Owners: 15

Aquifer Characterization

Pump Test: Slug Test: (Check one and provide explanation below for choice)

Investigation Derived Waste Disposal

Soil: 15 Tons Purge Water: 100 Gallons

Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repared, well pads/bolts/caps to replace, details of AFVR event, etc.

2 equipment mobilizations are requested - if property access is achieved and lithology is favorable, work should be completed in 2-3 weeks. If scope of work takes 3 weeks, an additional equipment mobilization will be requested.

Only the surface water and stream sediment samples are currently proposed to be collected under this cost agreement. Future sampling events would be completed by ARM or by the Department's selected sampling contractor under a separate cover.

Per the request of the SC DHEC project manager, a comprehensive site survey of the entire project area has been proposed.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: _____

SCDHEC Certification Number: _____

Name of Laboratory Director: _____

Yes Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

Name of Well Driller: _____

SCLLR Certification Number: _____

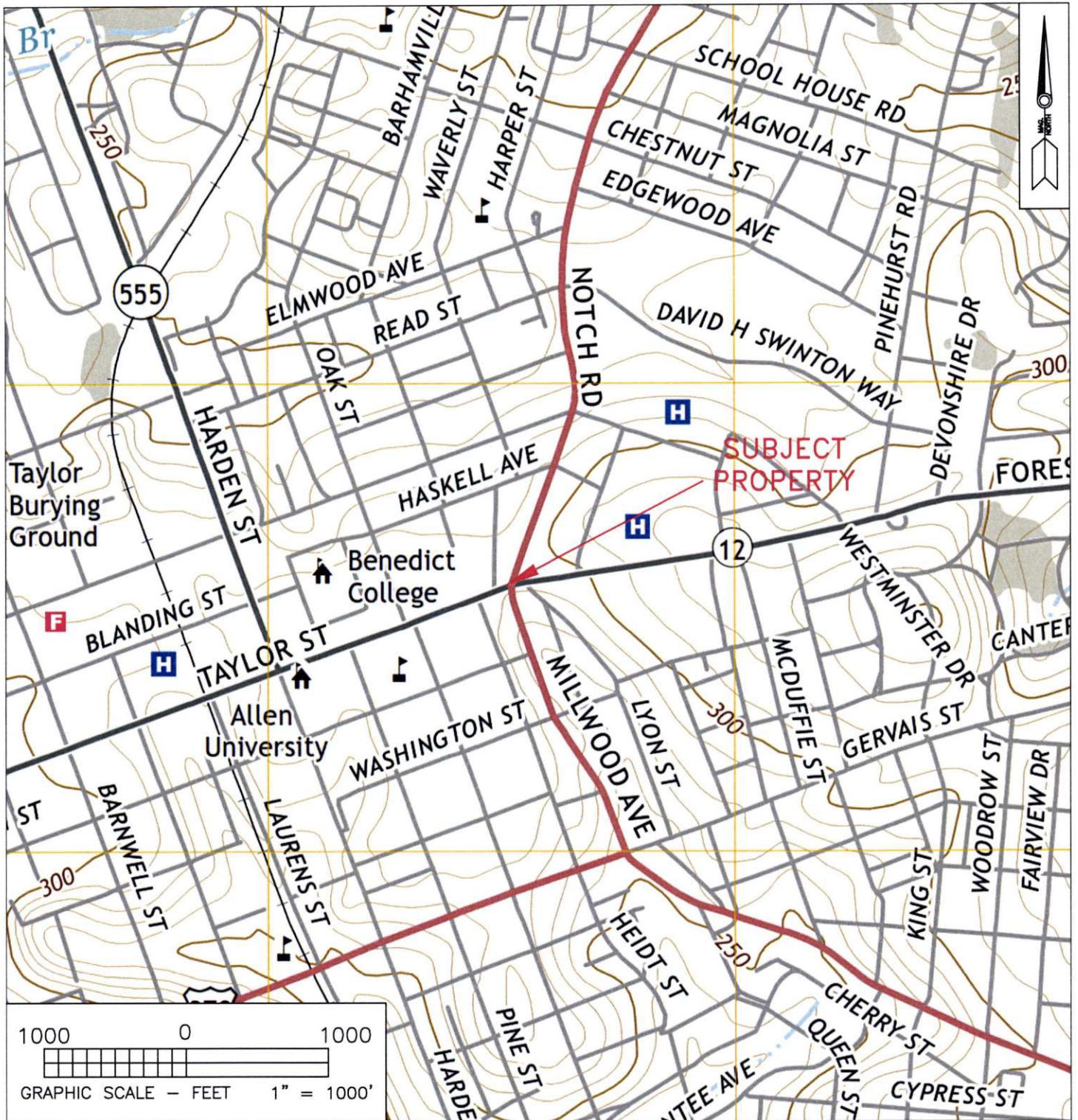
XXX Other variations from ACQAP. Please describe below.

ARM understands this scope of work is intended to provide data to the Department for future solicitation of Active Corrective Action. The requested scope of work is intended to provide delineation of the contaminant plume in the direction of identified surface water receptors and to identify potential preferential pathways that may be driving the movement of contaminants. This proposed scope of work is not intended to fully delineate the contaminant plume in all directions.

Attachments

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North Arrow	Proposed monitoring well locations
Location of property lines	Legend with facility name and address, UST permit number, and bar scale
Location of buildings	Streets or highways (indicate names and numbers)
Previous soil sampling locations	Location of all present and former ASTs and USTs
Previous monitoring well locations	Location of all potential receptors
Proposed soil boring locations	
3. Assessment Component Cost Agreement, SCDHEC Form D-3664



PROJECT:
 ADDITIONAL ASSESSMENT
 CLOUD'S CHEVRON / COLLEGE CORNER
 TWO NOTCH ROAD & TAYLOR STREET
 COLUMBIA, RICHLAND COUNTY, SC
 UST PERMIT #07777, #12352, #07584

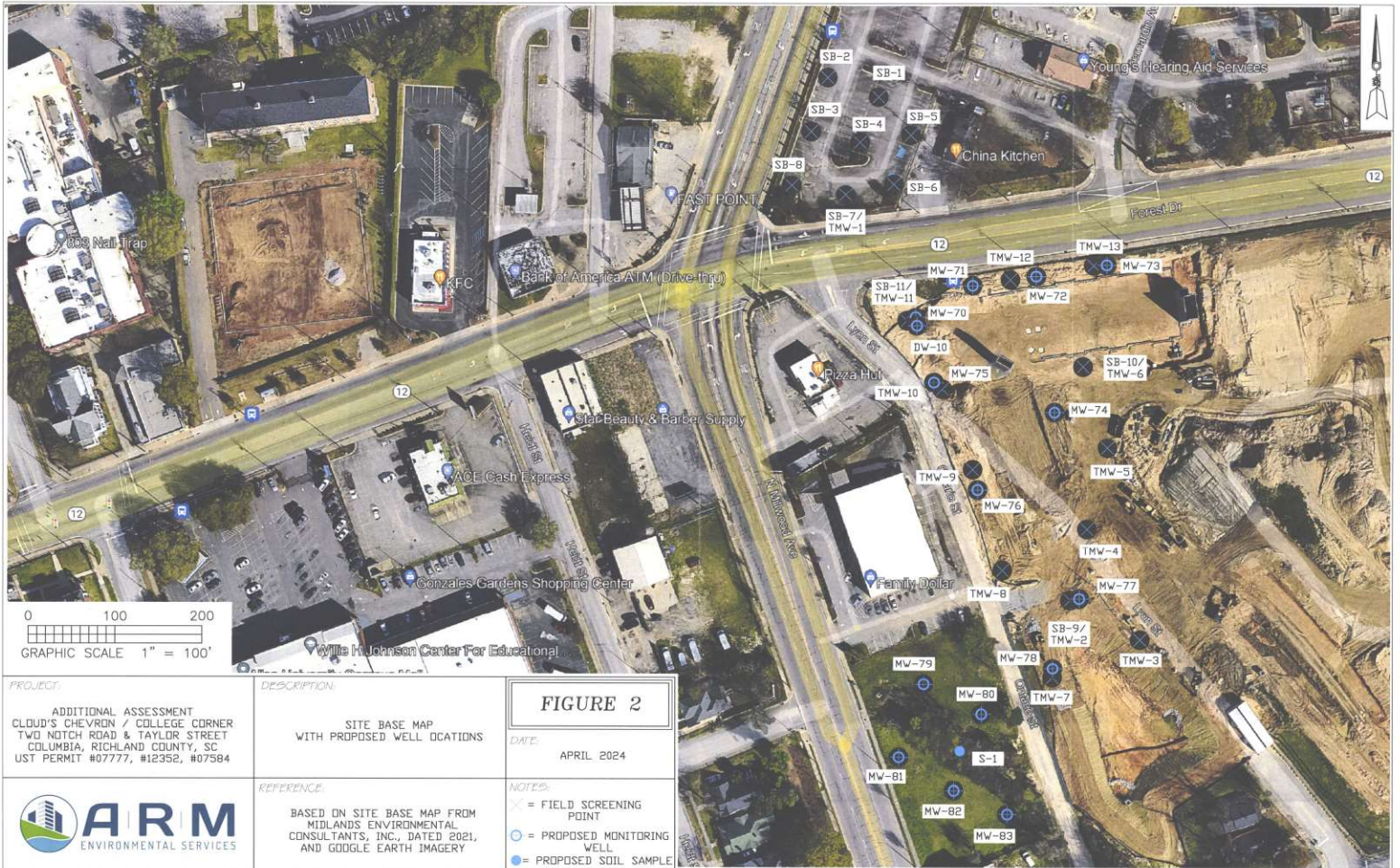
DESCRIPTION:
 SITE LOCATION MAP


FIGURE 1
 DATE:
 APRIL 2024



REFERENCE:
 U.S.G.S. TOPOGRAPHIC MAP
 (7.5 MINUTE SERIES)
 COLUMBIA NORTH - 2020
 SOUTH CAROLINA QUADRANGLE

LEGEND:



