

19268

**PHASE II ENVIRONMENTAL SITE
ASSESSMENT
0.49-ACRE TRACT
2309 RUSSELL STREET
ORANGEBURG, SOUTH CAROLINA
TMS#0173-11-04-005**



REPORT PREPARED FOR
SOUTH CAROLINA STATE UNIVERSITY
300 College Street NE
Orangeburg, South Carolina 29117

BY

F&ME CONSULTANTS
Geotechnical / Environmental / Materials
3112 Devine Street
Columbia, South Carolina 29250
(803) 254-4540

October 18, 2006

E4303.23

UST PROGRAM
DOCKETING #

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PHASE II ENVIRONMENTAL SITE ASSESMENT
0.49-ACRE TRACT
2309 RUSSELL STREET
ORANGEBURG, SOUTH CAROLINA
(TMS#0173-11-04-005)

COLUMBIA OFFICE
P.O. BOX 5855
Columbia, SC 29250
3112 Devine St.
Columbia, SC 29205
ph (803) 254-4540
fx (803) 254-4542

A. SUMMARY

F&ME Consultants has performed this Phase II Environmental Site Assessment on the 0.49-acre tract located at 2309 Russell Street in Orangeburg, South Carolina for South Carolina State University.

This Phase II Environmental Site Assessment has been performed as recommended in F&ME Consultants Phase I Environmental Site Assessment (October 3, 2005) because of the existence of underground storage tanks.

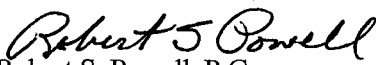
The subsurface investigation was performed on September 25, 2006. This investigation consisted of two (2) soil/groundwater sampling borings to determine the potential presence of petroleum hydrocarbon release from the existing underground storage tanks (UST's).

The soil/groundwater sampling was conducted in accordance with the USEDA, SCDHEC, and analytical laboratory protocols.

The results of the laboratory tests indicate the presence of petroleum hydrocarbon and lead in the soil and groundwater above SCDHEC risk-based screening levels. Therefore, SCDHEC Bureau of Land and Waste Management (UST Program) will need a copy of the report to submit the laboratory results to the SCDHEC Assessment and Corrective Action Division for their review and comments.

If there are any questions concerning this Phase II Environmental Site Assessment, or if we can be of any further assistance on this project, please do not hesitate to contact us. We appreciate the opportunity to have provided this service.

Sincerely,
F&ME Consultants


Robert S. Powell, P.G.
Chief Geologist
S.C. License #417

MYRTLE BEACH OFFICE
1903 Legion Street
Myrtle Beach, SC 29577
ph (843) 626-9253

B. INTRODUCTION

1. Purpose

F&ME Consultants has performed this Phase II Environmental Site Assessment (ESA) for South Carolina State University (SCSU) on the 0.49-acre tract located at 2309 Russell Street in Orangeburg, South Carolina (Appendix II, Figure 1).

Since SCSU is considering the purchase of this property, the State requires an environmental site assessment to determine the potential for current and future liability (i.e. soil/groundwater contamination). This potential soil/groundwater contamination is attributed to the leakage of the on-site underground storage tanks (UST's).

2. Scope of Work

F&ME has located five UST's and potentially a sixth UST. Once the UST's were located, two (2) soil/groundwater sampling boreholes were performed on September 25, 2006. Borings were performed utilizing a CME-55 drill rig. The groundwater was encountered at approximately 22 feet to 25 feet below ground surface in both bore holes. Soil and groundwater samples were obtained for laboratory analysis for petroleum constituencies (SCDHEC approval September 20, 2006, Appendix I).

3. Records Review

Historical records (i.e. property deeds, tax assessor's records) make no mention of a vehicular service station. However, the reasonably ascertainable aerial photographs indicate building structures on the tract as early as 1948 (Appendix II).

SCDHEC, Freedom of Information, EQC, records were reviewed. No past or to-date releases have been recorded. The first indication of the presence of underground storage tanks (UST's) was identified on September 9, 2005 during the Phase I Environmental Site Assessment (Phase I ESA) by F&ME Consultants. This report indicated ten (10) fill pipe locations. After several extended rainfalls, the surface sands had washed away and twelve (12) fill pipe and valve covers were identified on September 14, 2006. Also, on this date, ground penetrating radar (GPR) was used to locate five (5) UST's and potentially a sixth UST. However, due to the close proximity of the UST's, it proved difficult to outline the UST's on the surface using the GPR. This is typical of any return signal produced by a GPR instrument.

4. Analytical Tests

The laboratory test program for potential petroleum contamination included analysis for benzene, toluene, ethylbenzene, xylenes (BTEX), polyaromatic hydrocarbons (PAH), naphthalene, methyl tert-butyl ether (MTBE), and lead.

The results of the laboratory tests are exhibited in Table I for a comparison with SCDHEC reporting limits and SCDHEC risk-based screening levels for soil and groundwater. As indicated in the table, lead and petroleum hydrocarbon components exceed reporting limits and risk-based screening levels. Therefore, SCDHEC, Bureau of Land and Waste Management, will submit the laboratory results to the Assessment and Corrective Action Division for their review to determine the need for further assessment.

After SCSU and the property Owner have reviewed this report, a copy has to be sent to SCDHEC (Appendix V does not have to be included in the SCDHEC copy). The copy to SCDHEC needs to be submitted by the property Owner no later than November 3, 2006.

If desired, F&ME Consultants can submit the report to SCDHEC. The property Owner will need to send us a transmittal letter (addressed to SCDHEC) requesting a review of the laboratory data. The report needs to be addressed to:

Ms. Denise Place
Bureau of Land Waste Management
Underground Storage Tank Program
SCDHEC
2600 Bull Street
Columbia, South Carolina 29201-1708
(803) 896-6944

2309 RUSSELL ST.
ORANGEBURG, SC.

Boring/Sample Number	Sample Analyte	Analytical Results	SCDHEC Reporting Limit - Groundwater	Risk Based Screening Level - Groundwater	SCDHEC Reporting Limit - Soil	Risk Based Screening Level - Soil
B-1	lead	109mg/kg			0.00025 mg/kg	0.3 mg/kg
	benzene	0.00605 mg/kg			0.005 mg/kg	0.007 mg/kg
	toluene	0.00247 mg/kg			0.005 mg/kg	0.007 mg/kg
B-1	lead	0.0054 mg/l	0.002 mg/l	0.015 mg/l		
	benzene	8.95 ug/l	5 ug/l	5 ug/l		
	MTBE	733 ug/l	5 ug/l	40 ug/l		
	naphthalene	23.7 ug/l	5 ug/l	25 ug/l		
	PAH	13.8 ug/l	10 ug/l	25 ug/l		
B-2	lead	16.8 mg/kg			0.00025 mg/kg	0.3 mg/kg
	benzene	0.0275 mg/kg			0.005 mg/kg	0.007 mg/kg
	ethylbenzene	4.2 mg/kg			0.005 mg/kg	1.15 mg/kg
	xylenes	0.068 mg/kg			0.005 mg/kg	14.5 mg/kg
	naphthalene	17.4 mg/kg			0.005 mg/kg	0.036 mg/kg
	PAH	0.866 mg/kg			0.005 mg/kg	0.036 mg/kg
B-2	lead	0.0416 mg/l	0.002 mg/l	0.015 mg/l	0.33 mg/kg	
	benzene	30.5 ug/l	5 ug/l	5 ug/l		
	ethylbenzene	19.4 ug/l	5 ug/l	700 ug/l		
	MTBE	23.4 ug/l	5 ug/l	40 ug/l		
	naphthalene	7.41 ug/l	5 ug/l	25 ug/l		

NOTE: Only sample analytes exhibiting results are shown in tables. Refer to laboratory test results for all analytes.

Conversion Tables: mg/kg = mg/l = ppm ppm = ppb/1000
ug/kg = ug/l = ppb ppb = ppm x 1000

TABLE 1

APPENDIX I

CORRESPONDANCE



South Carolina State University

300 COLLEGE STREET, NORTHEAST
ORANGEBURG, SOUTH CAROLINA 29117-0001

FINANCE, FACILITIES & MIS
FACILITIES OPERATIONS

PHONE: (803) 516-4582
FAX: (803) 536-8430

September 8, 2006

Robert S. Powell, P.G.
F & ME Consultants
3112 Devine St
Columbia, SC 29205

Subject: Phase II Environmental Site Assessment
Corner of Buckley Street and Russell St
F&ME Proposal No.: E200652

Dear Mr. Powell,

Attached please find an approved copy of your Proposal No. E200652 and a copy of the authorization by Mr. Bernie Wright, the owner of the subject property, to access the property and perform the Phase II Environmental Assessment. This letter serves as your Authorization to Proceed.

Sincerely,

William J. Clement, R. A.
Assistant to the Senior Vice President
For Facilities

WJC/rd

Enclosures

cc: File/Correspondence
File/Project File



South Carolina State University

300 COLLEGE STREET, NORTHEAST
ORANGEBURG, SOUTH CAROLINA 29117-0001

FINANCE, FACILITIES & MIS
FACILITIES OPERATIONS

PHONE: (803) 516-4582
FAX: (803) 536-8430

September 6, 2006

Mr. Bernie Wright
P.O. Box 275
Orangeburg, SC 29116

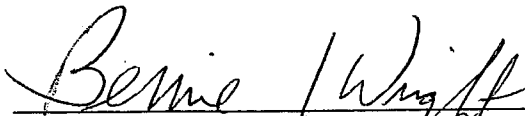
RE: Vacant Lot on the Corner of Buckley & Russell Streets (aka 2309 Russell St.)

Dear Mr. Wright,

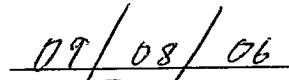
This letter is a follow up to our phone conversation today wherein you have given your verbal approval for F&ME Consultants to perform a Phase II Environmental Survey of your property on the corner of Buckley & Russell Streets.

With your written permission, a representative of F&ME will come on site beginning September 11, 2006. As we discussed samples of soil and ground water will be collected and laboratory tested for contamination. F&ME is estimating 5 borings may be necessary at 5 feet intervals to collect the samples. All work will conclude by September 30, 2006. Please be aware, due to the presence of underground tanks on the property, SCDHEC will require a copy of the laboratory test results.

By signing below you give your permission for F&ME and/or its representative, acting on behalf of South Carolina State University to enter the subject property and to drill for samples of soil and ground water.



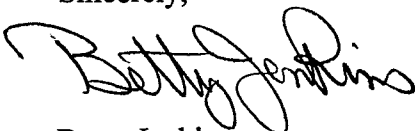
Property Owner Signature



Date

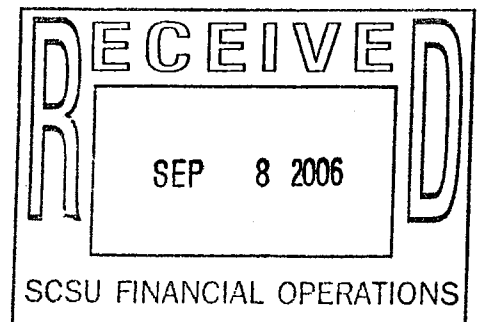
Please return the signed document by Friday, September 8, 2006.

Sincerely,



Betty Jenkins
Director of Facilities Operations
2075 Russell St.
Orangeburg SC 29117

COPY



September 11, 2006

Mr. Read S. Miner, P.G.
Assessment and Corrective Action Division
South Carolina Department of Health and Environmental Control
Bureau of Land and Waste Management
Underground Storage Tank Program
2600 Bull Street
Columbia, South Carolina 29201

RE: Exploratory Drilling and Sampling of Soils and Groundwater
(Mr. Bernie Wright, Owner of Record)
Vacant Lot (Former Service Station)
North Corner of Russell St. and Buckley St.
Orangeburg, South Carolina

Dear Mr. Miner:

F&ME CONSULTANTS has been authorized to perform a Phase II ESA on the above referenced property to determine the potential for the presence or absence of hydrocarbon contamination.

The scope of our work will involve using our Ground Penetrating Radar to locate the underground storage tanks. Once located, subsurface drilling to obtain soil and groundwater samples for laboratory analysis for potential hydrocarbon contamination will be performed.

We propose to perform five (5) borings on the property (to approximately 20 feet, with soil sampling at 5-foot intervals and at groundwater). Depending upon what we observe (using on-site analysis with an OVA meter), the number and locations of subsurface borings may be adjusted.

We will not install any temporary or permanent monitoring wells. However, all bore holes will be drilled and decommissioned according to SCDHEC regulations.

All soils/groundwater samples determined (on-site) to exhibit elevated levels of petroleum hydrocarbons, will be containerized on-site (i.e. sealed drums) for future removal (if determined necessary by F&ME).

COLUMBIA OFFICE
3112 Devine Street
Columbia, SC 29205
ph (803) 254-4540
fx (803) 254-4542

MYRTLE BEACH OFFICE
1903 Legion Street
Myrtle Beach, SC 29577
ph (843) 626-9253
fx (843) 448-0681

BEAUFORT LAB
Riverwalk Business Park
326 Brown's Cove Road
Suite 804
Ridgeland, SC 29936
ph (843) 379-7181
fx (843) 379-7181




**AASHTO ACCREDITED
LABORATORY**

www.fmecol.com

After all samples have been analyzed, we will forward the test results to you for your comments (if desired).

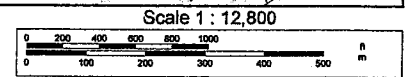
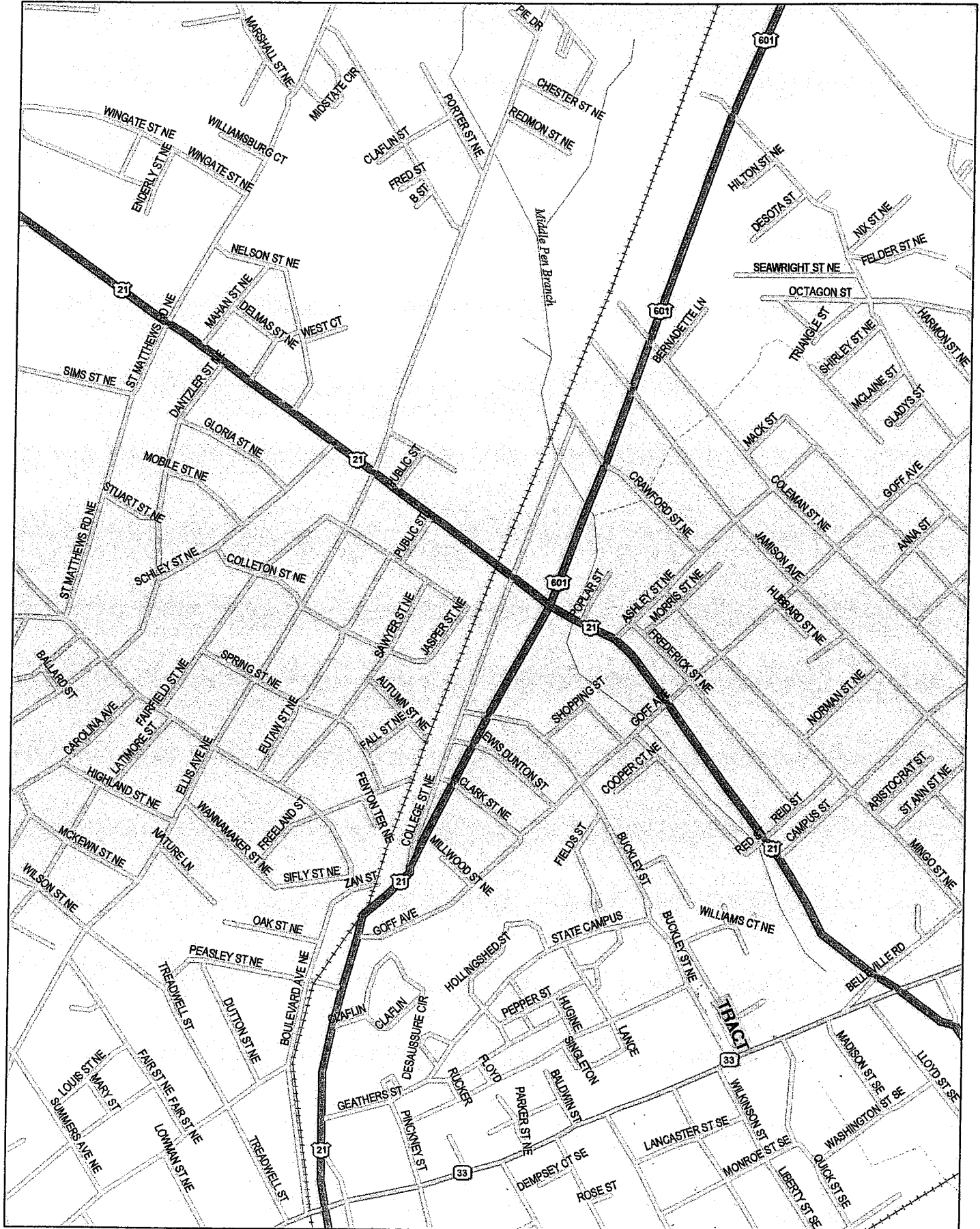
Sincerely yours,