<p>PROJECT:</p> <p>ADDITIONAL ASSESSMENT CLOUD'S CHEVRON / COLLEGE CORNER TWO NOTCH ROAD & TAYLOR STREET COLUMBIA, RICHLAND COUNTY, SC UST PERMIT #07777, #12352, #07584</p>	<p>DESCRIPTION:</p> <p>SITE BASE MAP WITH PROPOSED WELL LOCATIONS</p>	<p align="center">FIGURE 2</p> <p>DATE:</p> <p align="center">APRIL 2024</p>
	<p>REFERENCE:</p> <p>BASED ON SITE BASE MAP FROM MIDLANDS ENVIRONMENTAL CONSULTANTS, INC., DATED 2021, AND GOOGLE EARTH IMAGERY</p>	<p>NOTES:</p> <ul style="list-style-type: none"> X = FIELD SCREENING POINT ○ = PROPOSED MONITORING WELL ● = PROPOSED SOIL SAMPLE



**ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA**

Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
PO#

Facility Name: College Corner / Cloud's Chevron

UST Permit #: 07777, 12352, 07584 Cost Agreement #: Pending

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
A. Plan Preparation				
1.1 Site-specific Work Plan	1	each	\$300.00	\$300.00
2.1 Tax Map		each	\$100.00	\$0.00
B. Receptor Survey *				
		each	\$750.00	\$0.00
C. Survey (500 X 500 feet)				
1.1 Comprehensive Survey	5	each	\$1,400.00	\$7,000.00
5. Ground Penetrating Radar Survey (GPR)	1	each	\$3,600.00	\$3,600.00
D. Mobilization/Demobilization				
1.1 Equipment Mobilization	2	each	\$1,350.00	\$2,700.00
2.1 Personnel Mobilization	3	each	\$600.00	\$1,800.00
3.1 Adverse Terrain Vehicle		each	\$1,275.00	\$0.00
E.. Soil Borings (hand auger)*				
		per foot	\$7.00	\$0.00
F. Soil Borings/Field Screening (requiring equipment, push technology, etc) or Field Screening (including sampling and analysis)				
1.1 Standard Soil Boring/Field Screening		per foot	\$20.00	\$0.00
2.1 Fractured Rock Screening		per foot	\$28.00	\$0.00
I. Well Installation (per foot includes costs associated with soil screening, lithology, development, pad and ID plate)				
1.1 Shallow monitoring wells installed using a hand auger		per foot	\$26.00	\$0.00
2.A Single-cased 2" Diameter Monitoring Well (0-50 ft)	525	per foot	\$46.50	\$24,412.50
2.1. Single-cased 2" Diameter Monitoring Well (>50 ft)		per foot	\$49.00	\$0.00
3.1 Telescoping		per foot	\$62.00	\$0.00
4.1 Rock Drilling		per foot	\$75.00	\$0.00
5.1 2" Rock Coring and Retrieval		per foot	\$48.00	\$0.00
6.1 Multi-sampling ports/screens		per foot	\$50.00	\$0.00
7.1 Recovery Well (4" diameter well)		each	\$55.00	\$0.00
9.1 Rotosonic Drilling (2" diameter well)		each	\$65.00	\$0.00
J. Sample Collection / Gauging Depth to Product or Groundwater				
1.1 Volumetric Groundwater Purge		per well	\$72.00	\$0.00
2.1 Air or Soil Vapor Sample		per receptor	\$125.00	\$0.00
3.1 Water Supply Sample		per well/receptor	\$40.00	\$0.00
4.1. HydraSleeve			\$65.00	\$0.00
4.2A No purge Groundwater Sample / Surface Water Sample	6	sample	\$36.00	\$216.00
5.1 Gauging Well Only		per well	\$10.00	\$0.00
6.1 Sample Below Product		sample	\$38.00	\$0.00
7.1 Passive Diffusion Bag		sample	\$35.00	\$0.00
8.1 Field Duplicates (MWs & WSWs) and Field Blank	1	each	\$36.00	\$36.00
9.1 Groundwater(Low-Flow Purge)		per well/receptor	\$118.00	\$0.00
10.1 Equipment Blank		each	\$25.00	\$0.00
11. Sample Product		sample	\$50.00	\$0.00

Facility Name: College Corner / Cloud's Chevron					
UST Permit #: 07777, 12352, 07584		Cost Agreement #: Pending			
K. Laboratory Analyses - Groundwater					
1.1 BTEXN, MTBE including Oxygenates and 1,2 DCA (8260D)	8	sample	\$148.00		\$1,184.00
2.1 Dissolved Lead (6010D or 6020B)		sample	\$25.00		\$0.00
3.1 BTEXN, MTBE Including Oxygenates and 1,2 DCA (8260D) RUSH		sample	\$181.00		\$0.00
4.1 Trimethyl, Butyl, and Isopropyl Benzenes (8260D)		sample	\$34.00		\$0.00
5.1 Polynuclear Aromatic Hydrocarbons (PAHs) (8070E)		sample	\$82.00		\$0.00
6.1 Total Lead (6010D or 6020B)		sample	\$27.00		\$0.00
7.1 EDB by 8011		sample	\$60.00		\$0.00
8.1 EDB by 8011 RUSH		sample	\$82.00		\$0.00
9.1 RCRA 8 Metals		sample	\$80.00		\$0.00
10.1 TPH - Oil and Grease (9070)		per sample	\$54.00		\$0.00
11.1 pH (Lab)		per sample	\$9.00		\$0.00
12.1 BOD		per sample	\$28.00		\$0.00
13.1 Ethanol - (8015)		per sample	\$22.00		\$0.00
K. Laboratory Analyses - Drinking Water (Water Supply Wells)					
14.1 BTEXN, MTBE including Oxygenates and 1,2 DCA (524.2)		sample	\$162.00		\$0.00
15.1 8-Oxygenates (8260D)		sample	\$110.00		\$0.00
16.1 EDB (504.1)		sample	\$98.00		\$0.00
17.1 RCRA 8 Metals		sample	\$125.00		\$0.00
K. Laboratory Analyses-Soil					
18.1 BTEXN (8260D)	1	sample	\$82.00		\$82.00
19.1 PAH's (8270E)		sample	\$82.00		\$0.00
20.1 RCRA 8 Metals		sample	\$80.00		\$0.00
21.1 TPH - DRO (3550C/8015C)		sample	\$50.00		\$0.00
22.1 TPH - GRO (5035B/8015C)		sample	\$50.00		\$0.00
23.1 Grain size/Hydrometer		sample	\$154.00		\$0.00
24.1 Total Organic Carbon		sample	\$45.00		\$0.00
K. Laboratory Analyses - Air					
25.1 BTEXN (TO-15)		sample	\$365.00		\$0.00
K. Hydrocarbon Fuel Identification					
27. C3 - C44 Whole Oil (ASTM D3328)		sample	\$490.00		\$0.00
28. Fuel Oxygenates (1624 Mod)		sample	\$463.00		\$0.00
29. ALKYL Leads, EDB MMT (8080)		sample	\$463.00		\$0.00
30. C8 - C40 Full Scan (ASTM 5739)		sample	\$695.00		\$0.00
31. Simulated Distillation (ASTM 2887)		sample	\$463.00		\$0.00
32. Parent & Alk. PAH Com. (8270 SIM)		sample	\$825.00		\$0.00
33. C3 - C10 Piano (8260 Mod)		sample	\$695.00		\$0.00
34. C10+ Alkane Fingerprint (ASTM 3328)		sample	\$695.00		\$0.00
35. Expert Data Interpretation & Report		sample	\$720.00		\$0.00
L. Aquifer Characterization*					
2.1 Slug Test		per test	\$310.00		\$0.00
3.1 Fractured Rock		per test	\$190.00		\$0.00
M. Free Product Recovery Rate Test*					
		each	\$100.00		\$0.00
P. Subsequent Survey*					
		each	\$300.00		\$0.00

Facility Name: College Corner / Cloud's Chevron					
UST Permit #: 07777, 12352, 07584		Cost Agreement #: Pending			
Q. Disposal					
1. Wastewater (per gallon)	100	gallon	\$0.66		\$66.00
2. Free Product (per gallon)		gallon	\$0.68		\$0.00
3. Soil Treatment/Disposal (per ton)	15	ton	\$82.00		\$1,230.00
4. Drilling fluids (per gallon)		gallon	\$0.70		\$0.00
Y. Well Repair					
1.1 Additional Copies of Report		each	\$70.00		\$0.00
5.1 Replace well cover bolts		each	\$5.00		\$0.00
6.1 Replace locking well cap & lock		each	\$23.00		\$0.00
10.1 Replace missing/illegible well ID plate		each	\$25.00		\$0.00
S. Report Preparation/Project Coordination					
	15%	percent	\$42,626.50		\$6,393.98
TOTAL					\$49,020.48

Tier II Contract 03-2023



07777-2274
12352-1584

APR 26 2024

MICHAEL FARIS
ARM ENVIRONMENTAL SERVICES INC
1210 1ST STREET S EXTENSION
COLUMBIA SC 29209



Re: **Notice to Proceed for Tier II Assessment**
College Corner, 2367 Taylor St., Columbia, SC
UST Permit #07584; Cost Agreement #68615 and #68616; MWA # UMW-29782
Clouds Chevron. 1600 Two Notch Road, Columbia, SC
UST Permits #07777 and 12352; Cost Agreement #68617 and #68618
Solicitation #IFB-5400024540; Purchase Order #4600938573
Site-Specific Work Plan and cost proposal received April 22, 2024
Richland County

Dear Mr. Faris:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the Site-Specific Work Plan and cost proposal for the referenced site. Assessment activities should begin immediately upon receipt of this letter.

Cost agreement numbers provided above has been approved in the amount shown on the enclosed cost agreements and will be kept on file so that compensation can begin. **DHEC reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with the referenced Invitation for Bid (IFB).** Further, the DHEC reserves the right to question and/or reject costs if deemed unreasonable. The DHEC reserves the right to audit project records at any time during the project or after completion of the work. **The Tier II Assessment Report (1 hard copy, 1 electronic copy, 1 copy to each property owner who has a well on their property), QAPP checklist (Appendix K), and invoice should be submitted within 120 days from the date of this correspondence.**

ARM Environmental Services, Inc. can submit an invoice for direct billing from the State Underground Petroleum Environmental Response Bank (SUPERB) Account. Future invoices and/or other criteria included therein must comply with current SUPERB criteria per Section 44-2-20(2). Please reference the approved cost agreement number on all pertinent invoices and correspondence.

Please note that Sections 44-2-110(4) and 44-2-130(B) of the SUPERB Statute state that no costs will be allowed (considered for payment) unless prior approval from DHEC is obtained. If for any reason there is a change in this cost agreement, any associated changes must be pre-approved in writing by DHEC in order for ARM Environmental Services, Inc., to seek future cost compensation. Any temporary well converted to a permanent well will be reimbursed at the permanent well installation rate.

In accordance with section B of the current version of Quality Assurance Program Plan for the UST Management Division (QAPP), if the time interval between collection of groundwater samples from the permanent monitoring well network and receipt of the report and exceeds 60 days, the contractor will submit an updated comprehensive groundwater sampling report to include blank and duplicate samples for all wells and surface water at no additional cost. DHEC reserves the right to deny payment for laboratory analyses if the detection limit exceeds the reporting limit in Appendix F of the QAPP for the UST Division. As agreed to in the referenced contract, the owner/operator and property owner of the referenced facility will not be responsible for any costs associated with this assessment.

Monitoring well approval for up to sixteen wells is enclosed for your records. Please note that all applicable South Carolina certification requirements regarding laboratory analyses, well installation, and report preparation must be met.

DHEC grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. The Division suggests a roll off container be used for disposal. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than thirty (30) days. A legible copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the chemical of concern (CoC) concentrations, based on laboratory analysis, are below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater in a location acceptable to the property owner. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST permit numbers and Cost Agreement number listed above. If you have questions concerning this correspondence, or would like to submit additional information, please contact me at (803) 898-7705, fax me at (803) 898-0673, or e-mail me at wykeljm@dhec.sc.gov.

Sincerely,



Matt Wykel, Hydrogeologist
Assessment & Non-Permitted Petroleum Section
Underground Storage Tank Management Division
Bureau of Land & Waste Management

enc: Approved Cost Agreement
Monitoring Well Approval

cc: Jeymaris Sample-Hilerio, UST Management Division (w/ enc.)

Team 1 Holding, LLC., 100 Columbia Club Dr. W., SC 29016 (w/o enc.)
Columbia Housing Authority, 1917 Harden St., Columbia, SC 29204
Medical University Hospital Authority, 1 Poston Rd., STE 350, Charleston, SC 29407
UST Division - Jeymie Sample-Hilerio (w/enc.)
Technical File (w/ enc.)



Monitoring Well Approval

Approval is granted to: ARM

On behalf of: ACME Petroleum & Food Company

Facility: College Corner, 2367 Taylor St., Columbia, SC

UST Permit: #07584

County: Richland

This approval is for the installation of 15 permanent Monitoring Wells and 1 Temporary boring. The monitoring wells are to be installed in the approved locations. Monitoring wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
3. A Water Well Record Form or other form provided or approved by the UST Division shall be completed and submitted to the UST Division within 30 days after well completion or abandonment unless another schedule has been approved by the UST Division. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
4. All analytical data and water levels obtained from each monitoring well shall be submitted to the UST Division within 30 days of receipt of laboratory results unless another schedule has been approved by the UST Division as required by R.61-71.H.1.d.
5. If any of the information provided to the UST Division changes, notification to Matt Wykel, the project manager (phone: (803) 898-7705 or email: wykeljm@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.
6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.
7. UST Division approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated May 27, 2016. A copy of this approval should be on the site during well installation.

Date of Issuance: April 23, 2024

Approval #: UMW-29782

A handwritten signature in black ink, appearing to read "Matt Wykel", is written over a light blue horizontal line.

Matt Wykel, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Approved Cost Agreement

68617

Facility: 07777 CLOUDS CHEVRON

WYKELJM

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A	PLAN PREPARATION	1.1 SITE SPECIFIC WORK PLAN	0.2500	\$300.000	75.00
C	SURVEY	1.1 COMPREHENSIVE SURVEY	1.2500	\$1,400.000	1,750.00
		5 GROUND PENET. RADAR (100 X100)	0.2500	\$3,600.000	900.00
D	MOB/DEMOB	1.1 EQUIPMENT	0.5000	\$1,350.000	675.00
		2.1 PERSONNEL	0.7500	\$600.000	450.00
I	WELL INSTALLATION	2.A WATER TABLE DRILL RIG 2" DIA	131.2500	\$46.500	6,103.13
J	SAMPLE COLLECTION	4.2A NO-PURGE GW SAMPLE/SURFACE	1.5000	\$36.000	54.00
		8.1 FIELD DUPL. (MWS & WWS) & FB	0.2500	\$36.000	9.00
K	ANALYSES				
	GW GROUNDWATER	1.1 BTEXNM+OXYGS+1,2 DCA+ETH-8260D	2.0000	\$148.000	296.00
	SOIL SOIL	18.1 BTEX+NAPHTHALENE	0.2500	\$82.000	20.50
Q	DISPOSAL	1 WASTEWATER	25.0000	\$0.660	16.50
		3 SOIL TREATMENT DISPOSAL	3.7500	\$82.000	307.50
S	REPORT PROJECT MANAGEMENT	S REPORT PREP & PROJ. MANAGEMENT	0.1500	\$10,656.630	1,598.49
Total Amount					12,255.12

Approved Cost Agreement

68616

Facility: 07584 COLLEGE CORNER

WYKELJM

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1.1 SITE SPECIFIC WORK PLAN	0.2500	\$300.000	75.00
C SURVEY		1.1 COMPREHENSIVE SURVEY	1.2500	\$1,400.000	1,750.00
		5 GROUND PENET. RADAR (100 X100)	0.2500	\$3,600.000	900.00
D MOB/DEMOB		1.1 EQUIPMENT	0.5000	\$1,350.000	675.00
		2.1 PERSONNEL	0.7500	\$600.000	450.00
I WELL INSTALLATION		2.A WATER TABLE DRILL RIG 2" DIA	131.2500	\$46.500	6,103.13
J SAMPLE COLLECTION		4.2A NO-PURGE GW SAMPLE/SURFACE	1.5000	\$36.000	54.00
		8.1 FIELD DUPL. (MWS & WSWS) & FB	0.2500	\$36.000	9.00
K ANALYSES					
	GW GROUNDWATER	1.1 BTEXNM+OXYGS+1,2 DCA+ETH-8260D	2.0000	\$148.000	296.00
	SOIL SOIL	18.1 BTEX+NAPHTHALENE	0.2500	\$82.000	20.50
Q DISPOSAL		1 WASTEWATER	25.0000	\$0.660	16.50
		3 SOIL TREATMENT DISPOSAL	3.7500	\$82.000	307.50
S REPORT PROJECT MANAGEMENT		S REPORT PREP & PROJ. MANAGEMENT	0.1500	\$10,656.630	1,598.49
				Total Amount	12,255.12