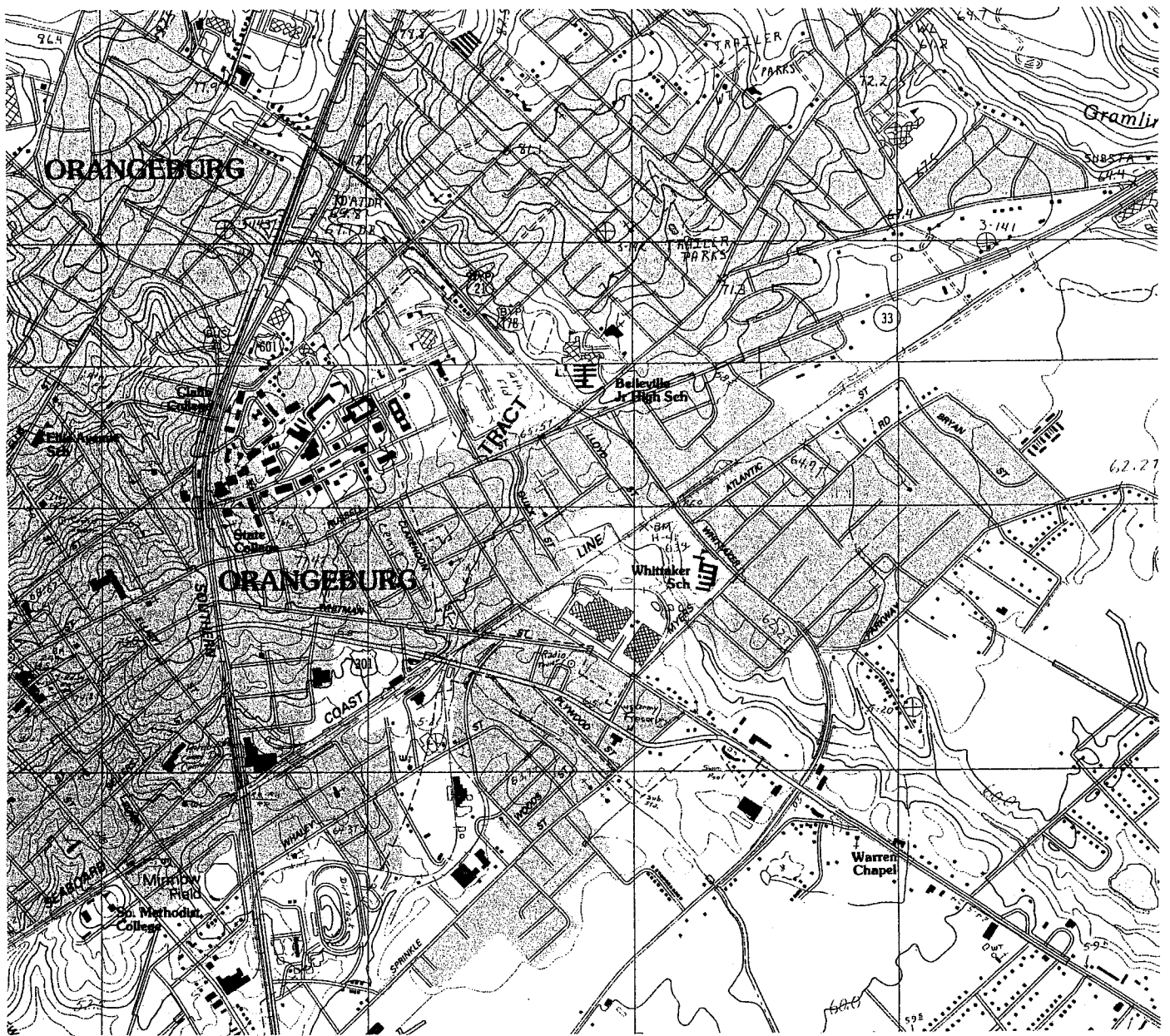
F&ME CONSULTANTS


Robert S. Powell, P.G.
Chief Geologist

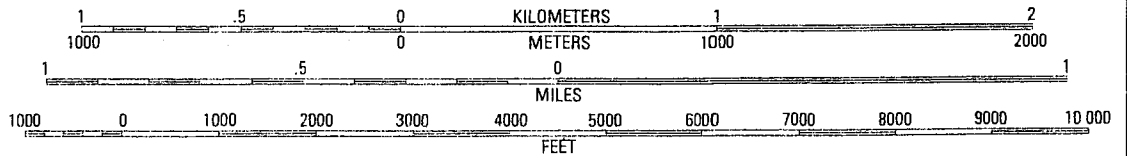
Attachments







QUADRANGLE LOCATION



CONTOUR INTERVAL 1.5 METERS

F&ME
CONSULTANTS

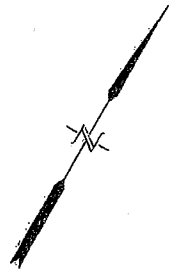
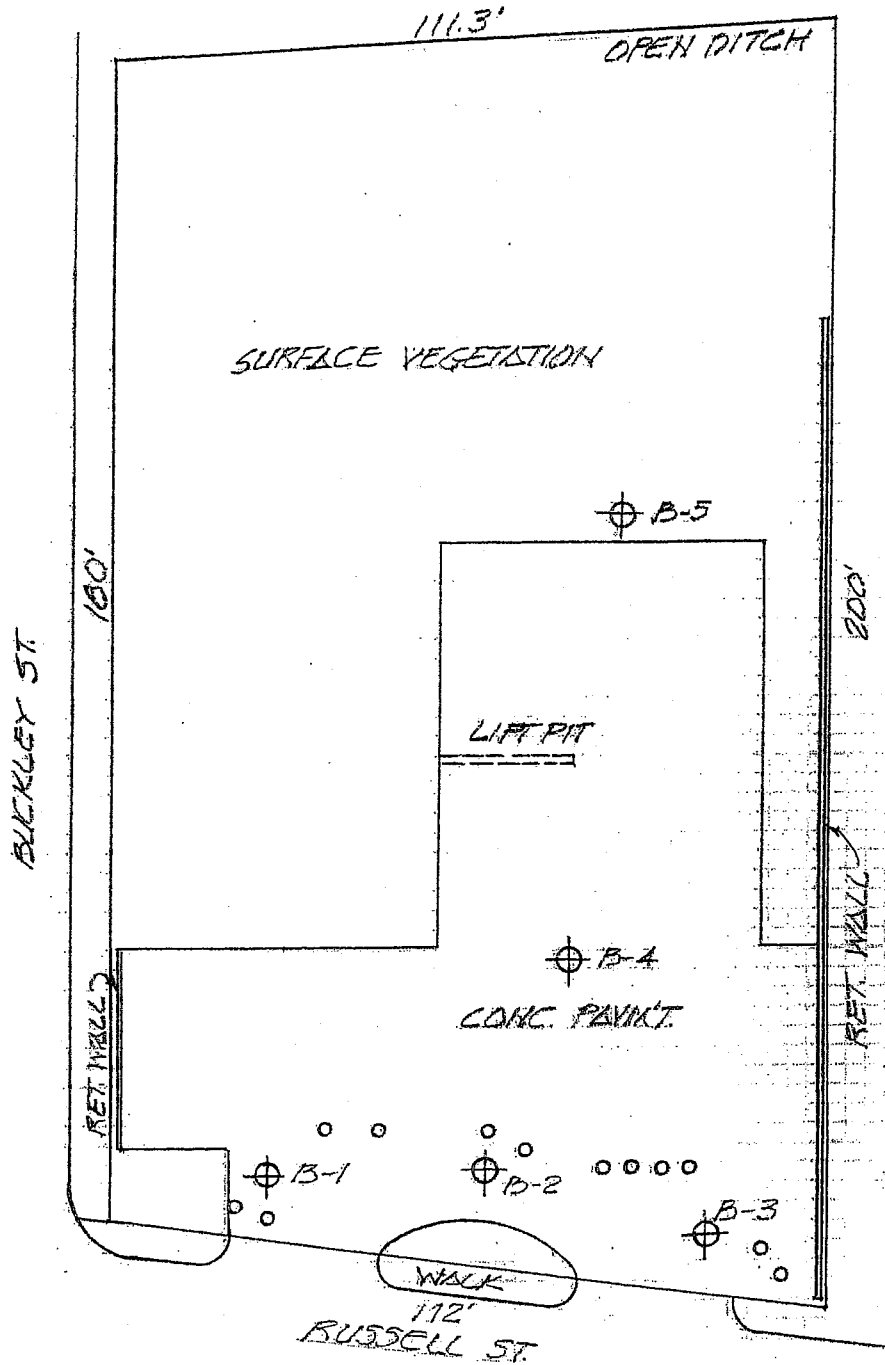
Tract Located on 1982 USGS Orangeburg South, SC
Quadrangle Map
Corner of Buckley Street and Russell Street,
Orangeburg, SC

South Carolina State University

DWN BY
CKD BY
APPR'D.

SCALE: Shown
PROJECT:
FIGURE: 2

S.C. STATE UNIVERSITY
FOOTBALL STADIUM



○ = MANHOLES

⊕ = BORE LOCATION (PROPOSED)

PROPOSED BORE LOCATION PLAN

ORANGETHURGE, S.C.

SCALE: 1" = 30'

9-14-06

FAME CONSULTANTS E4303.23

FIGURE 3



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

ROBERT POWELL
 F&ME CONSULTANTS
 P.O. BOX 5855
 COLUMBIA, SC 29250

Re: Former Service Station, 2309 Russell St., Orangeburg, SC
 MWA # UMW-20275
 Request to Install Groundwater Monitoring Wells received September 19, 2006
 Orangeburg County

Dear Mr. Powell:

The Underground Storage Tank (UST) Program has received your request to perform soil borings and/or monitoring wells at the referenced UST facility. The submittal has been placed on file. Monitoring well approval to perform 5 soil borings and/or install monitoring wells in accordance with *South Carolina Well Standards*, R.61-71 is enclosed. Please submit a monitoring well record form (DHEC Form 1903) and analytical results of all soil and/or groundwater sampling to me within 30 days of receipt of the analytical results.

On all correspondence concerning this facility, please reference the UST permit and monitoring well approval numbers. If you have any questions, please contact me at (803) 896-6944.

Sincerely,

Denise M. Place

Denise M. Place, Geotechnical Coordinator
 UST Regulatory Assistance Section
 Regulatory Compliance Division
 Bureau of Land and Waste Management

Enc: Monitoring Well Approval

FAX 896-6245



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

Monitoring Well Approval

Approval is hereby granted to: F&ME Consultants
Facility: Former Service Station, 2309 Russell St, Orangeburg, SC
County: Orangeburg

This approval is for the installation of 5 soil borings and/or groundwater monitoring wells. 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 Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless another schedule has been approved by the Department. 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 Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
5. If any of the information provided to the Department changes, notification to Denise Place (tel: 803-896-6944 or e-mail: placedm@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. Departmental 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 April 26, 2002. A copy of this approval should be on the site during well installation.

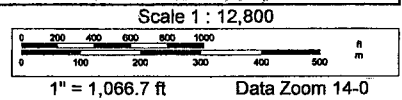
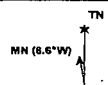
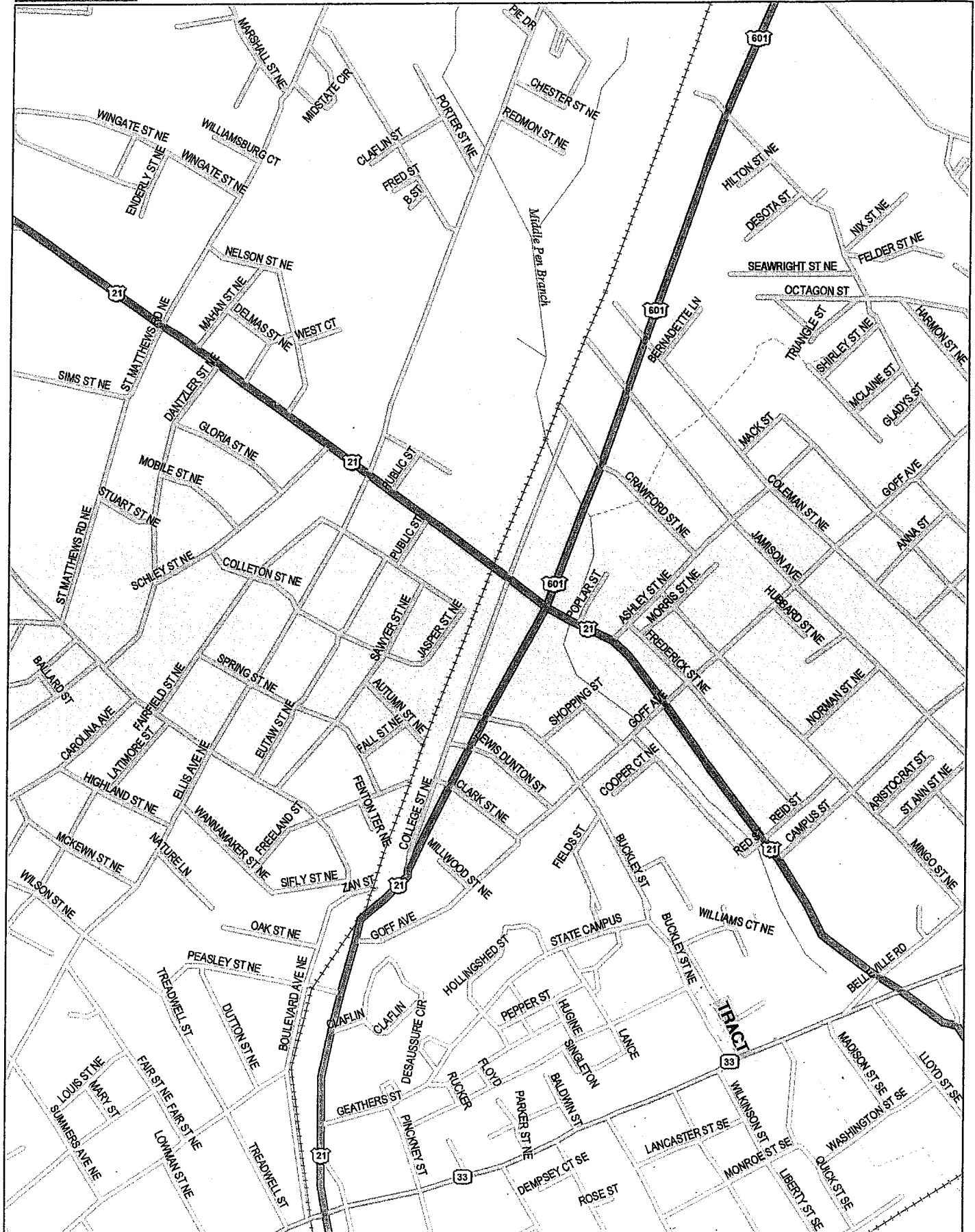
Date of Issuance: 09/20/2006

Approval #: UMW-20275

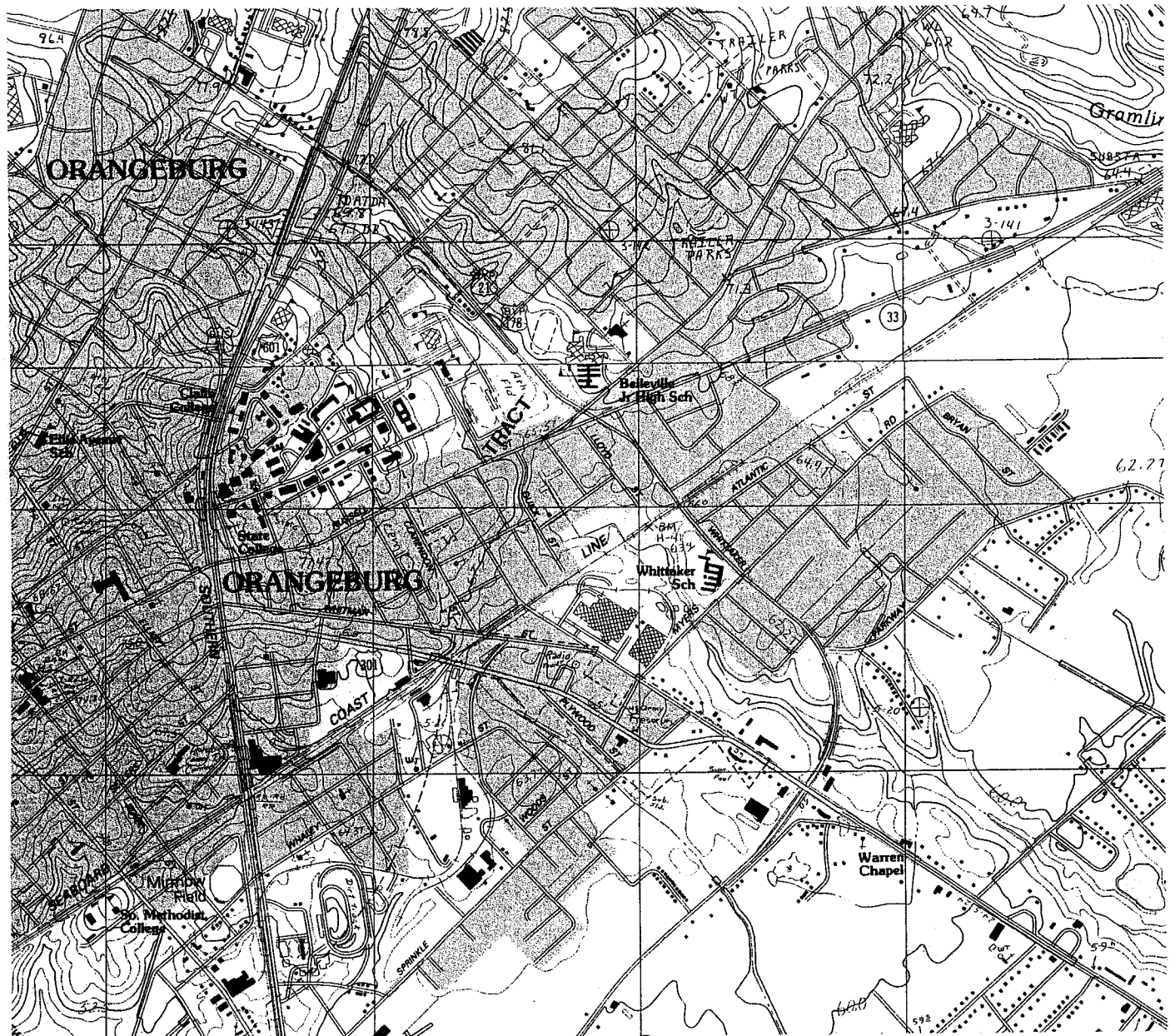
Denise M. Place, Geotechnical Coordinator
 UST Regulatory Assistance Section
 Regulatory Compliance Division
 Bureau of Land and Waste Management

APPENDIX II

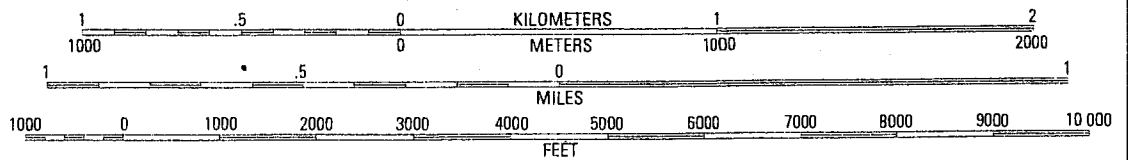
MAPS AND AERIAL PHOTOGRAPHS



TRACT LOCATION MAP FIGURE 1



QUADRANGLE LOCATION



CONTOUR INTERVAL 1.5 METERS

F&ME
CONSULTANTS

Tract Located on 1982 USGS Orangeburg South, SC
Quadrangle Map
Corner of Buckley Street and Russell Street,
Orangeburg, SC

South Carolina State University

DWN BY

CKD.BY

APPR'D.