Approved Cost Agreement

68615

Facility: 07584 COLLEGE CORNER

WYKELJM

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1.1 SITE SPECIFIC WORK PLAN	0.2500	\$300.000	75.00
C SURVEY		1.1 COMPREHENSIVE SURVEY	1.2500	\$1,400.000	1,750.00
		5 GROUND PENET. RADAR (100 X100)	0.2500	\$3,600.000	900.00
D MOB/DEMOB		1.1 EQUIPMENT	0.5000	\$1,350.000	675.00
		2.1 PERSONNEL	0.7500	\$600.000	450.00
I WELL INSTALLATION		2.A WATER TABLE DRILL RIG 2" DIA	131.2500	\$46.500	6,103.13
J SAMPLE COLLECTION		4.2A NO-PURGE GW SAMPLE/SURFACE	1.5000	\$36.000	54.00
		8.1 FIELD DUPL. (MWS & WSWS) & FB	0.2500	\$36.000	9.00
K ANALYSES					
	GW GROUNDWATER	1.1 BTEXNM+OXYGS+1,2 DCA+ETH-8260D	2.0000	\$148.000	296.00
	SOIL SOIL	18.1 BTEX+NAPHTHALENE	0.2500	\$82.000	20.50
Q DISPOSAL		1 WASTEWATER	25.0000	\$0.660	16.50
		3 SOIL TREATMENT DISPOSAL	3.7500	\$82.000	307.50
S REPORT PROJECT MANAGEMENT		S REPORT PREP & PROJ. MANAGEMENT	0.1500	\$10,656.630	1,598.49
Total Amount					12,255.12

Approved Cost Agreement

68618

Facility: 12352 CLOUDS CHEVRON

WYKELJM

PO Number:

<u>Task/Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1.1 SITE SPECIFIC WORK PLAN	0.2500	\$300.000	75.00
C SURVEY		1.1 COMPREHENSIVE SURVEY	1.2500	\$1,400.000	1,750.00
		5 GROUND PENET. RADAR (100 X100)	0.2500	\$3,600.000	900.00
D MOB/DEMOB		1.1 EQUIPMENT	0.5000	\$1,350.000	675.00
		2.1 PERSONNEL	0.7500	\$600.000	450.00
I WELL INSTALLATION		2.A WATER TABLE DRILL RIG 2" DIA	131.2500	\$46.500	6,103.13
J SAMPLE COLLECTION		4.2A NO-PURGE GW SAMPLE/SURFACE	1.5000	\$36.000	54.00
		8.1 FIELD DUPL. (MWS & WWS) & FB	0.2500	\$36.000	9.00
K ANALYSES					
	GW GROUNDWATER	1.1 BTEXNM+OXYGS+1,2 DCA+ETH-8260D	2.0000	\$148.000	296.00
	SOIL SOIL	18.1 BTEX+NAPHTHALENE	0.2500	\$82.000	20.50
Q DISPOSAL		1 WASTEWATER	25.0000	\$0.660	16.50
		3 SOIL TREATMENT DISPOSAL	3.7500	\$82.000	307.50
S REPORT PROJECT MANAGEMENT		S REPORT PREP & PROJ. MANAGEMENT	0.1500	\$10,656.630	1,598.49
Total Amount					12,255.12

Math



**State Lead Option
Adjacent Property Access Agreement for
Site Rehabilitation**

Only complete this form if: You are the legal owner of the property **OR** are the designated authorized representative for the legal owner of the property.

I certify that I am the legal owner of the property identified below or serve as the authorized representative for the legal owner of the property. I authorize the South Carolina Department of Health and Environmental Control (DHEC), or a contractor selected by DHEC, to enter this property at reasonable times only to conduct assessment and corrective action activities, as required. The contractor will be designated as the contractor for the UST owner or operator for only the required environmental site rehabilitation activities. I understand that the Agency will notify me of all activities that are necessary prior to their initiation and will promptly provide to me a summary of the data upon request.

RECEIVED

UST Permit #	07777,07584,12352		
Property Name (if applicable):	Multiple Benedict College parcels	JUN 24 2024	
Property Address:	Properties listed on attached page.	UST DIVISION	
Property Phone Number:			
Is property within city limits? (check yes/no)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Name of nearest intersecting street/road/highway:			
Does public water/sewer utility service this facility?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	

*If no, please provide a contact name/number that can assist in the location of private water and septic tank lines:

Name:	Phone Number:
-------	---------------

Is the property currently leased to someone?	Yes	<input checked="" type="radio"/> No
--	-----	-------------------------------------

*If yes, notify them of the pending work scope, and please provide their name/contact number:

Name:	Phone Number:
-------	---------------

Name of Property Owner (Print):	Benedict College	
Signature of Property Owner or authorized representative:		06/18/2024 Date
Affiliation (if applicable)	Vice President of Finance & Operations/ CFO	
Signature of Witness		06/18/2024 Date

Contact Info

Phone Numbers:	Home: 803-705-4730	Cell: 731-394-6312
Email Address:	sharron.burnett@benedict.edu	

Benedict College Properties

	Address	Parcel Number
1	1600 Harden	R11412-10-14
2	1613 Waverly	R11408-10-30
3	1616 Oak	R11407-06-01
4	1604 Oak	R11407-06-03
5	2305 Taylor	R11407-06-02
6	2412 Haskell	R11408-10-29
7	1601 Heidt	R11408-10-11
8	1613 Heidt	R11408-10-10
9	1600 Harden	R11408-10-09



Honorable Diedra Wilson Hightower
Richland County Magistrate
118-A McNulty Street
Blythewood, SC 29016

Re: Access to Family Dollar
1500 North Millwood Avenue, Columbia, SC
Richland County GIS System Map Number R11411-02-02

Dear Honorable Judge Hightower:

The South Carolina Department of Health and Environmental Control (Department) requests your consideration in the matter of an Inspection Warrant pursuant to S.C. Code Ann. § 48-1-50(24) for the collection of soil and groundwater samples at the referenced facility. Section 48-1-50(24) of the Pollution Control Act specifically provides magistrate judges with the authority to issue inspection warrants.

The property owned by Fast Point Food Stores, Inc. at nearby 2367 Taylor Street has two prior releases from underground storage tanks that were subsequently removed. To further assess the release, it is necessary for Department staff from the Underground Storage Tank Management Division and/or its contractor to access 1500 North Millwood Avenue in order to install groundwater monitoring wells and retrieve samples from wells.

The Department has exhausted every option to obtain access to the property and requests an Inspection Warrant for the purpose of collecting environmental samples to determine current conditions.

Please find enclosed an application for an Inspection Warrant and tax map information.

I look forward to discussing the site with you and appreciate your time and assistance. Should you have any questions regarding this correspondence, you may contact me at (803) 898-7705 or wykeljm@dhec.sc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "James M. Wykel".

James M. Wykel, Project Manager
Hydrogeologist III
Underground Storage Tank Management Division
Bureau of Land and Waste Management

STATE OF SOUTH CAROLINA

COUNTY OF RICHLAND

SWORN APPLICATION FOR INSPECTION WARRANT
PURSUANT TO S.C. CODE ANN. SECTION 48-1-50

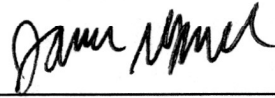
TO: THE HONORABLE JUDGE DIEDRA WILSON HIGHTOWER
RICHLAND COUNTY MAGISTRATE

BLYTHEWOOD MAGISTRATE
2024 JUN 27 PM2:19

James M. Wykel, a Project Manager at the South Carolina Department of Health and Environmental Control (Department), hereby applies for an inspection warrant, pursuant to S.C. Code Ann. § 48-1-50(24) of the Pollution Control Act to conduct an inspection and response action including environmental sampling at the following establishment, premises, or component thereof:

1. S.C. Code Ann. § 48-1-50(24) of the Pollution Control Act was promulgated to authorize the Department to protect the public's health and welfare, as well as the environment, and to investigate on behalf of that interest, potential pollution of the environment of the State.
2. Section 48-1-50(24) of the Pollution Control Act specifically provides this Court with the authority to issue an inspection warrant. In the event the Department cannot obtain consent to enter property "for the purpose of inspecting and investigating conditions relating to pollution or the possible pollution of the environment of the State . . . the Department is empowered to and shall obtain from the magistrate from the jurisdiction in which such property, premise or place is located, a warrant to enter and inspect any such property, premise or place prior to entry and inspection. The magistrate of such jurisdiction is empowered to issue such warrants upon a proper showing of the needs for such entry and inspection."
3. This inspection will be undertaken as part of an inspection program, authorized by Statute and Regulations issued thereunder, designed to protect the public's health and welfare or the environment and investigate on behalf of that interest potential pollution of the environment of the state of South Carolina.
4. A nearby property, located at 2357 Taylor Street, has two prior releases from underground storage tanks that were subsequently removed. To further assess the releases, it is necessary for Department staff to assess nearby properties.
4. The inspection and response action may be conducted at any time. The Department Officer's credentials will be presented if the owner/operator is present. These activities will begin as soon as practical after the issuance of this warrant and shall be executed and returned to the above named judicial officer within ten (10) days of the issuance date. Site activities shall be completed with reasonable promptness.
5. Site activities will extend to the establishment, premises, appurtenances. Photographs and/or video recording of the same may be taken as deemed necessary for a reasonable inspection. Response actions may include, but not be limited to, collecting environmental samples and installing additional groundwater monitoring wells.
6. The establishment or site is known to the Department as "Family Dollar" and is located at 1500 North Millwood Avenue, Columbia, SC, in Richland County. The site is comprised of one parcel identified by the Richland County GIS System as Map Number R11411-02-02.

The Project Manager hereinbefore named is authorized to inspect and conduct environmental sampling at the designated premises, and may be accompanied by one or more duly authorized employees of the Department and/or its contractor, as well as other law enforcement officers and any equipment deemed necessary to complete the activities. A return will be made to the Court if desired upon completion of the inspection, or no later than ten (10) days after the date of the Inspection Warrant.



James M. Wykel, Project Manager
Underground Storage Tank Management Division
Bureau of Land and Waste Management
SC Department of Health and Environmental Control

Sworn to and subscribed before me
this 27 day of June 2024



NOTARY PUBLIC FOR SOUTH CAROLINA

My commission expires: 9/20/27

SHERRY TAYLOR
Notary Public
State of South Carolina
My Commission Expires Sept. 20, 2027

STATE OF SOUTH CAROLINA

COUNTY OF RICHLAND

INSPECTION WARRANT PURSUANT TO S.C. CODE ANN. SECTION 48-1-50(24)

TO ANY DULY AUTHORIZED ENVIRONMENTAL CONTROL OFFICER OF THE
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL
CONTROL:


BLYTHEWOOD MAGISTRATE
2024 JUN 27 PM 2:18

It appears from the attached sworn application that there are reasonable grounds to conduct an administrative inspection pursuant to S.C. Code Ann. § 48-1-50(24) at the following described premises:

**Family Dollar located at:
1500 North Millwood Avenue, Columbia, South Carolina
County of Richland
Tax Map # R114711-02-02**

NOW AND THEREFORE, you are hereby authorized to conduct an administrative inspection at the subject premises and to collect and retain such information as necessary for such an inspection. The activities contemplated by this inspection include sampling soil and monitoring wells to determine the current conditions and installing additional monitoring wells. This inspection warrant shall expire ninety (90) days from the date of issuance. The Department is authorized to access the site and necessary through the course of this warrant's duration. A copy of the warrant shall be displayed at the entrance of the property.

A written report of activities performed pursuant to this warrant shall be provided to the Richland County Magistrate whose name is affixed below.


Presiding Magistrate: DEBRA W. HIGHTOWER

This 27th day of June, 2024
Columbia, South Carolina



Honorable Diedra Wilson Hightower
Richland County Magistrate
118-A McNulty Street
Blythewood, SC 29016

Re: Access to Pizza Hut
2400 Forest Drive, Columbia, SC
Richland County GIS System Map Number R11411-02-01

Dear Honorable Judge Hightower:

The South Carolina Department of Health and Environmental Control (Department) requests your consideration in the matter of an Inspection Warrant pursuant to S.C. Code Ann. § 48-1-50(24) for the collection of soil and groundwater samples at the referenced facility. Section 48-1-50(24) of the Pollution Control Act specifically provides magistrate judges with the authority to issue inspection warrants.

The property owned by Fast Point Food Stores, Inc. at nearby 2367 Taylor Street has two prior releases from underground storage tanks that were subsequently removed. To further assess the release, it is necessary for Department staff from the Underground Storage Tank Management Division and/or its contractor to access 2400 Forest Drive in order to install groundwater monitoring wells and retrieve samples from those wells.

The Department has exhausted every option to obtain access to the property and requests an Inspection Warrant for the purpose of collecting environmental samples to determine current conditions.

Please find enclosed an application for an Inspection Warrant and tax map information.

I look forward to discussing the site with you and appreciate your time and assistance. Should you have any questions regarding this correspondence, you may contact me at (803) 898-7705 or wykeljm@dhec.sc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "James M. Wykel".

James M. Wykel, Project Manager
Hydrogeologist III
Underground Storage Tank Management Division
Bureau of Land and Waste Management

STATE OF SOUTH CAROLINA

COUNTY OF RICHLAND

**SWORN APPLICATION FOR INSPECTION WARRANT
PURSUANT TO S.C. CODE ANN. SECTION 48-1-50**


**TO: THE HONORABLE JUDGE DIEDRA WILSON HIGHTOWER
RICHLAND COUNTY MAGISTRATE**

BLYTHEWOOD MAGISTRATE
2024 JUN 27 PM 2:19

James M. Wykel, a Project Manager at the South Carolina Department of Health and Environmental Control (Department), hereby applies for an inspection warrant, pursuant to S.C. Code Ann. § 48-1-50(24) of the Pollution Control Act to conduct an inspection and response action including environmental sampling at the following establishment, premises, or component thereof:

1. S.C. Code Ann. § 48-1-50(24) of the Pollution Control Act was promulgated to authorize the Department to protect the public's health and welfare, as well as the environment, and to investigate on behalf of that interest, potential pollution of the environment of the State.
2. Section 48-1-50(24) of the Pollution Control Act specifically provides this Court with the authority to issue an inspection warrant. In the event the Department cannot obtain consent to enter property "for the purpose of inspecting and investigating conditions relating to pollution or the possible pollution of the environment of the State . . . the Department is empowered to and shall obtain from the magistrate from the jurisdiction in which such property, premise or place is located, a warrant to enter and inspect any such property, premise or place prior to entry and inspection. The magistrate of such jurisdiction is empowered to issue such warrants upon a proper showing of the needs for such entry and inspection."
3. This inspection will be undertaken as part of an inspection program, authorized by Statute and Regulations issued thereunder, designed to protect the public's health and welfare or the environment and investigate on behalf of that interest potential pollution of the environment of the state of South Carolina.
4. A nearby property, located at 2357 Taylor Street, has two prior releases from underground storage tanks that were subsequently removed. To further assess the releases, it is necessary for Department staff to assess nearby properties.
4. The inspection and response action may be conducted at any time. The Department Officer's credentials will be presented if the owner/operator is present. These activities will begin as soon as practical after the issuance of this warrant and shall be executed and returned to the above named judicial officer within ten (10) days of the issuance date. Site activities shall be completed with reasonable promptness.
5. Site activities will extend to the establishment, premises, appurtenances. Photographs and/or video recording of the same may be taken as deemed necessary for a reasonable inspection. Response actions may include, but not be limited to, collecting environmental samples and installing additional groundwater monitoring wells.
6. The establishment or site is known to the Department as "Pizza Hut" and is located at 2400 Forest Drive, Columbia, SC, in Richland County. The site is comprised of one parcel identified by the Richland County GIS System as Map Number R11411-02-01.

The Project Manager hereinbefore named is authorized to inspect and conduct environmental sampling at the designated premises, and may be accompanied by one or more authorized employees of the Department and/or its contractor, as well as other law enforcement officers and any equipment deemed necessary to complete the activities. A return will be made to the Court if desired upon completion of the inspection, or no later than ten (10) days after the date of the Inspection Warrant.



James M. Wykel, Project Manager
Underground Storage Tank Management Division
Bureau of Land and Waste Management
SC Department of Health and Environmental Control

Sworn to and subscribed before me
this 27 day of June 2024



NOTARY PUBLIC FOR SOUTH CAROLINA

My commission expires: 9/20/27

SHERRY TAYLOR
Notary Public
State of South Carolina
My Commission Expires Sept. 20, 2027

STATE OF SOUTH CAROLINA

COUNTY OF RICHLAND

INSPECTION WARRANT PURSUANT TO S.C. CODE ANN. SECTION 48-1-50(24)

TO ANY DULY AUTHORIZED ENVIRONMENTAL CONTROL OFFICER OF THE
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL
CONTROL:

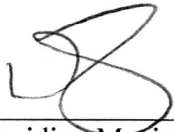
ELYTHEWOOD MAGISTRATE
2024 JUN 27 PM 2:19

It appears from the attached sworn application that there are reasonable grounds to conduct an administrative inspection pursuant to S.C. Code Ann. § 48-1-50(24) at the following described premises:

**Pizza Hut located at:
2400 Forest Drive, Columbia, South Carolina
County of Richland
Tax Map # R114711-02-01**

NOW AND THEREFORE, you are hereby authorized to conduct an administrative inspection at the subject premises and to collect and retain such information as necessary for such an inspection. The activities contemplated by this inspection include sampling soil and monitoring wells to determine the current conditions and installing additional wells. This inspection warrant shall expire ninety (90) days from the date of issuance. The Department is authorized to access the site and necessary through the course of this warrant's duration. A copy of the warrant shall be displayed at the entrance of the property.