SCALE: Shown

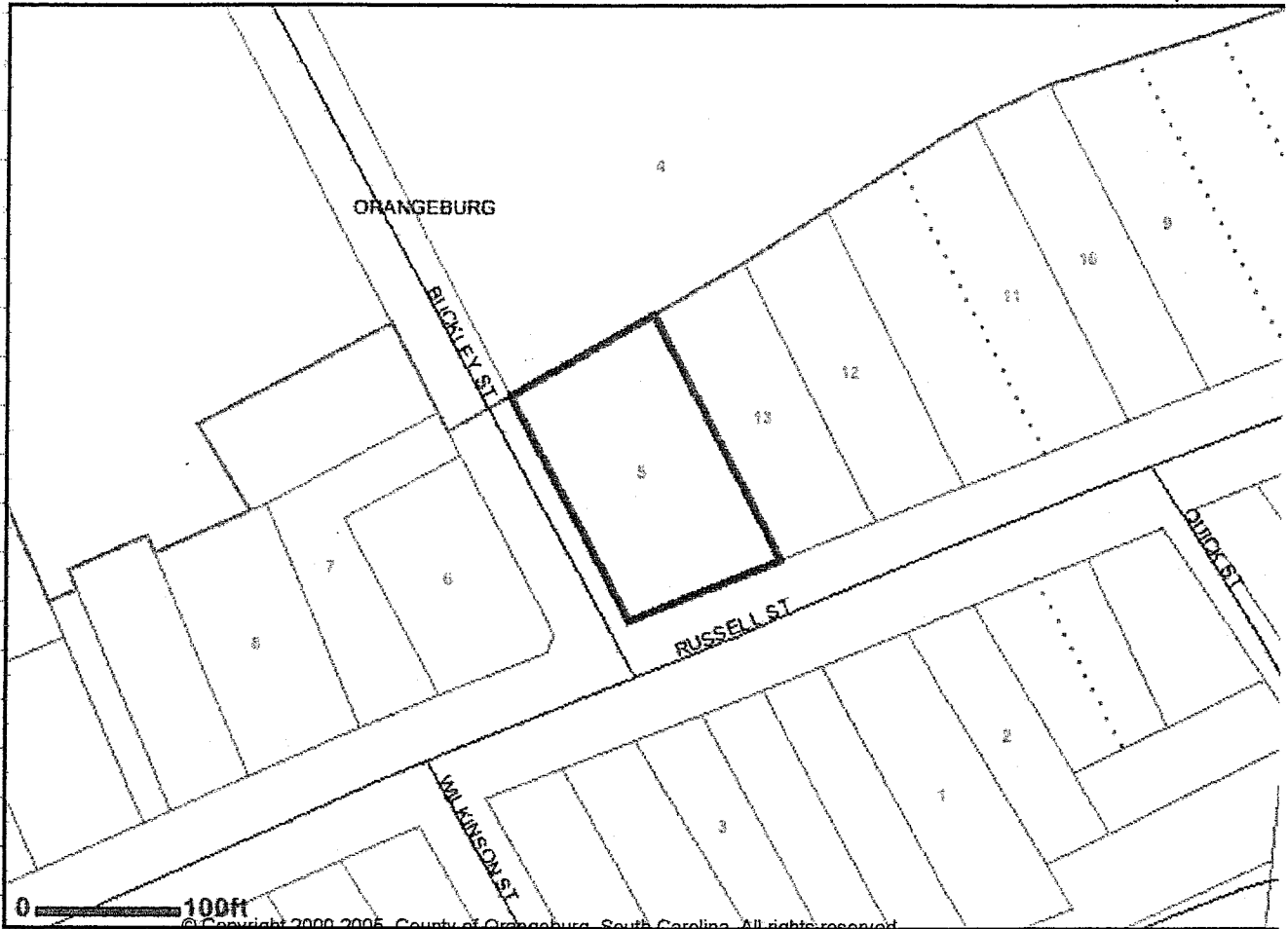
PROJECT:

FIGURE: 2



County of Orangeburg

SOUTH CAROLINA



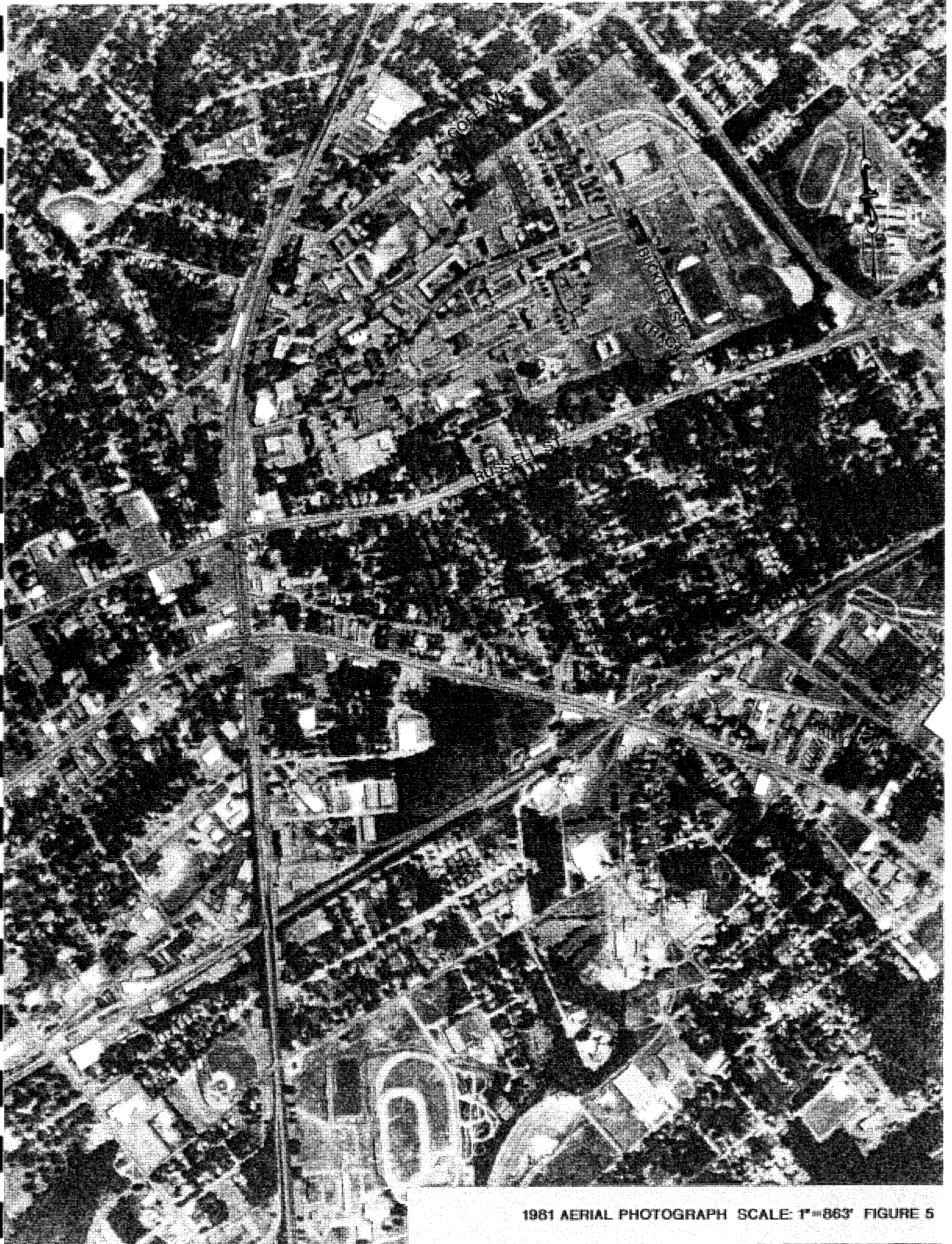
© Copyright 2000-2005, County of Orangeburg, South Carolina. All rights reserved.
 On-Line Tax Maps are compiled for general information only and are subject to disclaimer.



County of Orangeburg



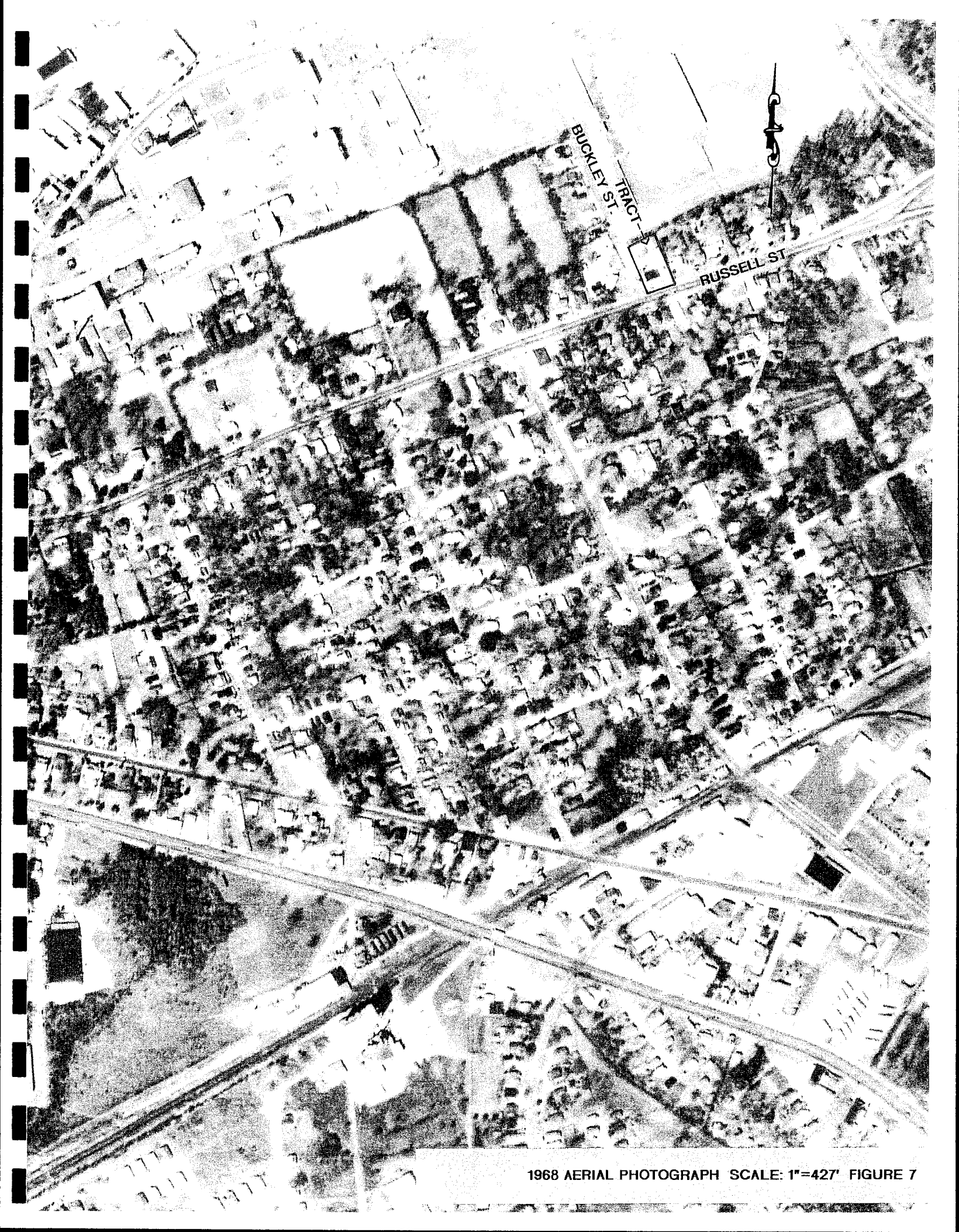
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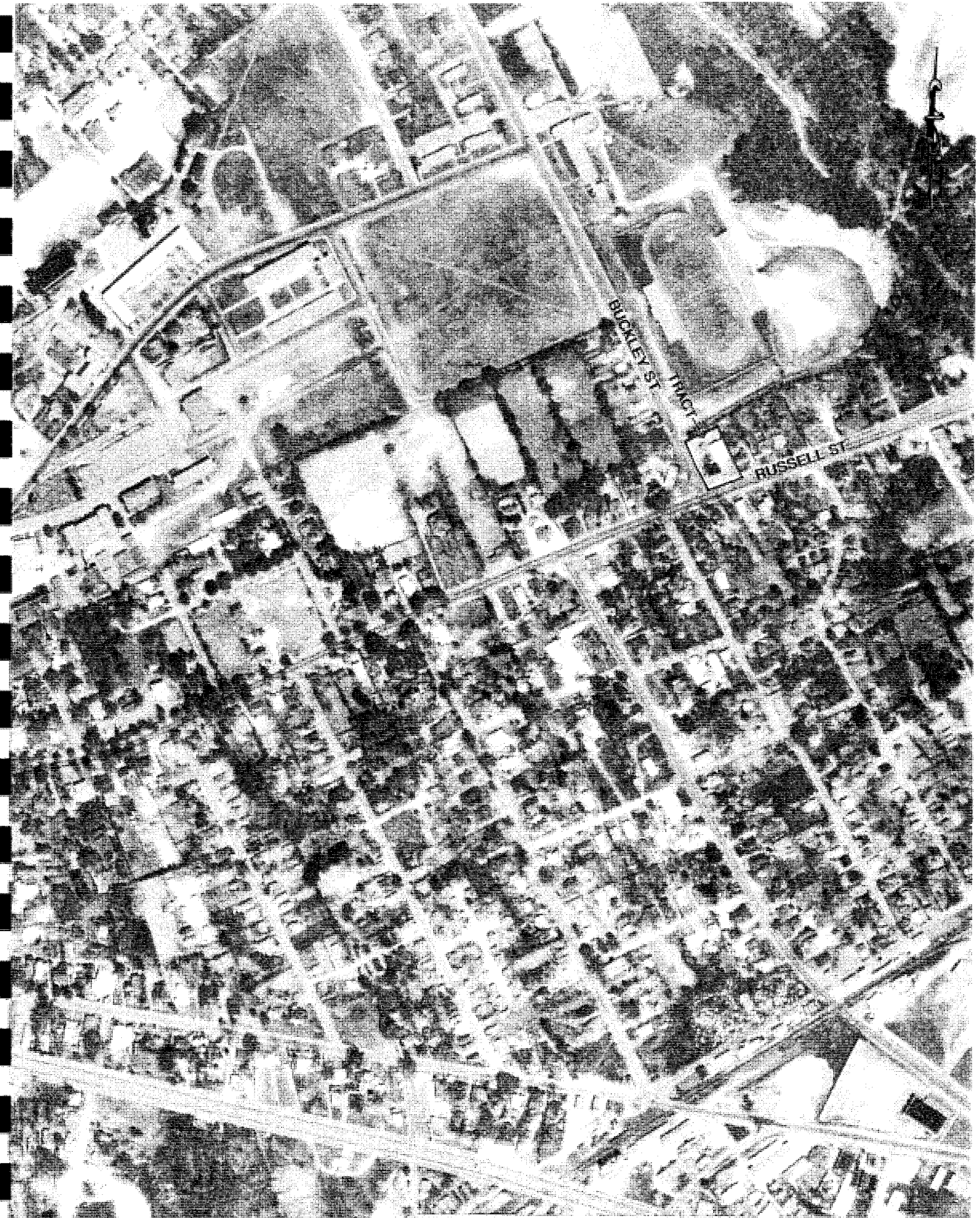
1951 AERIAL PHOTOGRAPH SCALE: 1"=863' FIGURE 5



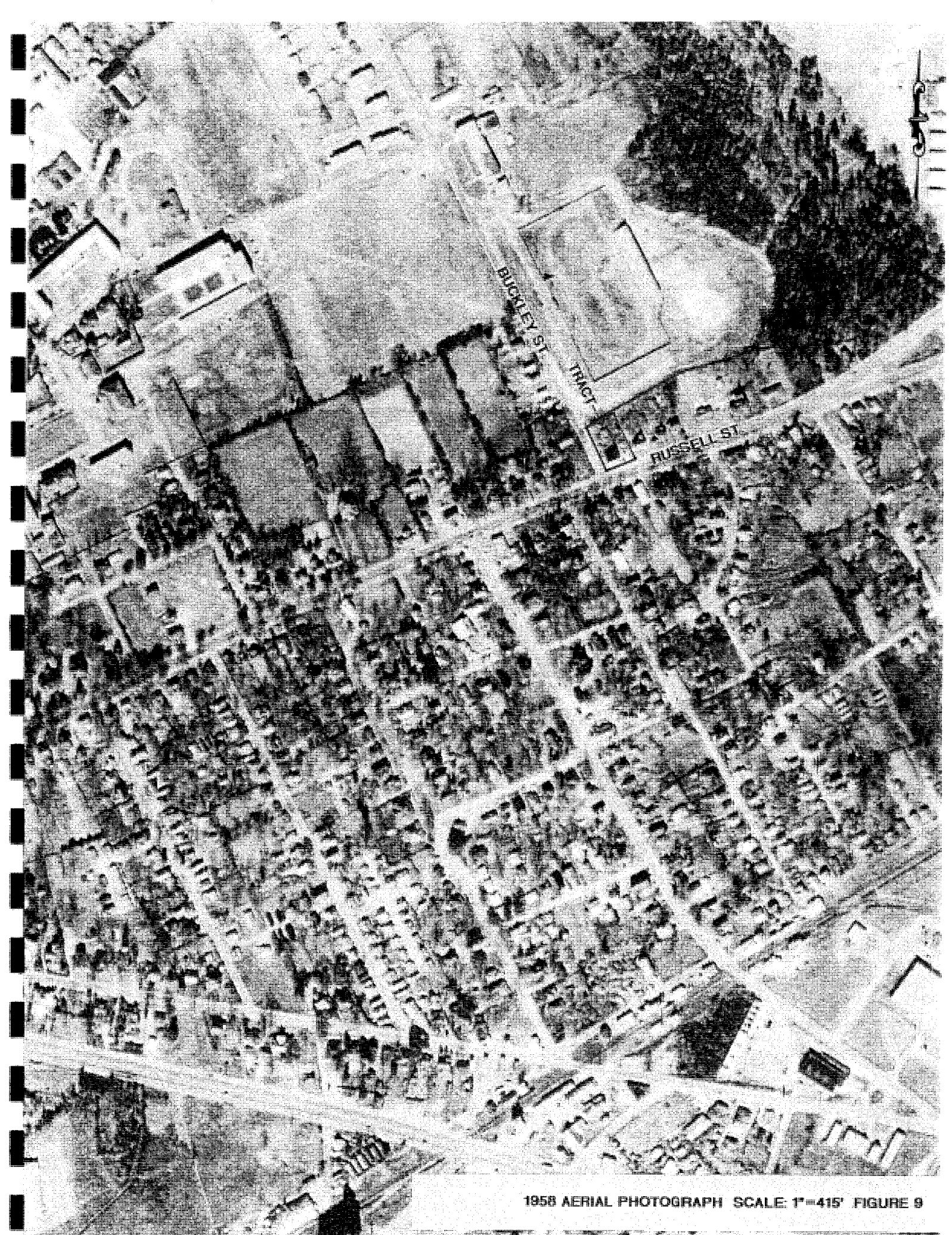
1973 AERIAL PHOTOGRAPH SCALE: 1"=880' FIGURE 6