A written report of activities performed pursuant to this warrant shall be provided to the Richland County Magistrate whose name is affixed below.



Presiding Magistrate : Doreen W. Hightower

This 27th day of June, 2024
Columbia, South Carolina



June 25, 2024

Paula Love, Vice President of Fiscal Affairs
Allen University
1530 Harden Street
Columbia, South Carolina 29204

Re: Request for Access

Ms. Love,

You may recall that I sent you a letter dated May 3, 2024 requesting access to certain parcels of Allen University property. The South Carolina Department of Health and Environmental Control¹ (Department) is seeking to gain access to five (5) parcels of Allen University property. The property owned by Fast Point Food Stores, Inc. at 2367 Taylor Street has two prior releases from underground storage tanks that were subsequently removed. To further assess the releases, it is necessary for Department staff from the Underground Storage Tank Management Division and/or its contractor to access Allen University property in order to install groundwater monitoring wells and retrieve samples from those wells. The well installation and sampling will be at no cost to Allen University.

As such, I am re-sending the Property Access Agreement for Site Rehabilitation. Please complete and return to the project manager, Matt Wykel, within seven (7) days of the date of this letter. If you have specific questions about the scope and purpose of the requested access, please contact Matt at 803-898-7705 or wykeljm@dhec.sc.gov. I am also available if you have any questions or concerns: 803-898-1950 or ratigakc@dhec.sc.gov.

Sincerely,

Karen C. Ratigan
Assistant General Counsel

enc: Letter dated 05-03-24
Property Access Agreement for Site Rehabilitation

cc: Matt Wykel, DHEC (by email)

¹ The environmental programs at the South Carolina Department of Health and Environmental Control will become the South Carolina Department of Environmental Services, effective July 1, 2024.



**State Lead Option
Adjacent Property Access Agreement for
Site Rehabilitation**

Only complete this form if: You are the legal owner of the property **OR** are the designated authorized representative for the legal owner of the property.

I certify that I am the legal owner of the property identified below or serve as the authorized representative for the legal owner of the property. I authorize the South Carolina Department of Health and Environmental Control (DHEC), or a contractor selected by DHEC, to enter this property at reasonable times only to conduct assessment and corrective action activities, as required. The contractor will be designated as the contractor for the UST owner or operator for only the required environmental site rehabilitation activities. I understand that the Agency will notify me of all activities that are necessary prior to their initiation and will promptly provide to me a summary of the data upon request.

UST Permit #	07777,07584,12352	
Property Name (if applicable):	Multiple Allen University parcels	
Property Address:	Properties listed on attached page.	
Property Phone Number:		
Is property within city limits? (check yes/no)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Name of nearest intersecting street/road/highway:		
Does public water/sewer utility service this facility?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
*If no, please provide a contact name/number that can assist in the location of private water and septic tank lines:		
Name:	Phone Number:	
Is the property currently leased to someone?	Yes	No
*If yes, notify them of the pending work scope, and please provide their name/contact number:		
Name:	Phone Number:	
Name of Property Owner (Print):		
Signature of Property Owner or authorized representative:		Date
Affiliation (if applicable)		
Signature of Witness		Date
Contact Info		
Phone Numbers:	Home:	Cell:
Email Address:		

Allen University Properties

	Address	Parcel Number
1	1512 Heidt	R1141-01-03
2	2368 Taylor	R1141-01-02
3	2315 Taylor	R11408-10-02
4	1530 Harden	R11407-07-03A
5	2300 Taylor	R11407-07-01



May 3, 2024

Paula Love, Vice President of Fiscal Affairs
Allen University
1530 Harden Street
Columbia, South Carolina 29204

Re: Request for Access

Ms. Love,

The South Carolina Department of Health and Environmental Control (Department) is seeking to gain access to five (5) parcels of Allen University property. The property owned by Fast Point Food Stores, Inc. at 2367 Taylor Street has two prior releases from underground storage tanks that were subsequently removed. To further assess the releases, it is necessary for Department staff from the Underground Storage Tank Management Division and/or its contractor to access Allen University property in order to install groundwater monitoring wells and retrieve samples from those wells. The well installation and sampling will be at no cost to Allen University.

Please complete and return the enclosed Property Access Agreement for Site Rehabilitation to me within fifteen (15) days of the date of this letter. If you have specific questions about the scope and purpose of the requested access, please contact the project manager: Matt Wykel at 803-898-7705 or wykeljm@dhec.sc.gov. I am also available if you have any questions or concerns: 803-898-1950 or ratigakc@dhec.sc.gov.

Sincerely,

Karen C. Ratigan
Assistant General Counsel

enc: Property Access Agreement for Site Rehabilitation

cc: Matt Wykel, DHEC (by email)



RECEIVED

JUL 22 2024

UST DIVISION



TRANSMITTAL COVER SHEET

TO: Jame Wykel, Hydrogeologist

FROM: Paul Myers

RE: College Corner / Clouds Chevron 163T
UST Permit #07584, #07777, #12352
ARM #33-3010.3-24 233T
Site Specific Work Plan – Field Screening

DATE: July 17, 2024

ENCLOSED: One Copy of the Site-Specific Work Plan

TRANSMITTAL VIA: Standard US Mail Priority US Mail
 Electronic Submission Hand Delivery

COMMENTS:

Enclosed you will find a Site-Specific Work Plan for the activities requested at the site.

Upon your approval of the Work Plan, ARM personnel will initiate the assessment.

Please do not hesitate to give me a call if you have any questions or if further information is required.

Sincerely,
ARM Environmental Services, Inc.

Paul Myers
Staff Geologist

RECEIVED



Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

JUL 22 2024

UST DIVISION

To: Matt Wykel (SCDHEC Project Manager)
From: Paul Myers (Contractor Project Manager)
Contractor: ARM Environmental Services, Inc. UST Contractor Certification Number: 4



Facility Name: Cloud's Chevron (#07777 / #12352) UST Permit #: College Corner (#07584)
Facility Address: Two Notch Road & Taylor Street, Columbia, SC
Responsible Party: Jack Lee & Alexander Lee / 3733 Greenbriar Drive, Columbia SC 2920 Phone: Acme Petroleum & Fuel Company
RP Address: Wallace Scott / 76 Whiteford Way, Lexington SC 29072 543 Cox Rd, Suite C, Gastonia, NC 28054
Property Owner (if different): Cloud's Chevron: Medical University Hospital Authority, 22 Westedge St, Charleston, SC 29403
Property Owner Address: College Corner: Fast Point Food Stores Inc., 2811 Reidville Rd, Suite 16, Spartanburg, SC 29301
Current Use of Property: Cloud's Chevron: Hospital parking lot // College Corner: Gas station & convenience store

Scope of Work (Please check all that apply)

- IGWA, Tier I, Tier II, Monitoring Well Installation, Groundwater Sampling, GAC, Other Field screening

Analyses (Please check all that apply)

- Groundwater/Surface Water: BTEXNMDCA, Oxygenates, EDB, PAH, Lead, 8 RCRA Metals, TPH, pH, BOD, Nitrate, Sulfate, Other, Methane, Ethanol, Dissolved Iron
Drinking Water Supply Wells: BTEXNMDCA, Oxygenates & Ethanol, Mercury, RCRA Metals, EDB
Soil: BTEXNM, PAH, Lead, RCRA Metals, Oil & Grease, TPH-DRO, TPH-GRO, Grain Size, TOC
Air: BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

3 Soil, Water Supply Wells, Air, Field Blank, Monitoring Wells, Surface Water, Duplicate, Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
of shallow points proposed: 4 TMWs on map Estimated Footage: 15 to 30 ft feet per point
of deep points proposed: 10 soil cores on map Estimated Footage: 30 feet per point
Field Screening Methodology: Direct push TMWs. Continuous core soil samples. Proposed scope is based on a map provided by Department.

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.
of shallow wells: Estimated Footage: feet per point
of deep wells: Estimated Footage: feet per point
of recovery wells: Estimated Footage: feet per point
Comments, if warranted:

UST Permit #: Cloud's Chevron (#07777 / #12352) Facility Name: College Corner (#07584)

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 20 Field Work Completion: 40

Report Submittal: 120 # of Copies Provided to Property Owners: 3

Aquifer Characterization

Pump Test: Slug Test: (Check one and provide explanation below for choice)

Investigation Derived Waste Disposal

Soil: 1.0 Tons Purge Water: 50.0 Gallons

Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repared, well pads/bolts/caps to replace, details of AFVR event, etc.

1 equipment mobilizations is requested - if lithology is favorable, work should be completed in 2-3 days

2 personnel mobilizations are requested for management of continuous core samples (PID screening) and collection of groundwater samples

An additional 100 feet of field screening are requested to expand scope if needed.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: _____

SCDHEC Certification Number: _____

Name of Laboratory Director: _____

Yes Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

Name of Well Driller: _____

SCLLR Certification Number: _____

____ Other variations from ACQAP. Please describe below.

Attachments

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.

2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North Arrow

Proposed monitoring well locations

Location of property lines

Legend with facility name and address, UST permit number, and bar scale

Location of buildings

Streets or highways (indicate names and numbers)

Previous soil sampling locations

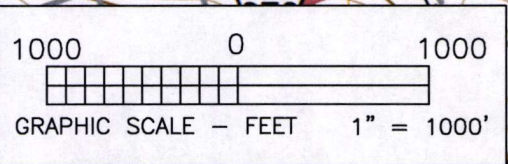
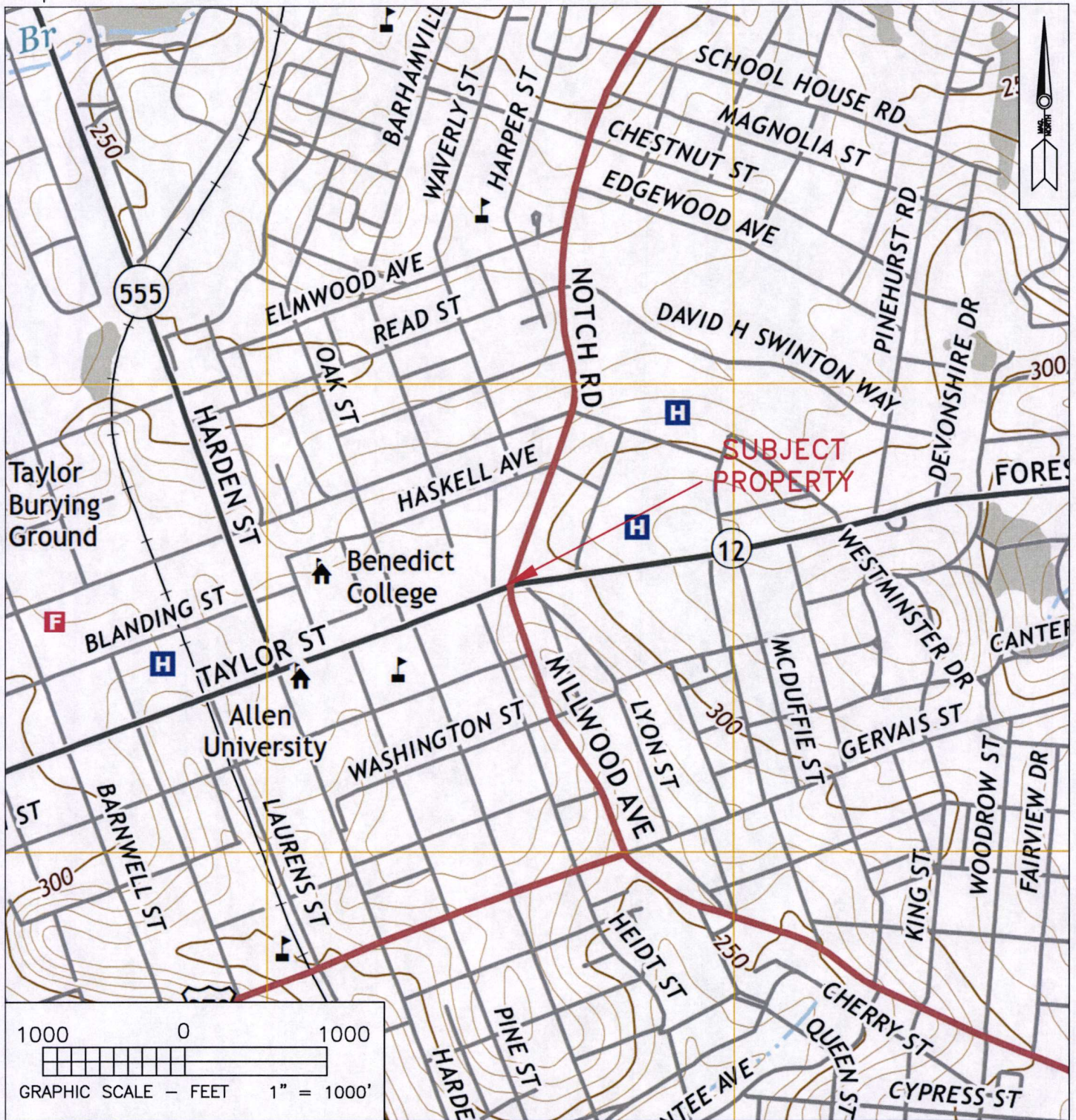
Location of all present and former ASTs and USTs

Previous monitoring well locations

Location of all potential receptors

Proposed soil boring locations

3. Assessment Component Cost Agreement, SCDHEC Form D-3664



PROJECT:
 ADDITIONAL ASSESSMENT PROPOSAL
 CLOUD'S CHEVRON / COLLEGE CORNER
 TWO NOTCH ROAD & TAYLOR STREET
 COLUMBIA, RICHLAND COUNTY, SC
 UST PERMIT #07777, #12352, #07584

DESCRIPTION:
 SITE LOCATION MAP

FIGURE 1
 DATE:
 JULY 2024



REFERENCE:
 U.S.G.S. TOPOGRAPHIC MAP
 (7.5 MINUTE SERIES)
 COLUMBIA NORTH - 2020
 SOUTH CAROLINA QUADRANGLE

LEGEND:

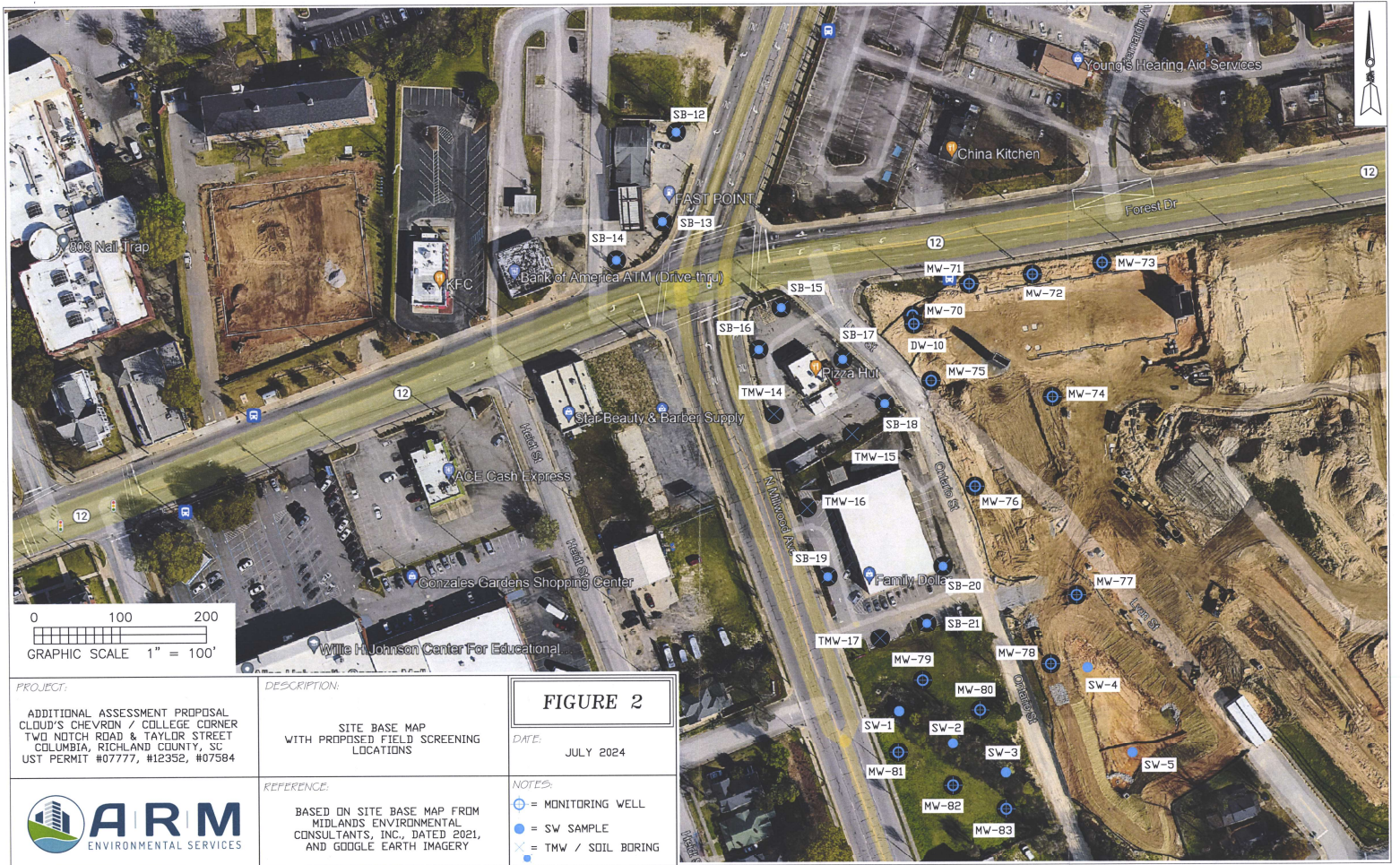


FIGURE 2

DATE: JULY 2024

- NOTES:
- ⊕ = MONITORING WELL
 - = SW SAMPLE
 - ⊗ = TMW / SOIL BORING

PROJECT:
 ADDITIONAL ASSESSMENT PROPOSAL
 CLOUD'S CHEVRON / COLLEGE CORNER
 TWO NOTCH ROAD & TAYLOR STREET
 COLUMBIA, RICHLAND COUNTY, SC
 UST PERMIT #07777, #12352, #07584