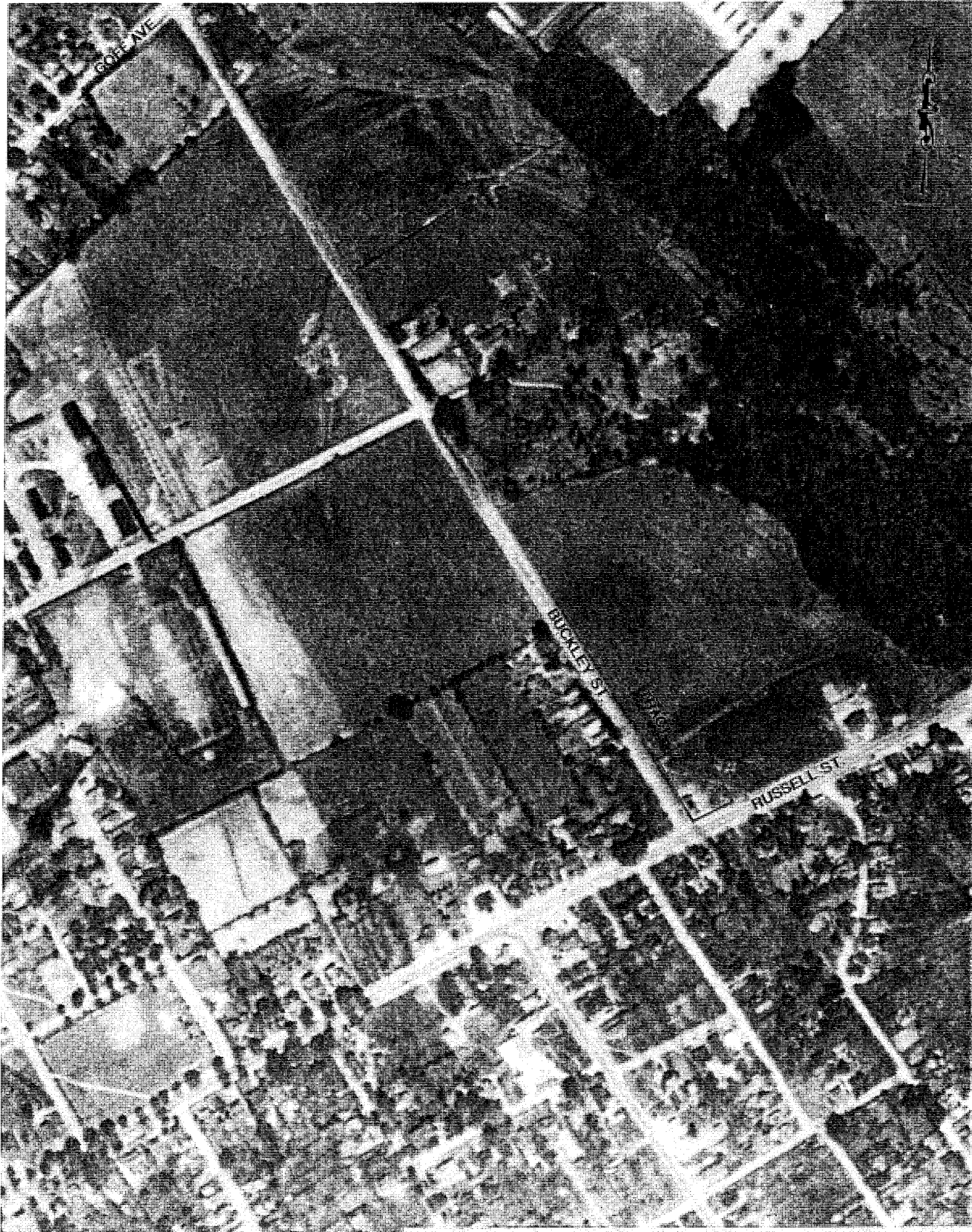
1968 AERIAL PHOTOGRAPH SCALE: 1"=427' FIGURE 7



1963 AERIAL PHOTOGRAPH SCALE: 1"=423' FIGURE 8



1958 AERIAL PHOTOGRAPH SCALE: 1"=415' FIGURE 9

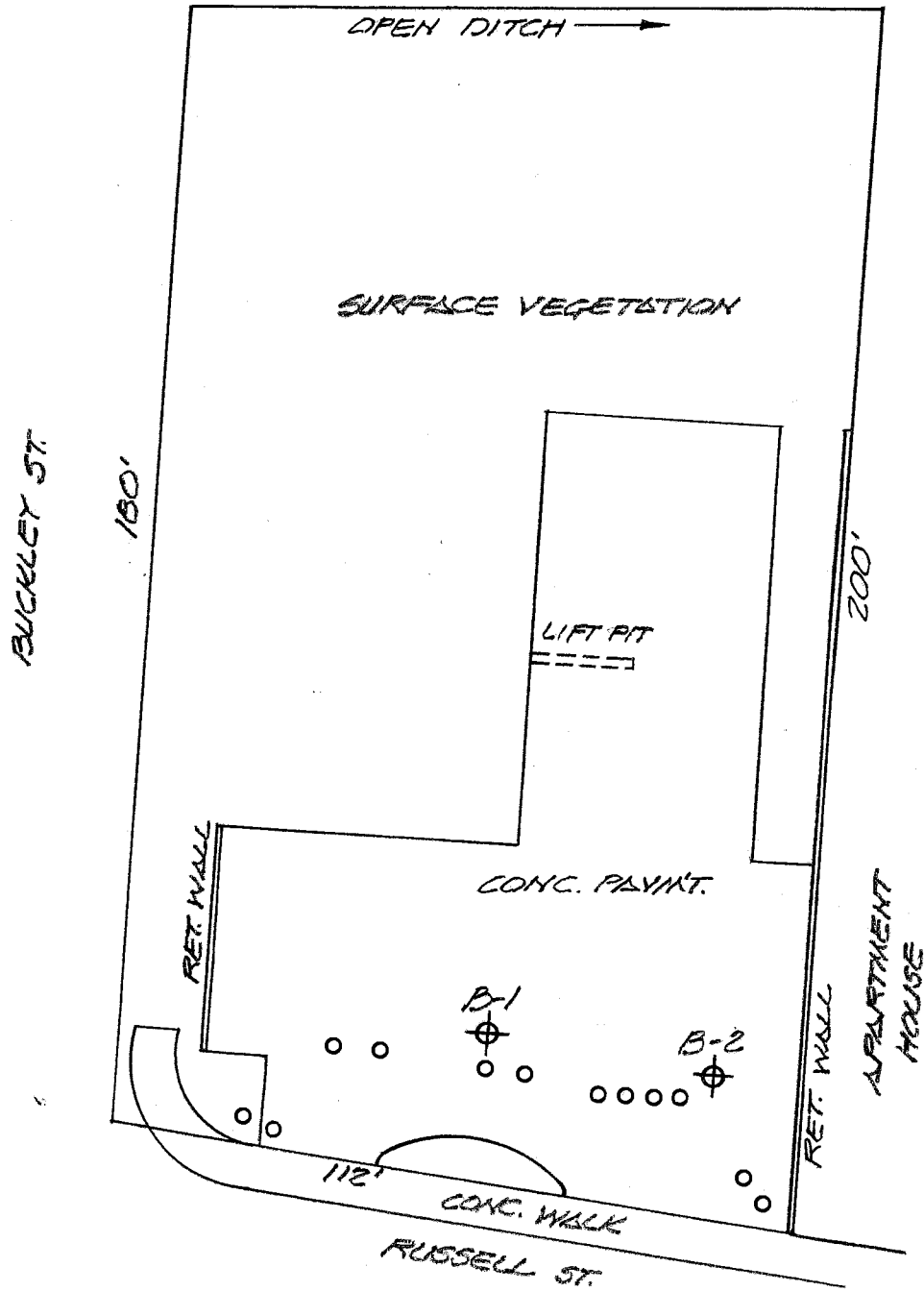
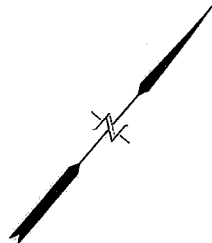


1948 AERIAL PHOTOGRAPH SCALE 1"=330' FIGURE 10

APPENDIX III

BORE LOCATION PLAN AND WATERWELL RECORDS

S.C. STATE UNIVERSITY
FOOTBALL STADIUM
111.3'



BORE LOCATION PLAN

2309 RUSSELL ST.

ORANGEBURG, S.C.

SCALE: 1"=30' 9-25-06

F&ME CONSULTANTS E4303.23

⊕ BORE LOCATIONS.

○ FILL PIPE AND VALVE LOCATIONS.

ALL DISTANCES AND FEATURES HAVE BEEN

SCALE FROM TAX ASSESSOR'S AERIAL PHOTOGRAPH.

THIS DRAWING IS NOT FOR RECORDATION AND DOES

NOT REPRESENT A SURVEY.



B-1
(BORING)

**Water Well Record
Bureau of Water**

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:

Name: S.C. STATE UNIVERSITY
(last) (first)
Address: FACILITIES OPERATIONS
2075 RUSSELL ST.
City: ORANGEBURG State: S.C. Zip: 29117
(803) 516-4582
Telephone: Work: Home:

7. PERMIT NUMBER:

UMW-20275

8. USE:

- Residential Public Supply Process
 Irrigation Air Conditioning Emergency
 Test Well Monitor Well Replacement

9. WELL DEPTH (completed)

Date Started: 9-25-06

25 ft.

Date Completed: 9-25-06

10. CASING: Threaded Welded

Diam.: N/A

Height: Above Below N/A

Type: PVC Galvanized

Surface _____ ft.

Steel Other

Weight _____ lb./ft.

_____ in. to _____ ft. depth

Drive Shoe? Yes No

_____ in. to _____ ft. depth

2. LOCATION OF WELL: B-1 COUNTY: ORANGEBURG

Name: VACANT LOT
Street Address: 2309 RUSSELL ST.
City: ORANGEBURG, S.C. Zip: 29117

Latitude: 33°-29'-21" Longitude: 80°-50'-39"

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:

N/A

4. ABANDONMENT: Yes No

Grouted Depth: from 0 ft. to ≈ 25 ft.

11. SCREEN: N/A

Type: _____ Diam.: _____

Slot/Gauge: _____ Length: _____

Set Between: _____ ft. and _____ ft.

**NOTE: MULTIPLE SCREENS
USE SECOND SHEET**

_____ ft. and _____ ft.

Sieve Analysis Yes (please enclose) No

12. STATIC WATER LEVEL N/A ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface. N/A

_____ ft. after _____ hrs. Pumping _____ G.P.M.

Pumping Test: Yes (please enclose) No

Yield: _____

14. WATER QUALITY

Chemical Analysis Yes No Bacterial Analysis Yes No

Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) Yes No N/A

Installed from _____ ft. to _____ ft.

Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? Yes No

Neat Cement Bentonite Bentonite/Cement Other _____

Depth: From 0 ft. to ≈ 25 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 2 ft. S direction

Type GASOLINE UST'S

Well Disinfected Yes No Type: _____ Amount: _____

18. PUMP: Date installed: N/A Not installed

Mfr. Name: _____ Model No.: _____

H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm

TYPE: Submersible Jet (shallow) Turbine

Jet (deep) Reciprocating Centrifugal

19. WELL DRILLER: ROBERT S. POWELL CERT. NO.: A 371

Address: (Print) 3112 DEVINE ST. Level: A (circle one)

COLUMBIA, S.C. 29205

(F&M CONSULTANTS)

Telephone No. (803) 254-4540 Fax No. (803) 254-4542

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under

my direction and this report is true to the best of my knowledge and belief.

Signed: Robert S Powell

Date: 9-25-06

Well Driller

If D Level Driller, provide supervising driller's name:

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
<u>CONC. PAVEMENT</u>	<u>0.33'</u>	<u>0.33'</u>
<u>MEDIUM BROWN CLAYEY F/M SAND</u>	<u>21.67'</u>	<u>22'</u>
<u>BROWN F/M SANDY CLAY</u>	<u>3.33'</u>	<u>25'</u>
<u>GROUND WATER @ ≈ 22' (?) - ≈ 25'</u>		
<u>SURFACE ELEVATION @ 221.47' (MSL)</u>		
<u>NOTE: PROPERTY IS OWNED BY:</u>		
<u>MR. BERNIE WRIGHT</u>		
<u>P.O. Box 275</u>		
<u>ORANGEBURG, S.C. 29116</u>		
*Indicate Water Bearing Zones		
<u>≈ 22' - ≈ 25'</u>		
(Use a 2nd sheet if needed)		

5. REMARKS:

NO WELL CASING INSTALLED

- 6. TYPE:** Mud Rotary Jetted Bored
 Dug Air Rotary Driven
 Cable tool Other



B-2
(BORING)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: S.C. STATE UNIVERSITY
(last) (first)
Address: FACILITIES OPERATIONS
2075 RUSSELL ST.
City: ORANGEBURG State: S.C. Zip: 29117
(803) 516-4582
Telephone: Work: Home:

2. LOCATION OF WELL: B-2 COUNTY: ORANGEBURG
Name: VACANT LOT
Street Address: 2309 RUSSELL ST.
City: ORANGEBURG, S.C. Zip: 29117
Latitude: 33°-29'-22" Longitude: 80°-50'-36"

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:
N/A

4. ABANDONMENT: Yes No
Grouted Depth: from 0 ft. to ≈ 25 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
CONC. PAVEMENT	0.54'	0.54'
MEDIUM BROWN CLAYEY F/M SAND	21.67'	22'
BROWN F/M SANDY CLAY	3.33'	25'
GROUND WATER @ ≈ 22'(?)-≈ 25'		
SURFACE ELEVATION @ 221.41'(MSL)		
NOTE: PROPERTY IS OWNED BY:		
MR. BERNIE WRIGHT		
P.O. Box 275		
ORANGEBURG, S.C. 29116		

*Indicate Water Bearing Zones
≈ 22'-≈ 25'
(Use a 2nd sheet if needed)

5. REMARKS:
NO WELL CASING INSTALLED

6. TYPE: Mud Rotary Jetted Bored
 Dug Air Rotary Driven
 Cable tool Other

7. PERMIT NUMBER:
UMW-20275

8. USE:
 Residential Public Supply Process
 Irrigation Air Conditioning Emergency
 Test Well Monitor Well Replacement

9. WELL DEPTH (completed) 25 ft. Date Started: 9-25-06
Date Completed: 9-25-06

10. CASING: Threaded Welded
Diam.: N/A
Type: PVC Galvanized
 Steel Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above Below N/A
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? Yes No

11. SCREEN: N/A
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft. NOTE: MULTIPLE SCREENS
USE SECOND SHEET
Sieve Analysis Yes (please enclose) No

12. STATIC WATER LEVEL N/A ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface. N/A
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: Yes (please enclose) No
Yield: _____

14. WATER QUALITY
Chemical Analysis Yes No Bacterial Analysis Yes No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) Yes No N/A
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? Yes No
 Neat Cement Bentonite Bentonite/Cement Other _____
Depth: From 0 ft. to ≈ 25 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 2 ft. W direction
Type GASOLINE UST's
Well Disinfected Yes No Type: _____ Amount: _____

18. PUMP: Date installed: N/A Not installed
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: Submersible Jet (shallow) Turbine
 Jet (deep) Reciprocating Centrifugal

19. WELL DRILLER: ROBERT S. POWELL CERT. NO.: A 371
Address: (Print) 3112 DEVINE ST. Level: A B C D (circle one)
COLUMBIA, S.C. 29205
(F&E CONSULTANTS)
Telephone No. (803) 254-4540 Fax No. (803) 254-4542

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Robert S. Powell Date: 9-25-06
Well Driller

If D Level Driller, provide supervising driller's name:

APPENDIX IV

LABORATORY ANALYTICAL REPORT

October 05, 2006

Client: F & ME Consultants (2201)
P. O. Box 5855
Columbia, SC 29250
Attn: Robert Powell

Work Order: NPI3570
Project Name: F & ME Consultants
Project Nbr: E4303.23 / 2309 Russell St.
P/O Nbr: E4303.23
Date Received: 09/27/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
B-1	NPI3570-01	09/25/06 10:35
B-1	NPI3570-02	09/25/06 11:07
B-2	NPI3570-03	09/25/06 12:39
B-2	NPI3570-04	09/25/06 01:30

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

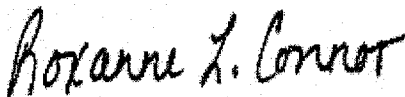
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South Carolina Certification Number: DW:84009002; Other:84009001

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Roxanne Connor

Program Manager - Conventional Accounts

Client F & ME Consultants (2201)
 P. O. Box 5855
 Columbia, SC 29250
 Attn Robert Powell

Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI3570-01 (B-1 - Soil) Sampled: 09/25/06 10:35								
General Chemistry Parameters								
% Dry Solids	82.2		%	0.500	1	10/02/06 14:43	SW-846	6095653
Total Metals by EPA Method 6010B								
Lead	109		mg/kg dry	1.20	1	09/29/06 14:33	SW846 6010B	6095308
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	0.00605		mg/kg dry	0.00243	1	10/02/06 15:39	SW846 8260B	6095673
Ethylbenzene	ND		mg/kg dry	0.00243	1	10/02/06 15:39	SW846 8260B	6095673
Methyl tert-Butyl Ether	ND		mg/kg dry	0.00243	1	10/02/06 15:39	SW846 8260B	6095673
Naphthalene	ND		mg/kg dry	0.00608	1	10/02/06 15:39	SW846 8260B	6095673
Toluene	0.00247		mg/kg dry	0.00243	1	10/02/06 15:39	SW846 8260B	6095673
Xylenes, total	ND		mg/kg dry	0.00608	1	10/02/06 15:39	SW846 8260B	6095673
Surr: 1,2-Dichloroethane-d4 (72-125%)	120 %					10/02/06 15:39	SW846 8260B	6095673
Surr: Dibromofluoromethane (73-124%)	99 %					10/02/06 15:39	SW846 8260B	6095673
Surr: Toluene-d8 (80-124%)	106 %					10/02/06 15:39	SW846 8260B	6095673
Surr: 4-Bromofluorobenzene (25-185%)	115 %					10/02/06 15:39	SW846 8260B	6095673
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Acenaphthylene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Anthracene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Benzo (a) anthracene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Benzo (a) pyrene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Benzo (b) fluoranthene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Benzo (k) fluoranthene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Chrysene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Fluoranthene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Fluorene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Naphthalene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Phenanthrene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Pyrene	ND		mg/kg dry	0.0809	1	10/03/06 05:39	SW846 8270C	6094835
Surr: Terphenyl-d14 (41-117%)	69 %					10/03/06 05:39	SW846 8270C	6094835
Surr: 2-Fluorobiphenyl (35-106%)	49 %					10/03/06 05:39	SW846 8270C	6094835
Surr: Nitrobenzene-d5 (10-153%)	49 %					10/03/06 05:39	SW846 8270C	6094835

Client F & ME Consultants (2201)
 P. O. Box 5855
 Columbia, SC 29250
 Attn Robert Powell

Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI3570-02 (B-1 - Water) Sampled: 09/25/06 11:07								
Total Metals by EPA Method 6010B								
Lead	0.00540		mg/L	0.00500	1	09/29/06 16:59	SW846 6010B	6095442
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	8.95		ug/L	1.00	1	10/04/06 00:11	SW846 8260B	6100260
Ethylbenzene	ND		ug/L	1.00	1	10/04/06 00:11	SW846 8260B	6100260
Methyl tert-Butyl Ether	733		ug/L	10.0	10	10/04/06 15:32	SW846 8260B	6100731
Naphthalene	23.7		ug/L	5.00	1	10/04/06 00:11	SW846 8260B	6100260
Toluene	ND		ug/L	1.00	1	10/04/06 00:11	SW846 8260B	6100260
Xylenes, total	ND		ug/L	3.00	1	10/04/06 00:11	SW846 8260B	6100260
Surr: 1,2-Dichloroethane-d4 (70-130%)	100 %					10/04/06 00:11	SW846 8260B	6100260
Surr: 1,2-Dichloroethane-d4 (70-130%)	102 %					10/04/06 15:32	SW846 8260B	6100731
Surr: Dibromofluoromethane (79-122%)	101 %					10/04/06 00:11	SW846 8260B	6100260
Surr: Dibromofluoromethane (79-122%)	102 %					10/04/06 15:32	SW846 8260B	6100731
Surr: Toluene-d8 (78-121%)	96 %					10/04/06 00:11	SW846 8260B	6100260
Surr: Toluene-d8 (78-121%)	83 %					10/04/06 15:32	SW846 8260B	6100731
Surr: 4-Bromofluorobenzene (78-126%)	109 %					10/04/06 00:11	SW846 8260B	6100260
Surr: 4-Bromofluorobenzene (78-126%)	103 %					10/04/06 15:32	SW846 8260B	6100731
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Acenaphthylene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Anthracene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Benzo (a) anthracene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Benzo (a) pyrene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Benzo (b) fluoranthene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Benzo (g,h,i) perylene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Benzo (k) fluoranthene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Chrysene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Dibenz (a,h) anthracene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Fluoranthene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Fluorene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Indeno (1,2,3-cd) pyrene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Naphthalene	13.8	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Phenanthrene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Pyrene	ND	S10	ug/L	2.08	1	10/02/06 17:36	SW846 8270C	6095410
Surr: Terphenyl-d14 (31-111%)	67 %	S10				10/02/06 17:36	SW846 8270C	6095410
Surr: 2-Fluorobiphenyl (33-101%)	77 %	S10				10/02/06 17:36	SW846 8270C	6095410
Surr: Nitrobenzene-d5 (31-112%)	73 %	S10				10/02/06 17:36	SW846 8270C	6095410

Client F & ME Consultants (2201)
 P. O. Box 5855
 Columbia, SC 29250
 Attn Robert Powell

Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI3570-03 (B-2 - Soil) Sampled: 09/25/06 12:39								
General Chemistry Parameters								
% Dry Solids	83.0		%	0.500	1	10/02/06 14:43	SW-846	6095653
Total Metals by EPA Method 6010B								
Lead	16.8		mg/kg dry	1.20	1	09/29/06 14:38	SW846 6010B	6095308
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	0.0275		mg/kg dry	0.0167	50	09/29/06 22:02	SW846 8260B	6094661
Ethylbenzene	4.20		mg/kg dry	0.727	500	10/02/06 16:11	SW846 8260B	6095673
Methyl tert-Butyl Ether	ND		mg/kg dry	0.0167	50	09/29/06 22:02	SW846 8260B	6094661
Naphthalene	17.4		mg/kg dry	1.82	500	10/02/06 16:11	SW846 8260B	6095673
Toluene	ND		mg/kg dry	0.0167	50	09/29/06 22:02	SW846 8260B	6094661
Xylenes, total	0.0680		mg/kg dry	0.0417	50	09/29/06 22:02	SW846 8260B	6094661
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	92 %					09/29/06 22:02	SW846 8260B	6094661
<i>Surr: 1,2-Dichloroethane-d4 (72-125%)</i>	86 %					10/02/06 16:11	SW846 8260B	6095673
<i>Surr: Dibromofluoromethane (73-124%)</i>	89 %					09/29/06 22:02	SW846 8260B	6094661
<i>Surr: Dibromofluoromethane (73-124%)</i>	94 %					10/02/06 16:11	SW846 8260B	6095673
<i>Surr: Toluene-d8 (80-124%)</i>	115 %					09/29/06 22:02	SW846 8260B	6094661
<i>Surr: Toluene-d8 (80-124%)</i>	103 %					10/02/06 16:11	SW846 8260B	6095673
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	141 %					09/29/06 22:02	SW846 8260B	6094661
<i>Surr: 4-Bromofluorobenzene (25-185%)</i>	100 %					10/02/06 16:11	SW846 8260B	6095673
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Acenaphthylene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Anthracene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Benzo (a) anthracene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Benzo (a) pyrene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Benzo (b) fluoranthene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Benzo (k) fluoranthene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Chrysene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Fluoranthene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Fluorene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Naphthalene	0.866		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Phenanthrene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
Pyrene	ND		mg/kg dry	0.0803	1	10/03/06 06:02	SW846 8270C	6094835
<i>Surr: Terphenyl-d14 (41-117%)</i>	75 %					10/03/06 06:02	SW846 8270C	6094835
<i>Surr: 2-Fluorobiphenyl (35-106%)</i>	62 %					10/03/06 06:02	SW846 8270C	6094835
<i>Surr: Nitrobenzene-d5 (10-153%)</i>	65 %					10/03/06 06:02	SW846 8270C	6094835

Client F & ME Consultants (2201)
 P. O. Box 5855
 Columbia, SC 29250
 Attn Robert Powell

Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPI3570-04 (B-2 - Water) Sampled: 09/25/06 01:30								
Total Metals by EPA Method 6010B								
Lead	0.0416		mg/L	0.00500	1	09/29/06 17:03	SW846 6010B	6095442
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	30.5		ug/L	1.00	1	10/03/06 19:30	SW846 8260B	6100547
Ethylbenzene	19.4		ug/L	1.00	1	10/03/06 19:30	SW846 8260B	6100547
Methyl tert-Butyl Ether	23.4		ug/L	1.00	1	10/03/06 19:30	SW846 8260B	6100547
Naphthalene	7.41		ug/L	5.00	1	10/03/06 19:30	SW846 8260B	6100547
Toluene	ND		ug/L	1.00	1	10/03/06 19:30	SW846 8260B	6100547
Xylenes, total	ND		ug/L	3.00	1	10/03/06 19:30	SW846 8260B	6100547
Surr: 1,2-Dichloroethane-d4 (70-130%)	102 %					10/03/06 19:30	SW846 8260B	6100547
Surr: Dibromofluoromethane (79-122%)	100 %					10/03/06 19:30	SW846 8260B	6100547
Surr: Toluene-d8 (78-121%)	98 %					10/03/06 19:30	SW846 8260B	6100547
Surr: 4-Bromofluorobenzene (78-126%)	103 %					10/03/06 19:30	SW846 8260B	6100547

Client F & ME Consultants (2201)
 P. O. Box 5855
 Columbia, SC 29250
 Attn Robert Powell

Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270C							
SW846 8270C	6094835	NPI3570-01	30.23	1.00	10/02/06 09:25	ACB	EPA 3550B
SW846 8270C	6095410	NPI3570-02	960.00	1.00	09/29/06 12:35	JLS	EPA 3510C
SW846 8270C	6094835	NPI3570-03	30.14	1.00	10/02/06 09:25	ACB	EPA 3550B
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	6095673	NPI3570-01	5.00	5.00	09/25/06 10:35	NKN	EPA 5035
SW846 8260B	6094661	NPI3570-03	36.08	5.00	09/25/06 12:39	NKN	EPA 5035
SW846 8260B	6095673	NPI3570-03RE1	8.29	5.00	09/25/06 12:39	NKN	EPA 5035
Total Metals by EPA Method 6010B							
SW846 6010B	6095308	NPI3570-01	0.51	100.00	09/28/06 14:33	AMB	EPA 3051
SW846 6010B	6095442	NPI3570-02	50.00	50.00	09/29/06 11:30	JLS	EPA 3010A
SW846 6010B	6095308	NPI3570-03	0.50	100.00	09/28/06 14:33	AMB	EPA 3051
SW846 6010B	6095442	NPI3570-04	50.00	50.00	09/29/06 11:30	JLS	EPA 3010A

Client F & ME Consultants (2201)
 P. O. Box 5855
 Columbia, SC 29250
 Attn Robert Powell

Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA Method 6010B						
6095308-BLK1						
Lead	0.533		mg/kg wet	6095308	6095308-BLK1	09/29/06 13:08
6095442-BLK1						
Lead	<0.00220		mg/L	6095442	6095442-BLK1	09/29/06 16:36
Selected Volatile Organic Compounds by EPA Method 8260B						
6094661-BLK1						
Benzene	<0.000500		mg/kg wet	6094661	6094661-BLK1	09/29/06 13:37
Ethylbenzene	<0.000500		mg/kg wet	6094661	6094661-BLK1	09/29/06 13:37
Methyl tert-Butyl Ether	<0.000880		mg/kg wet	6094661	6094661-BLK1	09/29/06 13:37
Naphthalene	0.00540		mg/kg wet	6094661	6094661-BLK1	09/29/06 13:37
Toluene	<0.000970		mg/kg wet	6094661	6094661-BLK1	09/29/06 13:37
Xylenes, total	<0.00148		mg/kg wet	6094661	6094661-BLK1	09/29/06 13:37
Surrogate: 1,2-Dichloroethane-d4	92%			6094661	6094661-BLK1	09/29/06 13:37
Surrogate: Dibromofluoromethane	95%			6094661	6094661-BLK1	09/29/06 13:37
Surrogate: Toluene-d8	99%			6094661	6094661-BLK1	09/29/06 13:37
Surrogate: 4-Bromofluorobenzene	100%			6094661	6094661-BLK1	09/29/06 13:37
6095673-BLK1						
Benzene	<0.000500		mg/kg wet	6095673	6095673-BLK1	10/02/06 14:04
Ethylbenzene	<0.000500		mg/kg wet	6095673	6095673-BLK1	10/02/06 14:04
Methyl tert-Butyl Ether	<0.000880		mg/kg wet	6095673	6095673-BLK1	10/02/06 14:04
Naphthalene	0.00453		mg/kg wet	6095673	6095673-BLK1	10/02/06 14:04
Toluene	<0.000970		mg/kg wet	6095673	6095673-BLK1	10/02/06 14:04
Xylenes, total	<0.00148		mg/kg wet	6095673	6095673-BLK1	10/02/06 14:04
Surrogate: 1,2-Dichloroethane-d4	109%			6095673	6095673-BLK1	10/02/06 14:04
Surrogate: Dibromofluoromethane	102%			6095673	6095673-BLK1	10/02/06 14:04
Surrogate: Toluene-d8	101%			6095673	6095673-BLK1	10/02/06 14:04
Surrogate: 4-Bromofluorobenzene	101%			6095673	6095673-BLK1	10/02/06 14:04
6100260-BLK1						
Benzene	<0.290		ug/L	6100260	6100260-BLK1	10/03/06 22:47
Ethylbenzene	<0.340		ug/L	6100260	6100260-BLK1	10/03/06 22:47
Methyl tert-Butyl Ether	<0.320		ug/L	6100260	6100260-BLK1	10/03/06 22:47
Naphthalene	<1.13		ug/L	6100260	6100260-BLK1	10/03/06 22:47
Toluene	<0.280		ug/L	6100260	6100260-BLK1	10/03/06 22:47
Xylenes, total	<0.820		ug/L	6100260	6100260-BLK1	10/03/06 22:47
Surrogate: 1,2-Dichloroethane-d4	100%			6100260	6100260-BLK1	10/03/06 22:47
Surrogate: Dibromofluoromethane	102%			6100260	6100260-BLK1	10/03/06 22:47
Surrogate: Toluene-d8	104%			6100260	6100260-BLK1	10/03/06 22:47
Surrogate: 4-Bromofluorobenzene	101%			6100260	6100260-BLK1	10/03/06 22:47

Client F & ME Consultants (2201)
 P. O. Box 5855
 Columbia, SC 29250
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Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
6100547-BLK1						
Benzene	<0.290		ug/L	6100547	6100547-BLK1	10/03/06 11:03
Ethylbenzene	<0.340		ug/L	6100547	6100547-BLK1	10/03/06 11:03
Methyl tert-Butyl Ether	<0.320		ug/L	6100547	6100547-BLK1	10/03/06 11:03
Naphthalene	<1.13		ug/L	6100547	6100547-BLK1	10/03/06 11:03
Toluene	<0.280		ug/L	6100547	6100547-BLK1	10/03/06 11:03
Xylenes, total	<0.820		ug/L	6100547	6100547-BLK1	10/03/06 11:03
Surrogate: 1,2-Dichloroethane-d4	100%			6100547	6100547-BLK1	10/03/06 11:03
Surrogate: Dibromofluoromethane	102%			6100547	6100547-BLK1	10/03/06 11:03
Surrogate: Toluene-d8	107%			6100547	6100547-BLK1	10/03/06 11:03
Surrogate: 4-Bromofluorobenzene	99%			6100547	6100547-BLK1	10/03/06 11:03
6100731-BLK1						
Benzene	<0.290		ug/L	6100731	6100731-BLK1	10/04/06 09:32
Ethylbenzene	<0.340		ug/L	6100731	6100731-BLK1	10/04/06 09:32
Methyl tert-Butyl Ether	<0.320		ug/L	6100731	6100731-BLK1	10/04/06 09:32
Naphthalene	<1.13		ug/L	6100731	6100731-BLK1	10/04/06 09:32
Toluene	<0.280		ug/L	6100731	6100731-BLK1	10/04/06 09:32
Xylenes, total	<0.820		ug/L	6100731	6100731-BLK1	10/04/06 09:32
Surrogate: 1,2-Dichloroethane-d4	101%			6100731	6100731-BLK1	10/04/06 09:32
Surrogate: Dibromofluoromethane	101%			6100731	6100731-BLK1	10/04/06 09:32
Surrogate: Toluene-d8	83%			6100731	6100731-BLK1	10/04/06 09:32
Surrogate: 4-Bromofluorobenzene	99%			6100731	6100731-BLK1	10/04/06 09:32
Polyaromatic Hydrocarbons by EPA 8270C						
6094835-BLK1						
Acenaphthene	<0.0170		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Acenaphthylene	<0.0160		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Anthracene	<0.0130		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Benzo (a) anthracene	<0.0150		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Benzo (a) pyrene	<0.0110		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Benzo (b) fluoranthene	<0.0180		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Benzo (g,h,i) perylene	<0.0170		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Benzo (k) fluoranthene	<0.0230		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Chrysene	<0.0230		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Dibenz (a,h) anthracene	<0.0150		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Fluoranthene	<0.0150		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Fluorene	<0.0390		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Indeno (1,2,3-cd) pyrene	<0.0150		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Naphthalene	<0.0250		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Phenanthrene	<0.0120		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Pyrene	<0.0140		mg/kg wet	6094835	6094835-BLK1	10/03/06 00:31
Surrogate: Terphenyl-d14	87%			6094835	6094835-BLK1	10/03/06 00:31

Client F & ME Consultants (2201)
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Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C						
6094835-BLK1						
Surrogate: 2-Fluorobiphenyl	77%			6094835	6094835-BLK1	10/03/06 00:31
Surrogate: Nitrobenzene-d5	78%			6094835	6094835-BLK1	10/03/06 00:31
6095410-BLK1						
Acenaphthene	<1.60		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Acenaphthylene	<1.50		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Anthracene	<0.900		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Benzo (a) anthracene	<1.10		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Benzo (a) pyrene	<0.900		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Benzo (b) fluoranthene	<1.70		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Benzo (g,h,i) perylene	<0.800		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Benzo (k) fluoranthene	<1.50		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Chrysene	<1.00		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Dibenz (a,h) anthracene	<1.00		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Fluoranthene	<1.20		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Fluorene	<1.20		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Naphthalene	<1.50		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Phenanthrene	<1.20		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Pyrene	<1.10		ug/L	6095410	6095410-BLK1	10/02/06 16:01
Surrogate: Terphenyl-d14	93%			6095410	6095410-BLK1	10/02/06 16:01
Surrogate: 2-Fluorobiphenyl	89%			6095410	6095410-BLK1	10/02/06 16:01
Surrogate: Nitrobenzene-d5	89%			6095410	6095410-BLK1	10/02/06 16:01

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Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
6095308-BS1								
Lead	100	103		mg/kg wet	103%	80 - 120	6095308	09/29/06 13:13
6095442-BS1								
Lead	0.0500	0.0507		mg/L	101%	80 - 120	6095442	09/29/06 16:40
Selected Volatile Organic Compounds by EPA Method 8260B								
6094661-BS1								
Benzene	50.0	52.0		ug/kg	104%	76 - 123	6094661	09/29/06 13:06
Ethylbenzene	50.0	50.4		ug/kg	101%	77 - 125	6094661	09/29/06 13:06
Methyl tert-Butyl Ether	50.0	47.4		ug/kg	95%	63 - 140	6094661	09/29/06 13:06
Naphthalene	50.0	60.0	B	ug/kg	120%	55 - 144	6094661	09/29/06 13:06
Toluene	50.0	52.3		ug/kg	105%	79 - 122	6094661	09/29/06 13:06
Xylenes, total	150	154		ug/kg	103%	76 - 126	6094661	09/29/06 13:06
Surrogate: 1,2-Dichloroethane-d4	50.0	46.9			94%	72 - 125	6094661	09/29/06 13:06
Surrogate: Dibromofluoromethane	50.0	48.7			97%	73 - 124	6094661	09/29/06 13:06
Surrogate: Toluene-d8	50.0	49.3			99%	80 - 124	6094661	09/29/06 13:06
Surrogate: 4-Bromofluorobenzene	50.0	51.4			103%	25 - 185	6094661	09/29/06 13:06
6095673-BS1								
Benzene	0.0500	0.0534		mg/kg wet	107%	76 - 123	6095673	10/02/06 13:32
Ethylbenzene	0.0500	0.0527		mg/kg wet	105%	77 - 125	6095673	10/02/06 13:32
Methyl tert-Butyl Ether	0.0500	0.0591		mg/kg wet	118%	63 - 140	6095673	10/02/06 13:32
Naphthalene	0.0500	0.0706		mg/kg wet	141%	55 - 144	6095673	10/02/06 13:32
Toluene	0.0500	0.0538		mg/kg wet	108%	79 - 122	6095673	10/02/06 13:32
Xylenes, total	0.150	0.159		mg/kg wet	106%	76 - 126	6095673	10/02/06 13:32
Surrogate: 1,2-Dichloroethane-d4	50.0	52.7			105%	72 - 125	6095673	10/02/06 13:32
Surrogate: Dibromofluoromethane	50.0	52.3			105%	73 - 124	6095673	10/02/06 13:32
Surrogate: Toluene-d8	50.0	50.3			101%	80 - 124	6095673	10/02/06 13:32
Surrogate: 4-Bromofluorobenzene	50.0	51.3			103%	25 - 185	6095673	10/02/06 13:32
6100260-BS1								
Benzene	50.0	48.7		ug/L	97%	78 - 122	6100260	10/03/06 21:51
Ethylbenzene	50.0	45.3		ug/L	91%	82 - 122	6100260	10/03/06 21:51
Methyl tert-Butyl Ether	50.0	46.9		ug/L	94%	65 - 144	6100260	10/03/06 21:51
Naphthalene	50.0	47.7		ug/L	95%	64 - 144	6100260	10/03/06 21:51
Toluene	50.0	50.9		ug/L	102%	80 - 120	6100260	10/03/06 21:51
Xylenes, total	150	140		ug/L	93%	81 - 125	6100260	10/03/06 21:51
Surrogate: 1,2-Dichloroethane-d4	50.0	48.9			98%	70 - 130	6100260	10/03/06 21:51
Surrogate: Dibromofluoromethane	50.0	50.6			101%	79 - 122	6100260	10/03/06 21:51
Surrogate: Toluene-d8	50.0	49.0			98%	78 - 121	6100260	10/03/06 21:51
Surrogate: 4-Bromofluorobenzene	50.0	44.4			89%	78 - 126	6100260	10/03/06 21:51

Client F & ME Consultants (2201)
 P. O. Box 5855
 Columbia, SC 29250
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Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
6100547-BS1								
Benzene	50.0	49.8		ug/L	100%	78 - 122	6100547	10/03/06 10:07
Ethylbenzene	50.0	46.6		ug/L	93%	82 - 122	6100547	10/03/06 10:07
Methyl tert-Butyl Ether	50.0	47.2		ug/L	94%	65 - 144	6100547	10/03/06 10:07
Naphthalene	50.0	47.7		ug/L	95%	64 - 144	6100547	10/03/06 10:07
Toluene	50.0	52.7		ug/L	105%	80 - 120	6100547	10/03/06 10:07
Xylenes, total	150	145		ug/L	97%	81 - 125	6100547	10/03/06 10:07
Surrogate: 1,2-Dichloroethane-d4	50.0	48.6			97%	70 - 130	6100547	10/03/06 10:07
Surrogate: Dibromofluoromethane	50.0	49.8			100%	79 - 122	6100547	10/03/06 10:07
Surrogate: Toluene-d8	50.0	49.4			99%	78 - 121	6100547	10/03/06 10:07
Surrogate: 4-Bromofluorobenzene	50.0	44.5			89%	78 - 126	6100547	10/03/06 10:07
6100731-BS1								
Benzene	50.0	57.6		ug/L	115%	78 - 122	6100731	10/04/06 08:35
Ethylbenzene	50.0	49.8		ug/L	100%	82 - 122	6100731	10/04/06 08:35
Methyl tert-Butyl Ether	50.0	55.3		ug/L	111%	65 - 144	6100731	10/04/06 08:35
Naphthalene	50.0	42.6		ug/L	85%	64 - 144	6100731	10/04/06 08:35
Toluene	50.0	49.1		ug/L	98%	80 - 120	6100731	10/04/06 08:35
Xylenes, total	150	156		ug/L	104%	81 - 125	6100731	10/04/06 08:35
Surrogate: 1,2-Dichloroethane-d4	50.0	51.9			104%	70 - 130	6100731	10/04/06 08:35
Surrogate: Dibromofluoromethane	50.0	52.4			105%	79 - 122	6100731	10/04/06 08:35
Surrogate: Toluene-d8	50.0	47.4			95%	78 - 121	6100731	10/04/06 08:35
Surrogate: 4-Bromofluorobenzene	50.0	48.9			98%	78 - 126	6100731	10/04/06 08:35
Polyaromatic Hydrocarbons by EPA 8270C								
6094835-BS1								
Acenaphthene	1.67	1.37		mg/kg wet	82%	50 - 111	6094835	10/03/06 00:54
Acenaphthylene	1.67	1.40		mg/kg wet	84%	51 - 114	6094835	10/03/06 00:54
Anthracene	1.67	1.48		mg/kg wet	89%	51 - 122	6094835	10/03/06 00:54
Benzo (a) anthracene	1.67	1.45		mg/kg wet	87%	51 - 116	6094835	10/03/06 00:54
Benzo (a) pyrene	1.67	1.57		mg/kg wet	94%	46 - 130	6094835	10/03/06 00:54
Benzo (b) fluoranthene	1.67	1.65		mg/kg wet	99%	42 - 130	6094835	10/03/06 00:54
Benzo (g,h,i) perylene	1.67	1.41		mg/kg wet	84%	40 - 133	6094835	10/03/06 00:54
Benzo (k) fluoranthene	1.67	1.27		mg/kg wet	76%	44 - 129	6094835	10/03/06 00:54
Chrysene	1.67	1.44		mg/kg wet	86%	51 - 116	6094835	10/03/06 00:54
Dibenz (a,h) anthracene	1.67	1.47		mg/kg wet	88%	45 - 131	6094835	10/03/06 00:54
Fluoranthene	1.67	1.48		mg/kg wet	89%	53 - 117	6094835	10/03/06 00:54
Fluorene	1.67	1.44		mg/kg wet	86%	53 - 111	6094835	10/03/06 00:54
Indeno (1,2,3-cd) pyrene	1.67	1.43		mg/kg wet	86%	43 - 131	6094835	10/03/06 00:54
Naphthalene	1.67	1.22		mg/kg wet	73%	47 - 107	6094835	10/03/06 00:54
Phenanthrene	1.67	1.39		mg/kg wet	83%	52 - 113	6094835	10/03/06 00:54
Pyrene	1.67	1.38		mg/kg wet	83%	50 - 119	6094835	10/03/06 00:54
Surrogate: Terphenyl-d14	1.67	1.32			79%	41 - 117	6094835	10/03/06 00:54

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Work Order: NPI3570
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 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C								
6094835-BS1								
Surrogate: 2-Fluorobiphenyl	1.67	1.23			74%	35 - 106	6094835	10/03/06 00:54
Surrogate: Nitrobenzene-d5	1.67	1.15			69%	10 - 153	6094835	10/03/06 00:54
6095410-BS1								
Acenaphthene	50.0	23.0		ug/L	46%	46 - 108	6095410	10/02/06 16:25
Acenaphthylene	50.0	23.7		ug/L	47%	47 - 110	6095410	10/02/06 16:25
Anthracene	50.0	25.4	L2	ug/L	51%	54 - 123	6095410	10/02/06 16:25
Benzo (a) anthracene	50.0	24.3	L2	ug/L	49%	55 - 117	6095410	10/02/06 16:25
Benzo (a) pyrene	50.0	25.6	L2	ug/L	51%	54 - 124	6095410	10/02/06 16:25
Benzo (b) fluoranthene	50.0	23.7	L2	ug/L	47%	49 - 126	6095410	10/02/06 16:25
Benzo (g,h,i) perylene	50.0	24.6		ug/L	49%	42 - 131	6095410	10/02/06 16:25
Benzo (k) fluoranthene	50.0	24.7	L2	ug/L	49%	51 - 128	6095410	10/02/06 16:25
Chrysene	50.0	23.4	L2	ug/L	47%	54 - 118	6095410	10/02/06 16:25
Dibenz (a,h) anthracene	50.0	26.0		ug/L	52%	44 - 131	6095410	10/02/06 16:25
Fluoranthene	50.0	24.4	L2	ug/L	49%	57 - 117	6095410	10/02/06 16:25
Fluorene	50.0	24.0	L2	ug/L	48%	51 - 111	6095410	10/02/06 16:25
Indeno (1,2,3-cd) pyrene	50.0	24.9		ug/L	50%	44 - 132	6095410	10/02/06 16:25
Naphthalene	50.0	21.4		ug/L	43%	38 - 95	6095410	10/02/06 16:25
Phenanthrene	50.0	23.8	L2	ug/L	48%	55 - 113	6095410	10/02/06 16:25
Pyrene	50.0	23.5	L2	ug/L	47%	57 - 117	6095410	10/02/06 16:25
Surrogate: Terphenyl-d14	50.2	21.5			43%	31 - 111	6095410	10/02/06 16:25
Surrogate: 2-Fluorobiphenyl	50.2	21.1			42%	33 - 101	6095410	10/02/06 16:25
Surrogate: Nitrobenzene-d5	50.2	21.1			42%	31 - 112	6095410	10/02/06 16:25

Client F & ME Consultants (2201)
 P. O. Box 5855
 Columbia, SC 29250
 Attn Robert Powell

Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
6095308-BSD1												
Lead		102		mg/kg wet	100	102%	80 - 120	1	20	6095308		09/29/06 13:17

Client F & ME Consultants (2201)
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 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
6095308-MS1										
Lead	5.27	123		mg/kg dry	116	101%	75 - 125	6095308	NPI2993-01	09/29/06 13:26
6095442-MS1										
Lead	ND	0.0530		mg/L	0.0500	106%	75 - 125	6095442	NPI3667-02	09/29/06 17:44
Selected Volatile Organic Compounds by EPA Method 8260B										
6094661-MS1										
Benzene	ND	50.0		ug/kg	50.0	100%	48 - 138	6094661	NPI3147-04	09/29/06 22:34
Ethylbenzene	ND	38.6		ug/kg	50.0	77%	19 - 146	6094661	NPI3147-04	09/29/06 22:34
Methyl tert-Butyl Ether	ND	57.6		ug/kg	50.0	115%	47 - 148	6094661	NPI3147-04	09/29/06 22:34
Naphthalene	ND	58.4	B	ug/kg	50.0	117%	16 - 162	6094661	NPI3147-04	09/29/06 22:34
Toluene	ND	48.0		ug/kg	50.0	96%	40 - 143	6094661	NPI3147-04	09/29/06 22:34
Xylenes, total	ND	115		ug/kg	150	77%	19 - 143	6094661	NPI3147-04	09/29/06 22:34
Surrogate: 1,2-Dichloroethane-d4		45.6		ug/kg	50.0	91%	72 - 125	6094661	NPI3147-04	09/29/06 22:34
Surrogate: Dibromofluoromethane		47.1		ug/kg	50.0	94%	73 - 124	6094661	NPI3147-04	09/29/06 22:34
Surrogate: Toluene-d8		52.3		ug/kg	50.0	105%	80 - 124	6094661	NPI3147-04	09/29/06 22:34
Surrogate: 4-Bromofluorobenzene		50.3		ug/kg	50.0	101%	25 - 185	6094661	NPI3147-04	09/29/06 22:34
6095673-MS1										
Benzene	0.00396	0.0537		mg/kg wet	0.0500	99%	48 - 138	6095673	NPI3975-04	10/02/06 21:59
Ethylbenzene	0.00134	0.0481		mg/kg wet	0.0500	94%	19 - 146	6095673	NPI3975-04	10/02/06 21:59
Methyl tert-Butyl Ether	0.00127	0.0647		mg/kg wet	0.0500	127%	47 - 148	6095673	NPI3975-04	10/02/06 21:59
Naphthalene	ND	0.0631		mg/kg wet	0.0500	126%	16 - 162	6095673	NPI3975-04	10/02/06 21:59
Toluene	0.00398	0.0529		mg/kg wet	0.0500	98%	40 - 143	6095673	NPI3975-04	10/02/06 21:59
Xylenes, total	0.00285	0.148		mg/kg wet	0.150	97%	19 - 143	6095673	NPI3975-04	10/02/06 21:59
Surrogate: 1,2-Dichloroethane-d4		48.0		ug/kg	50.0	96%	72 - 125	6095673	NPI3975-04	10/02/06 21:59
Surrogate: Dibromofluoromethane		47.9		ug/kg	50.0	96%	73 - 124	6095673	NPI3975-04	10/02/06 21:59
Surrogate: Toluene-d8		49.2		ug/kg	50.0	98%	80 - 124	6095673	NPI3975-04	10/02/06 21:59
Surrogate: 4-Bromofluorobenzene		50.6		ug/kg	50.0	101%	25 - 185	6095673	NPI3975-04	10/02/06 21:59
6100260-MS1										
Benzene	ND	53.0		ug/L	50.0	106%	74 - 133	6100260	NPI2992-02	10/04/06 06:44
Ethylbenzene	ND	53.2		ug/L	50.0	106%	74 - 134	6100260	NPI2992-02	10/04/06 06:44
Methyl tert-Butyl Ether	ND	50.2		ug/L	50.0	100%	58 - 151	6100260	NPI2992-02	10/04/06 06:44
Naphthalene	ND	54.1		ug/L	50.0	108%	47 - 154	6100260	NPI2992-02	10/04/06 06:44
Toluene	ND	57.6		ug/L	50.0	115%	73 - 133	6100260	NPI2992-02	10/04/06 06:44
Xylenes, total	ND	159		ug/L	150	106%	68 - 139	6100260	NPI2992-02	10/04/06 06:44
Surrogate: 1,2-Dichloroethane-d4		50.8		ug/L	50.0	102%	70 - 130	6100260	NPI2992-02	10/04/06 06:44
Surrogate: Dibromofluoromethane		51.1		ug/L	50.0	102%	79 - 122	6100260	NPI2992-02	10/04/06 06:44

Client F & ME Consultants (2201)
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Work Order: NPI3570
 Project Name: F & ME Consultants
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 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
6100260-MS1										
Surrogate: Toluene-d8		51.2		ug/L	50.0	102%	78 - 121	6100260	NPI2992-02	10/04/06 06:44
Surrogate: 4-Bromofluorobenzene		45.0		ug/L	50.0	90%	78 - 126	6100260	NPI2992-02	10/04/06 06:44
6100547-MS1										
Benzene	30.5	85.5		ug/L	50.0	110%	74 - 133	6100547	NPI3570-04	10/03/06 19:58
Ethylbenzene	19.4	77.3		ug/L	50.0	116%	74 - 134	6100547	NPI3570-04	10/03/06 19:58
Methyl tert-Butyl Ether	23.4	79.6		ug/L	50.0	112%	58 - 151	6100547	NPI3570-04	10/03/06 19:58
Naphthalene	7.41	60.1		ug/L	50.0	105%	47 - 154	6100547	NPI3570-04	10/03/06 19:58
Toluene	ND	56.7		ug/L	50.0	113%	73 - 133	6100547	NPI3570-04	10/03/06 19:58
Xylenes, total	ND	160		ug/L	150	107%	68 - 139	6100547	NPI3570-04	10/03/06 19:58
Surrogate: 1,2-Dichloroethane-d4		48.6		ug/L	50.0	97%	70 - 130	6100547	NPI3570-04	10/03/06 19:58
Surrogate: Dibromofluoromethane		49.3		ug/L	50.0	99%	79 - 122	6100547	NPI3570-04	10/03/06 19:58
Surrogate: Toluene-d8		49.1		ug/L	50.0	98%	78 - 121	6100547	NPI3570-04	10/03/06 19:58
Surrogate: 4-Bromofluorobenzene		45.2		ug/L	50.0	90%	78 - 126	6100547	NPI3570-04	10/03/06 19:58
6100731-MS1										
Benzene	ND	61.4		ug/L	50.0	123%	74 - 133	6100731	NPI3281-01	10/04/06 18:46
Ethylbenzene	ND	58.0		ug/L	50.0	116%	74 - 134	6100731	NPI3281-01	10/04/06 18:46
Methyl tert-Butyl Ether	ND	53.7		ug/L	50.0	107%	58 - 151	6100731	NPI3281-01	10/04/06 18:46
Naphthalene	7.11	44.4		ug/L	50.0	75%	47 - 154	6100731	NPI3281-01	10/04/06 18:46
Toluene	ND	57.5		ug/L	50.0	115%	73 - 133	6100731	NPI3281-01	10/04/06 18:46
Xylenes, total	ND	184		ug/L	150	123%	68 - 139	6100731	NPI3281-01	10/04/06 18:46
Surrogate: 1,2-Dichloroethane-d4		49.6		ug/L	50.0	99%	70 - 130	6100731	NPI3281-01	10/04/06 18:46
Surrogate: Dibromofluoromethane		49.6		ug/L	50.0	99%	79 - 122	6100731	NPI3281-01	10/04/06 18:46
Surrogate: Toluene-d8		48.5		ug/L	50.0	97%	78 - 121	6100731	NPI3281-01	10/04/06 18:46
Surrogate: 4-Bromofluorobenzene		47.1		ug/L	50.0	94%	78 - 126	6100731	NPI3281-01	10/04/06 18:46
Polyaromatic Hydrocarbons by EPA 8270C										
6095410-MS1										
Acenaphthene	ND	53.4		ug/L	55.6	96%	44 - 110	6095410	NPI3609-06	10/02/06 16:49
Acenaphthylene	ND	54.1		ug/L	55.6	97%	44 - 112	6095410	NPI3609-06	10/02/06 16:49
Anthracene	ND	56.8		ug/L	55.6	102%	49 - 127	6095410	NPI3609-06	10/02/06 16:49
Benzo (a) anthracene	ND	55.4		ug/L	55.6	100%	50 - 121	6095410	NPI3609-06	10/02/06 16:49
Benzo (a) pyrene	ND	57.9		ug/L	55.6	104%	48 - 130	6095410	NPI3609-06	10/02/06 16:49
Benzo (b) fluoranthene	ND	59.3		ug/L	55.6	107%	39 - 136	6095410	NPI3609-06	10/02/06 16:49
Benzo (g,h,i) perylene	ND	56.1		ug/L	55.6	101%	35 - 137	6095410	NPI3609-06	10/02/06 16:49
Benzo (k) fluoranthene	ND	51.7		ug/L	55.6	93%	43 - 137	6095410	NPI3609-06	10/02/06 16:49
Chrysene	ND	54.6		ug/L	55.6	98%	49 - 122	6095410	NPI3609-06	10/02/06 16:49