DESCRIPTION:
 SITE BASE MAP
 WITH PROPOSED FIELD SCREENING
 LOCATIONS

REFERENCE:
 BASED ON SITE BASE MAP FROM
 MIDLANDS ENVIRONMENTAL
 CONSULTANTS, INC., DATED 2021,
 AND GOOGLE EARTH IMAGERY





**ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA**

Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
PO#

Facility Name: College Corner / Cloud's Chevron

UST Permit #: 07777, 12352, 07584 **Cost Agreement #:** Pending

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. Plan Preparation					
1.1 Site-specific Work Plan	1	each	\$300.00		\$300.00
2.1 Tax Map		each	\$100.00		\$0.00
B. Receptor Survey *					
		each	\$750.00		\$0.00
C. Survey (500 X 500 feet)					
1.1 Comprehensive Survey		each	\$1,400.00		\$0.00
5. Ground Penetrating Radar Survey (GPR)	1	each	\$3,600.00		\$3,600.00
D. Mobilization/Demobilization					
1.1 Equipment Mobilization	1	each	\$1,350.00		\$1,350.00
2.1 Personnel Mobilization	2	each	\$600.00		\$1,200.00
3.1 Adverse Terrain Vehicle		each	\$1,275.00		\$0.00
E.. Soil Borings (hand auger)*					
		per foot	\$7.00		\$0.00
F. Soil Borings/Field Screening (requiring equipment, push technology, etc) or Field Screening (including sampling and analysis)					
1.1 Standard Soil Boring/Field Screening	420	per foot	\$20.00		\$8,400.00
2.1 Fractured Rock Screening		per foot	\$28.00		\$0.00
I. Well Installation (per foot includes costs associated with soil screening, lithology, development, pad and ID plate)					
1.1 Shallow monitoring wells installed using a hand auger		per foot	\$26.00		\$0.00
2.A Single-cased 2" Diameter Monitoring Well (0-50 ft)		per foot	\$46.50		\$0.00
2.1. Single-cased 2" Diameter Monitoring Well (>50 ft)		per foot	\$49.00		\$0.00
3.1 Telescoping		per foot	\$62.00		\$0.00
4.1 Rock Drilling		per foot	\$75.00		\$0.00
5.1 2" Rock Coring and Retrieval		per foot	\$48.00		\$0.00
6.1 Multi-sampling ports/screens		per foot	\$50.00		\$0.00
7.1 Recovery Well (4" diameter well)		each	\$55.00		\$0.00
9.1 Rotosonic Drilling (2" diameter well)		each	\$65.00		\$0.00
J. Sample Collection / Gauging Depth to Product or Groundwater					
1.1 Volumetric Groundwater Purge		per well	\$72.00		\$0.00
2.1 Air or Soil Vapor Sample		per receptor	\$125.00		\$0.00
3.1 Water Supply Sample		per well/receptor	\$40.00		\$0.00
4.1. HydraSleeve			\$65.00		\$0.00
4.2A No purge Groundwater Sample / Surface Water Sample		sample	\$36.00		\$0.00
5.1 Gauging Well Only		per well	\$10.00		\$0.00
6.1 Sample Below Product		sample	\$38.00		\$0.00
7.1 Passive Diffusion Bag		sample	\$35.00		\$0.00
8.1 Field Duplicates (MWs & WSWs) and Field Blank		each	\$36.00		\$0.00
9.1 Groundwater(Low-Flow Purge)		per well/receptor	\$118.00		\$0.00
10.1 Equipment Blank		each	\$25.00		\$0.00
11. Sample Product		sample	\$50.00		\$0.00

Facility Name: College Corner / Cloud's Chevron				
UST Permit #: 07777, 12352, 07584	Cost Agreement #: Pending			
K. Laboratory Analyses - Groundwater				
1.1 BTEXN, MTBE including Oxygenates and 1,2 DCA (8260D)		sample	\$148.00	\$0.00
2.1 Dissolved Lead (6010D or 6020B)		sample	\$25.00	\$0.00
3.1 BTEXN, MTBE Including Oxygenates and 1,2 DCA (8260D) RUSH		sample	\$181.00	\$0.00
4.1 Trimethyl, Butyl, and Isopropyl Benzenes (8260D)		sample	\$34.00	\$0.00
5.1 Polynuclear Aromatic Hydrocarbons (PAHs) (8070E)		sample	\$82.00	\$0.00
6.1 Total Lead (6010D or 6020B)		sample	\$27.00	\$0.00
7.1 EDB by 8011		sample	\$60.00	\$0.00
8.1 EDB by 8011 RUSH		sample	\$82.00	\$0.00
9.1 RCRA 8 Metals		sample	\$80.00	\$0.00
10.1 TPH - Oil and Grease (9070)		per sample	\$54.00	\$0.00
11.1 pH (Lab)		per sample	\$9.00	\$0.00
12.1 BOD		per sample	\$28.00	\$0.00
13.1 Ethanol - (8015)		per sample	\$22.00	\$0.00
K. Laboratory Analyses - Drinking Water (Water Supply Wells)				
14.1 BTEXN, MTBE including Oxygenates and 1,2 DCA (524.2)		sample	\$162.00	\$0.00
15.1 8-Oxygenates (8260D)		sample	\$110.00	\$0.00
16.1 EDB (504.1)		sample	\$98.00	\$0.00
17.1 RCRA 8 Metals		sample	\$125.00	\$0.00
K. Laboratory Analyses-Soil				
18.1 BTEXN (8260D)		sample	\$82.00	\$0.00
19.1 PAH's (8270E)		sample	\$82.00	\$0.00
20.1 RCRA 8 Metals		sample	\$80.00	\$0.00
21.1 TPH - DRO (3550C/8015C)		sample	\$50.00	\$0.00
22.1 TPH - GRO (5035B/8015C)		sample	\$50.00	\$0.00
23.1 Grain size/Hydrometer	3	sample	\$154.00	\$462.00
24.1 Total Organic Carbon		sample	\$45.00	\$0.00
K. Laboratory Analyses - Air				
25.1 BTEXN (TO-15)		sample	\$365.00	\$0.00
K. Hydrocarbon Fuel Identification				
27. C3 - C44 Whole Oil (ASTM D3328)		sample	\$490.00	\$0.00
28. Fuel Oxygenates (1624 Mod)		sample	\$463.00	\$0.00
29. ALKYL Leads, EDB MMT (8080)		sample	\$463.00	\$0.00
30. C8 - C40 Full Scan (ASTM 5739)		sample	\$695.00	\$0.00
31. Simulated Distillation (ASTM 2887)		sample	\$463.00	\$0.00
32. Parent & Alk. PAH Com. (8270 SIM)		sample	\$825.00	\$0.00
33. C3 - C10 Piano (8260 Mod)		sample	\$695.00	\$0.00
34. C10+ Alkane Fingerprint (ASTM 3328)		sample	\$695.00	\$0.00
35. Expert Data Interpretation & Report		sample	\$720.00	\$0.00
L. Aquifer Characterization*				
2.1 Slug Test		per test	\$310.00	\$0.00
3.1 Fractured Rock		per test	\$190.00	\$0.00
M. Free Product Recovery Rate Test*				
		each	\$100.00	\$0.00
P. Subsequent Survey*				
		each	\$300.00	\$0.00

Facility Name: College Corner / Cloud's Chevron					
UST Permit #: 07777, 12352, 07584		Cost Agreement #: Pending			
Q. Disposal					
1. Wastewater (per gallon)	50	gallon	\$0.66		\$33.00
2. Free Product (per gallon)		gallon	\$0.68		\$0.00
3. Soil Treatment/Disposal (per ton)	1	ton	\$82.00		\$82.00
4. Drilling fluids (per gallon)		gallon	\$0.70		\$0.00
Y. Well Repair					
1.1 Additional Copies of Report	3	each	\$70.00		\$210.00
5.1 Replace well cover bolts		each	\$5.00		\$0.00
6.1 Replace locking well cap & lock		each	\$23.00		\$0.00
10.1 Replace missing/illegible well ID plate		each	\$25.00		\$0.00
S. Report Preparation/Project Coordination		15%	percent	\$15,637.00	\$2,345.55
TOTAL					\$17,982.55

Tier II Contract 03-2023