Client F & ME Consultants (2201)
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Work Order: NPI3570
 Project Name: F & ME Consultants
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 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C										
6095410-MS1										
Dibenz (a,h) anthracene	ND	59.0		ug/L	55.6	106%	38 - 135	6095410	NPI3609-06	10/02/06 16:49
Fluoranthene	ND	57.7		ug/L	55.6	104%	51 - 122	6095410	NPI3609-06	10/02/06 16:49
Fluorene	ND	55.2		ug/L	55.6	99%	48 - 114	6095410	NPI3609-06	10/02/06 16:49
Indeno (1,2,3-cd) pyrene	ND	56.6		ug/L	55.6	102%	39 - 135	6095410	NPI3609-06	10/02/06 16:49
Naphthalene	ND	46.3		ug/L	55.6	83%	31 - 99	6095410	NPI3609-06	10/02/06 16:49
Phenanthrene	ND	54.3		ug/L	55.6	98%	50 - 117	6095410	NPI3609-06	10/02/06 16:49
Pyrene	ND	54.1		ug/L	55.6	97%	52 - 122	6095410	NPI3609-06	10/02/06 16:49
Surrogate: Terphenyl-d14		48.0		ug/L	55.8	86%	31 - 111	6095410	NPI3609-06	10/02/06 16:49
Surrogate: 2-Fluorobiphenyl		46.2		ug/L	55.8	83%	33 - 101	6095410	NPI3609-06	10/02/06 16:49
Surrogate: Nitrobenzene-d5		42.0		ug/L	55.8	75%	31 - 112	6095410	NPI3609-06	10/02/06 16:49

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 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
6095308-MSD1												
Lead	5.27	117		ng/kg dry	114	98%	75 - 125	5	20	6095308	NPI2993-01	09/29/06 13:31
6095442-MSD1												
Lead	ND	0.0531		mg/L	0.0500	106%	75 - 125	0.2	20	6095442	NPI3667-02	09/29/06 17:49
Selected Volatile Organic Compounds by EPA Method 8260B												
6094661-MSD1												
Benzene	ND	48.8		ug/kg	50.0	98%	48 - 138	2	34	6094661	NPI3147-04	09/29/06 23:06
Ethylbenzene	ND	35.1		ug/kg	50.0	70%	19 - 146	9	44	6094661	NPI3147-04	09/29/06 23:06
Methyl tert-Butyl Ether	ND	57.2		ug/kg	50.0	114%	47 - 148	0.7	39	6094661	NPI3147-04	09/29/06 23:06
Naphthalene	ND	47.9	B	ug/kg	50.0	96%	16 - 162	20	48	6094661	NPI3147-04	09/29/06 23:06
Toluene	ND	44.4		ug/kg	50.0	89%	40 - 143	8	41	6094661	NPI3147-04	09/29/06 23:06
Xylenes, total	ND	103		ug/kg	150	69%	19 - 143	11	44	6094661	NPI3147-04	09/29/06 23:06
Surrogate: 1,2-Dichloroethane-d4		46.1		ug/kg	50.0	92%	72 - 125			6094661	NPI3147-04	09/29/06 23:06
Surrogate: Dibromofluoromethane		45.9		ug/kg	50.0	92%	73 - 124			6094661	NPI3147-04	09/29/06 23:06
Surrogate: Toluene-d8		51.0		ug/kg	50.0	102%	80 - 124			6094661	NPI3147-04	09/29/06 23:06
Surrogate: 4-Bromofluorobenzene		50.6		ug/kg	50.0	101%	25 - 185			6094661	NPI3147-04	09/29/06 23:06
6095673-MSD1												
Benzene	0.00396	0.0568		mg/kg wet	0.0500	106%	48 - 138	6	34	6095673	NPI3975-04	10/02/06 22:31
Ethylbenzene	0.00134	0.0535		mg/kg wet	0.0500	104%	19 - 146	11	44	6095673	NPI3975-04	10/02/06 22:31
Methyl tert-Butyl Ether	0.00127	0.0688		mg/kg wet	0.0500	135%	47 - 148	6	39	6095673	NPI3975-04	10/02/06 22:31
Naphthalene	ND	0.0700		mg/kg wet	0.0500	140%	16 - 162	10	48	6095673	NPI3975-04	10/02/06 22:31
Toluene	0.00398	0.0570		mg/kg wet	0.0500	106%	40 - 143	7	41	6095673	NPI3975-04	10/02/06 22:31
Xylenes, total	0.00285	0.162		mg/kg wet	0.150	106%	19 - 143	9	44	6095673	NPI3975-04	10/02/06 22:31
Surrogate: 1,2-Dichloroethane-d4		46.5		ug/kg	50.0	93%	72 - 125			6095673	NPI3975-04	10/02/06 22:31
Surrogate: Dibromofluoromethane		48.3		ug/kg	50.0	97%	73 - 124			6095673	NPI3975-04	10/02/06 22:31
Surrogate: Toluene-d8		51.7		ug/kg	50.0	103%	80 - 124			6095673	NPI3975-04	10/02/06 22:31
Surrogate: 4-Bromofluorobenzene		49.4		ug/kg	50.0	99%	25 - 185			6095673	NPI3975-04	10/02/06 22:31
6100260-MSD1												
Benzene	ND	52.9		ug/L	50.0	106%	74 - 133	0.2	19	6100260	NPI2992-02	10/04/06 07:12
Ethylbenzene	ND	54.7		ug/L	50.0	109%	74 - 134	3	21	6100260	NPI2992-02	10/04/06 07:12
Methyl tert-Butyl Ether	ND	53.5		ug/L	50.0	107%	58 - 151	6	28	6100260	NPI2992-02	10/04/06 07:12
Naphthalene	ND	57.4		ug/L	50.0	115%	47 - 154	6	43	6100260	NPI2992-02	10/04/06 07:12
Toluene	ND	57.6		ug/L	50.0	115%	73 - 133	0	20	6100260	NPI2992-02	10/04/06 07:12
Xylenes, total	ND	159		ug/L	150	106%	68 - 139	0	23	6100260	NPI2992-02	10/04/06 07:12
Surrogate: 1,2-Dichloroethane-d4		49.7		ug/L	50.0	99%	70 - 130			6100260	NPI2992-02	10/04/06 07:12
Surrogate: Dibromofluoromethane		50.0		ug/L	50.0	100%	79 - 122			6100260	NPI2992-02	10/04/06 07:12
Surrogate: Toluene-d8		51.5		ug/L	50.0	103%	78 - 121			6100260	NPI2992-02	10/04/06 07:12
Surrogate: 4-Bromofluorobenzene		46.8		ug/L	50.0	94%	78 - 126			6100260	NPI2992-02	10/04/06 07:12

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Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
6100547-MSD1												
Benzene	30.5	88.6		ug/L	50.0	116%	74 - 133	4	19	6100547	NPI3570-04	10/03/06 20:26
Ethylbenzene	19.4	81.6		ug/L	50.0	124%	74 - 134	5	21	6100547	NPI3570-04	10/03/06 20:26
Methyl tert-Butyl Ether	23.4	86.9		ug/L	50.0	127%	58 - 151	9	28	6100547	NPI3570-04	10/03/06 20:26
Naphthalene	7.41	65.2		ug/L	50.0	116%	47 - 154	8	43	6100547	NPI3570-04	10/03/06 20:26
Toluene	ND	61.6		ug/L	50.0	123%	73 - 133	8	20	6100547	NPI3570-04	10/03/06 20:26
Xylenes, total	ND	172		ug/L	150	115%	68 - 139	7	23	6100547	NPI3570-04	10/03/06 20:26
Surrogate: 1,2-Dichloroethane-d4		48.4		ug/L	50.0	97%	70 - 130			6100547	NPI3570-04	10/03/06 20:26
Surrogate: Dibromofluoromethane		49.3		ug/L	50.0	99%	79 - 122			6100547	NPI3570-04	10/03/06 20:26
Surrogate: Toluene-d8		48.6		ug/L	50.0	97%	78 - 121			6100547	NPI3570-04	10/03/06 20:26
Surrogate: 4-Bromofluorobenzene		48.4		ug/L	50.0	97%	78 - 126			6100547	NPI3570-04	10/03/06 20:26
6100731-MSD1												
Benzene	ND	60.4		ug/L	50.0	121%	74 - 133	2	19	6100731	NPI3281-01	10/04/06 19:13
Ethylbenzene	ND	55.3		ug/L	50.0	111%	74 - 134	5	21	6100731	NPI3281-01	10/04/06 19:13
Methyl tert-Butyl Ether	ND	55.8		ug/L	50.0	112%	58 - 151	4	28	6100731	NPI3281-01	10/04/06 19:13
Naphthalene	7.11	45.3		ug/L	50.0	76%	47 - 154	2	43	6100731	NPI3281-01	10/04/06 19:13
Toluene	ND	54.4		ug/L	50.0	109%	73 - 133	6	20	6100731	NPI3281-01	10/04/06 19:13
Xylenes, total	ND	176		ug/L	150	117%	68 - 139	4	23	6100731	NPI3281-01	10/04/06 19:13
Surrogate: 1,2-Dichloroethane-d4		48.9		ug/L	50.0	98%	70 - 130			6100731	NPI3281-01	10/04/06 19:13
Surrogate: Dibromofluoromethane		48.5		ug/L	50.0	97%	79 - 122			6100731	NPI3281-01	10/04/06 19:13
Surrogate: Toluene-d8		46.9		ug/L	50.0	94%	78 - 121			6100731	NPI3281-01	10/04/06 19:13
Surrogate: 4-Bromofluorobenzene		48.2		ug/L	50.0	96%	78 - 126			6100731	NPI3281-01	10/04/06 19:13
Polyaromatic Hydrocarbons by EPA 8270C												
6095410-MSD1												
Acenaphthene	ND	43.0		ug/L	55.6	77%	44 - 110	22	41	6095410	NPI3609-06	10/02/06 17:12
Acenaphthylene	ND	44.0		ug/L	55.6	79%	44 - 112	21	33	6095410	NPI3609-06	10/02/06 17:12
Anthracene	ND	49.3		ug/L	55.6	89%	49 - 127	14	38	6095410	NPI3609-06	10/02/06 17:12
Benzo (a) anthracene	ND	48.1		ug/L	55.6	87%	50 - 121	14	35	6095410	NPI3609-06	10/02/06 17:12
Benzo (a) pyrene	ND	50.3		ug/L	55.6	90%	48 - 130	14	37	6095410	NPI3609-06	10/02/06 17:12
Benzo (b) fluoranthene	ND	50.6		ug/L	55.6	91%	39 - 136	16	37	6095410	NPI3609-06	10/02/06 17:12
Benzo (g,h,i) perylene	ND	47.8		ug/L	55.6	86%	35 - 137	16	36	6095410	NPI3609-06	10/02/06 17:12
Benzo (k) fluoranthene	ND	42.9		ug/L	55.6	77%	43 - 137	19	40	6095410	NPI3609-06	10/02/06 17:12
Chrysene	ND	47.3		ug/L	55.6	85%	49 - 122	14	35	6095410	NPI3609-06	10/02/06 17:12
Dibenz (a,h) anthracene	ND	49.9		ug/L	55.6	90%	38 - 135	17	41	6095410	NPI3609-06	10/02/06 17:12
Fluoranthene	ND	50.2		ug/L	55.6	90%	51 - 122	14	34	6095410	NPI3609-06	10/02/06 17:12
Fluorene	ND	45.9		ug/L	55.6	83%	48 - 114	18	36	6095410	NPI3609-06	10/02/06 17:12
Indeno (1,2,3-cd) pyrene	ND	47.7		ug/L	55.6	86%	39 - 135	17	41	6095410	NPI3609-06	10/02/06 17:12
Naphthalene	ND	37.7		ug/L	55.6	68%	31 - 99	20	44	6095410	NPI3609-06	10/02/06 17:12
Phenanthrene	ND	46.6		ug/L	55.6	84%	50 - 117	15	39	6095410	NPI3609-06	10/02/06 17:12
Pyrene	ND	47.3		ug/L	55.6	85%	52 - 122	13	35	6095410	NPI3609-06	10/02/06 17:12

Client F & ME Consultants (2201)
 P. O. Box 5855
 Columbia, SC 29250
 Attn Robert Powell

Work Order: NPI3570
 Project Name: F & ME Consultants
 Project Number: E4303.23 / 2309 Russell St.
 Received: 09/27/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C											
6095410-MSD1											
<i>Surrogate: Terphenyl-d14</i>		42.0		ug/L	55.8	75%	31 - 111		6095410	NPI3609-06	10/02/06 17:12
<i>Surrogate: 2-Fluorobiphenyl</i>		38.0		ug/L	55.8	68%	33 - 101		6095410	NPI3609-06	10/02/06 17:12
<i>Surrogate: Nitrobenzene-d5</i>		35.3		ug/L	55.8	63%	31 - 112		6095410	NPI3609-06	10/02/06 17:12

Client F & ME Consultants (2201)
P. O. Box 5855
Columbia, SC 29250
Attn Robert Powell

Work Order: NPI3570
Project Name: F & ME Consultants
Project Number: E4303.23 / 2309 Russell St.
Received: 09/27/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	South Carolina
SW846 6010B	Soil	N/A	X	X
SW846 6010B	Water	N/A	X	X
SW846 8260B	Soil	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW846 8270C	Soil	N/A	X	X
SW846 8270C	Water	N/A	X	X
SW-846	Soil			

Client F & ME Consultants (2201)
P. O. Box 5855
Columbia, SC 29250
Attn Robert Powell

Work Order: NPI3570
Project Name: F & ME Consultants
Project Number: E4303.23 / 2309 Russell St.
Received: 09/27/06 08:00

DATA QUALIFIERS AND DEFINITIONS

B Analyte was detected in the associated Method Blank.
L2 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
S10 Insufficient sample available for reanalysis.

METHOD MODIFICATION NOTES

TestAmerica

ANALYTICAL TESTING CORPORATION

10/04/06 23:59
 NPI3570

Client Name: F&ME CONSULTANTS Client #: 2201
 Address: P.O. BOX 5855
 City/State/Zip Code: COLUMBIA, S.C. 29250
 Project Manager: ROBERT POWELL
 Telephone Number: (803) 254-4540 Fax: (803) 254-4542
 Sampler Name: (Print Name) ROBERT POWELL
 Sampler Signature: Robert Powell

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
 Compliance Monitoring NO

Project Name: 2309 RUSSELL ST.
 Project #: E4303.23
 Site/Location ID: CRANFORD State: SC
 Report To: F&ME CONSULTANTS (R. POWELL)
 Invoice To: F&ME CONSULTANTS
 Quote #: 7/25/06 PO#: E4303.23

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix Preservation & # of Containers						Other (Specify)	REMARKS	
					ST - Sludge DW - Drinking Water	GW - Groundwater S - Soil/Solid	WW - Wastewater	HCl	HNO ₃	Methanol			None
B-1	9-25	10:30	G		1	1	1	1	1	1	1		
B-1	9-25	10:32	G		1	1	1	1	1	1	1		
B-1	9-25	10:33	G		1	1	1	1	1	1	1		
B-1	9-25	10:35	G		1	1	1	1	1	1	1		
B-1	9-25	11:00	G		1	1	1	1	1	1	1		
B-1	9-25	11:05	G		1	1	1	1	1	1	1		
B-1	9-25	11:07	G		1	1	1	1	1	1	1		

Analyze For: CEAT
PAH
OTX + MTBE

QC Deliverables
 None
 Level 2 (Batch QC)
 Level 3
 Level 4
 Other: _____

Special instructions:

LABORATORY COMMENTS:
 Init Lab Temp: _____
 Rec Lab Temp: 60
 Custody Seals: Y N N/A
 Bottles Supplied by Test America: Y N
 Method of Shipment: _____

Relinquished By: <u>Robert Powell</u>	Date: <u>9/25/06</u>	Time: <u>7:30</u>	Received By: _____	Date: _____	Time: _____
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: <u>9/25/06</u>	Time: <u>000</u>
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: <u>9/25/06</u>	Time: <u>000</u>

TestAmerica

ANALYTICAL TESTING CORPORATION

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name: FAME CONSULTANTS Client #: 2201
 Address: P.O. Box 5855
 City/State/Zip Code: COLUMBIA, S.C. 29250
 Project Manager: ROBERT POWELL
 Telephone Number: (803) 254-4540 Fax: (803) 254-4542
 Sampler Name: (Print Name) ROBERT POWELL
 Sampler Signature: Robert Powell

Project Name: 2309 RUSSELL ST.
 Project #: E4303.23
 Site/Location ID: ORANGEBURG State: SC
 Report To: FAME CONSULTANTS (R. POWELL)
 Invoice To: FAME CONSULTANTS
 Quote #: 7/25/06 PO#: E4303.23

TAT <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush (surcharges may apply)	Date Needed: <u>10/4/06</u>	Fax Results: <u>(Y) N</u>	Date Sampled	Time Sampled	Field Filtered	Matrix				Preservation & # of Containers				Analyze For:	QC Deliverables	REMARKS
						SL - Sludge DW - Drinking Water	GW - Groundwater S - Soil/Solid	WW - Wastewater	Specify Other	HNO ₃	HCl	NO ₂ / NO ₃	Methanol			
B-2	9-25	12:30	G	G = Grab, C = Composite												
B-2	9-25	12:35	G													
B-2	9-25	12:37	G													
B-2	9-25	12:39	G													
B-2	9-25	1:20	G													
B-2	9-25	1:25	G													
B-2	9-25	1:30	G													

Special Instructions:

LABORATORY COMMENTS:
 Init Lab Temp: _____
 Rec Lab Temp: 6.0
 Custody Seals: Y N N/A
 Bottles Supplied by Test America: Y N
 Method of Shipment: _____

Relinquished By: <u>Robert Powell</u>	Date: <u>9/26/06</u>	Time: <u>2:30</u>	Received By: _____	Date: _____	Time: _____
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: <u>9/27/06</u>	Time: <u>8:00</u>
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: _____	Time: _____



BC#

NPI3570

Cooler Received/Opened On: 9/27/2006 8:00
1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 5245

FED-EX

Temperature of representative sample or temperature blank when opened: 6.0 Degrees Celsius
(indicate IR Gun ID#)

101507

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... WS

6. Were custody seals on containers: YES NO and Intact YES NO NA
were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
Plastic bag Paper Other None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... WS

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... WS

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... WS

I certify that I attached a label with the unique LIMS number to each container (initial)..... WS

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # 39731

NOT USED
** MISSING 6 LITER FOR SAMPLE B-2 (WATER)*
WS

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address

13K2894

4. Generator's Phone ()

SC STATE UNIVERSITY
2309 RUSSELL STREET
ORANEBURG, SC

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

C. Facility's Phone

G & K TANK SERVICES, INC
5020 BROAD STREET EXT
SUMTER, SC 29151

11. Waste Shipping Name and Description

12. Containers

13. Total Quantity

14. Unit Wt/Vol

a. NON-HAZARDOUS PETROLEUM CONTAMINATED SOIL
PROFILE #1019

No.

Type

Quantity

Unit Wt/Vol

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

E & ME CONSULTANTS
PO BOX 3893
COLUMBIA, SC 29205

3 F

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

T/S/D/F COPY

71

23

GENERATOR

TRANSPORTER

FACILITY



Broad St. Extension • PO Box 1384 • Sumter, SC 29151
(803) 494-2694 • 1-800-800-6840 • FAX: (803) 494-8598

Certificate of Disposal

Tons 1 Drum Contaminant NonHazardous Petroleum
SC State University Contaminated Soil
Orangeburg, SC

This is to certify the above soil has been processed and disposed of by G & K Tank Services, Inc., in accordance with and exceeding EPA regulations on petroleum contaminated soils.

Certified by S. Gullett Date 09/27/06



South Carolina Department of Health
and Environmental Control

UNDERGROUND STORAGE TANK PROGRAM
BUREAU OF LAND AND WASTE MANAGEMENT
2600 Bull Street, Columbia, South Carolina 29201
Telephone (803) 896-6240 Fax (803) 898-6245

October 12, 2007

Bernie Wright
P.O. Box 275
Orangeburg, SC 29116

Re: Vacant Lot
2309 Russell St., Orangeburg, SC
Permit ID #19268

Dear Mr. Wright:

The UST Program has reviewed an environmental assessment performed at the above referenced location. Petroleum constituents were discovered in excess of the South Carolina Risk Based Screening Levels; therefore, additional assessment will be required.

The report has been referred to the UST Program's Corrective Action Section. A project manager will forward a written directive explaining in the requirements of the assessment and cleanup process.

If you have any questions, please contact me at (803) 896-6944 or via email at placedm@dhec.sc.gov.

Sincerely,

Denise M. Place
UST Regulatory Assistance Section
Regulatory Compliance Division
Bureau of Land and Waste Management

UST PROGRAM
DOCKETING # 2209



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

November 1, 2006

19268

Mr. Bernie Wright
P.O. Box 275
Orangeburg, SC 29116

Re: Underground Storage Tank (UST) Information
Vacant lot at 2309 Russell St., Orangeburg, SC

Dear Mr. Wright:

During a recent Phase II Environmental Site Assessment at the above referenced location, F&ME Consultants encountered previously undisclosed USTs.

Enclosed please find copies of the "Notification for Underground Storage Tanks No Longer in Operation" form, a tank closure information packet, and the Underground Storage Tank Assessment Guidelines. Please complete and return to the UST Program.

Register the tanks by completing the "Notification for Underground Storage Tanks No Longer in Operation" form and submitting that completed form to us. Voluntary registration of the tanks will ensure that any petroleum release will maintain its eligibility for coverage by the State Underground Petroleum Environmental Response Bank (SUPERB) Account. For each eligible and qualified release, the SUPERB Account will pay up to one million dollars in costs for site rehabilitation activities and third party lawsuits once the tank owner satisfies a \$25,000 deductible.

Permanently close the tanks by either filling them in place or having them removed from the ground. To do this, the tank owner should first complete the "Tank and Sludge Disposal" form (in the tank closure information packet) and submit it to us at least thirty days prior to the closure event. Our Permitting coordinator, Ms. Alison Hathcock, can be reached at (803) 896-6942. She will be happy to answer any questions regarding the tank closure process.

Ensure that the required closure report is submitted to us within the required timeframe and includes all necessary supplemental documentation. Because contamination has been documented, sampling will not need to be done. The format for the closure report can be found in Attachment 1 of the UST Assessment Guidelines (pages 13-25). Please note: The tank owner must sign the closure report in Section V. (page 14).

UST PROGRAM
DOCKETING # 3 Reg

As always, you are welcome to contact me at (803) 896-6944 for further assistance.

Sincerely,

Denise M. Place, Geotechnical Project Manager
UST Regulatory Assistance Section
Regulatory Compliance Division
Bureau of Land and Waste Management

Enclosures (3): Tank registration form, Tank Closure information packet, UST
Assessment Guidelines

cc without enclosures: Alison Hathcock, BLWM -UST
Patti Ellis, BLWM-UST



UST Compliance Inspection Notice of Violation Underground Storage Tank Program

3-14-08

Date

Bernie Wright

Owner

Operator

P.O. Box 275

Address

Address

Orangeburg, SC 29116

RE: NOTICE OF VIOLATION

Vacant Lot

19268

Facility name, Permit ID#

2309 Russell St.

Address

Orangeburg, SC 29116

Dear Mr. Wright:

On _____ a compliance inspection of the underground storage tank (UST) system(s) was performed at this facility.
(Date)

PART ONE: Items identified in this part require immediate attention.

Section 280

- .10(e) Introduction of petroleum or petroleum products into an UST for which the owner does not hold a currently valid registration.
- .20/.21 Failure to equip a permitted or upgraded site with spill, overfill, and corrosion protection.
- .41 Failure to equip pressurized line with an automatic line leak detector.
- .61 Failure to report a release.
- .62 Failure to abate a confirmed release.

Because the violations indicated in this section could prevent access to the SUPERB account, please correct them immediately. This situation is being referred to the Enforcement Section for further action.

UST PROGRAM
DOCKETING #

49 Reg

How To Get In Compliance

FACILITY: Vacant lot PERMIT ID#: A268 DATE: 3-11-08

Mail requested information to: Compliance Section, UST Program, 2600 Bull Street, Columbia, SC, 29201.

Send the following:

- Completed and signed notification form
- Completed and signed Application for Permit to Install
- Completed and signed Application for Permit to Operate
- Completed and signed Release Report
- Repair and testing records for _____
- Results of:
 - Tank tightness test
 - Piping tightness test
 - Corrosion protection system test
 - Line leak detector function check
 - Annual function check for _____
- Monthly inventory control logs for _____
- SIR records for _____
- Third party certification for _____
- Proof of suction system check valve location
- Monthly tank and/or line monitoring logs (monitoring wells, ATGs, electronic leak detectors, etc.)
- Rectifier log for _____
- Financial responsibility information

Run the following tests and send a copy of the results:

- Line leak detector function check
- Piping tightness test
- Tank tightness test
- Corrosion protection system test
- Site check (use the Assessment Guidelines)
- Other _____

Install the following and send a copy of the invoice:

- Line leak detector on each pressurized line
- Spill prevention equipment
- Overfill prevention equipment
- Corrosion protection on _____
- Drop tubes in fill pipe
- New gauging stick
- Other _____

Start doing the following:

- Daily inventory measurements
- Measurements to 1/8"
- Leak check at end of month
- Water measurement
- Monthly test using ATG
- Monthly piping test (eld)
- Manual tank gauging
- Maintain rectifier log

Empty tanks to less than one inch and send in documentation.

Other: _____

If you have questions about any of these items, call the UST compliance staff at 1-803-896-7957.

Important Test Dates for your Site:

Cathodic Protection System test (3 years) Due Date _____

Line Leak Detector Function Check (annual) Due Date _____

Sump Sensor Function Check (annual) Due Date _____

Line Tightness Test (annual/3 years) Due Date _____

Tank Tightness Test annual/5 years) Due Date _____

PART TWO: Further violations noted by the inspector were:

Section 280.

- ____ . 34(a) Failure to provide records to the Department upon request.
- ____ . 41(b)(i)(ii) Failure to conduct an annual line tightness test on pressurized line or have monthly monitoring.
- ____ . 41(b)(2) Failure to conduct a line tightness test every 3 years on "American" suction piping.
- ____ . 50 Failure to report a suspected release.
- ____ . 111 Failure to maintain Certificate of Financial Responsibility on site.
- ____ . 40(a) Failure to provide an adequate release detection method.
- ____ . 30(a) Failure to ensure that releases due to spilling or overfilling do not occur.
- ____ . 31(a) Failure to maintain and operate cathodic protection system.
- ____ . 31(b1) Failure to conduct 3-year cathodic protection system test.
- ____ . 31(c) Failure to conduct 60-day inspection of impressed current system.
- ____ . 44(a) Failure to conduct annual test of automatic line leak detectors.

Other

____ . ____
____ . ____

Part Three: Comments:

Contamination has been documented on this property. The underground storage tanks need to be emptied to less than ~~1~~ 1 inch in order to abate the release.

The attached list identifies the actions needed to bring the facility into compliance. By 3-28-08 send proof of the corrective actions you have taken to:
Date

Compliance Section, UST Program
2600 Bull Street
Columbia, South Carolina, 29201.

Please use the Permit ID number on correspondence. If you have questions, call the UST Compliance Section, at (803) 896-7957, Fax (803) 896-6245. Website www.scdhec.gov/ust.

Sincerely,

Denise M. Place
UST Program

Permit ID # 19268

Receipt
acknowledged.

Certified Mail

91 7108 2133 3933 7192 6172
Owner/Operator Representative

Print Name

Date



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Track & Confirm

19218

Search Results

Label/Receipt Number: **9171 0821 3339 3371 9261 72**
Status: **Delivered**

Your item was delivered at 12:08 PM on March 18, 2008 in ORANGEBURG, SC 29115.

[Additional Details >](#)

[Return to USPS.com Home >](#)

[Go >](#)

Track & Confirm

Enter Label/Receipt Number.

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No FEAR Act EEO Data

FOIA



Equal Opportunity
Non-discrimination



Accessibility
Non-discrimination

4a 209

Underground Storage Tank System Release Investigation Worksheet



Site ID # N-19268

Facility Name Vacant Lot

Owner Name Bernie Write

Reported by _____

How Discovered _____

Product type _____

Date discovered 3-10-08

Date investigated _____

Inspector McAllister

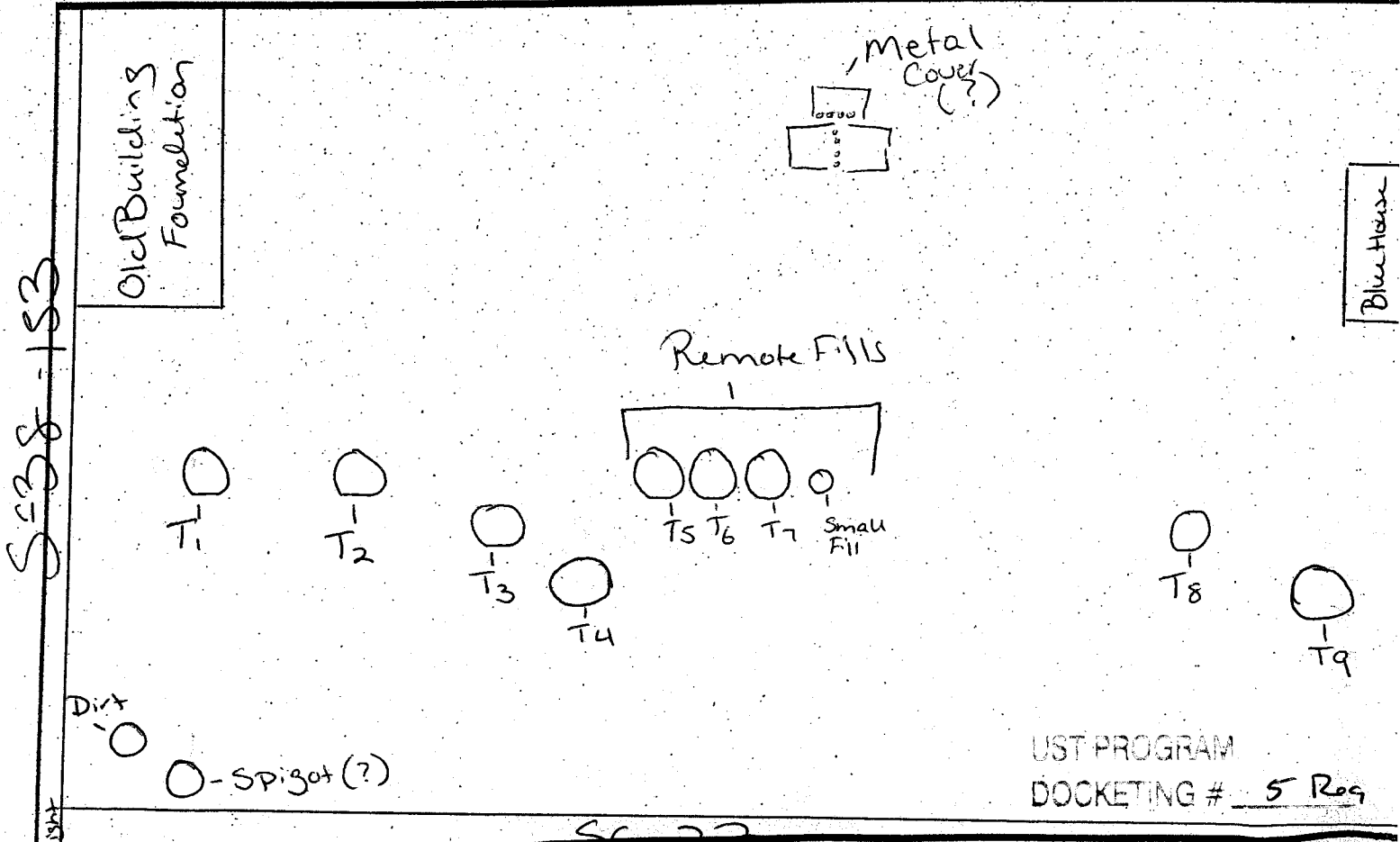
Stuck Tanks
Release Location & Extent: T1 = 11" Gas T2 = 28" Black Oil (?)

T3 = 4" Gunk T4 = 44.5" Gas T5-T7 & Small Fill look to

Possible Source: be remote fills. T8 = 5" T9 = 3.5"

Possible Cause: _____

(Sketch Site Map Below. Include the following: release location, all associated UST equipment such as dispensers & tanks, monitoring wells, above ground storage tanks and dispensers, nearby buildings, storm drains, ditches, etc. Capture photographic evidence of cause and extent)





SCSU STADIUM

JM&C
MORTGAGE
Professional & Personal
Mortgage Services
Call: 800-888-8888
1000 UNIVERSITY AVE - COLUMBIA, SC





NO
PARKING
ON
PAVEMENT

ORANGEBURG COUNTY ASSESSOR'S OFFICE

Sales History

Building A Brighter Future Our Citizens!!

0173-11-04-005.000

[Click here to
close](#)

[New Search](#) [Base Info](#) [Residential](#) [Commercial](#) [Outbuildings](#)
[Land Use](#) [Sales History](#) [Tax History](#) [Map It!](#)

The complete sales history for this parcel may not be available on this page.
A complete record is maintained in the Orangeburg County Register of Deeds Office.

DATE OF SALE	DEED		PLAT		SALE CLASS	SALE PRICE	PREVIOUS OWNER
	BOOK	PAGE	BOOK	PAGE			
11/1/1983	0491	0771	0000	0000	9	5	WRIGHT BENNIE
12/1/1979	0458	0703			0	75,000	SULTON JAMES E./A.E.

Information current as of: 7/10/2006.
Last reassessment: 2003

All information subject to disclaimer.

[Go Home Page](#) [New Search](#)

UST PROGRAM
 DOCKETING # 7R

ORANGEBURG COUNTY

Taxes Billed For Parcel ID: 0173-11-04-005.000 ----Click here to view tax map for this parcel.

Buidling A Brighter Future For Our Citizens!!

[Click here to close](#)

- * Tax bill information is updated between 5:00 & 5:30 pm daily.
 - * Bill to Names in Green indicate taxes are paid.
 - * Bill to Names in Red indicate taxes paid from Delq. Tax Sale.
- Type: 91 = Real Estate 92 = Mobile Home

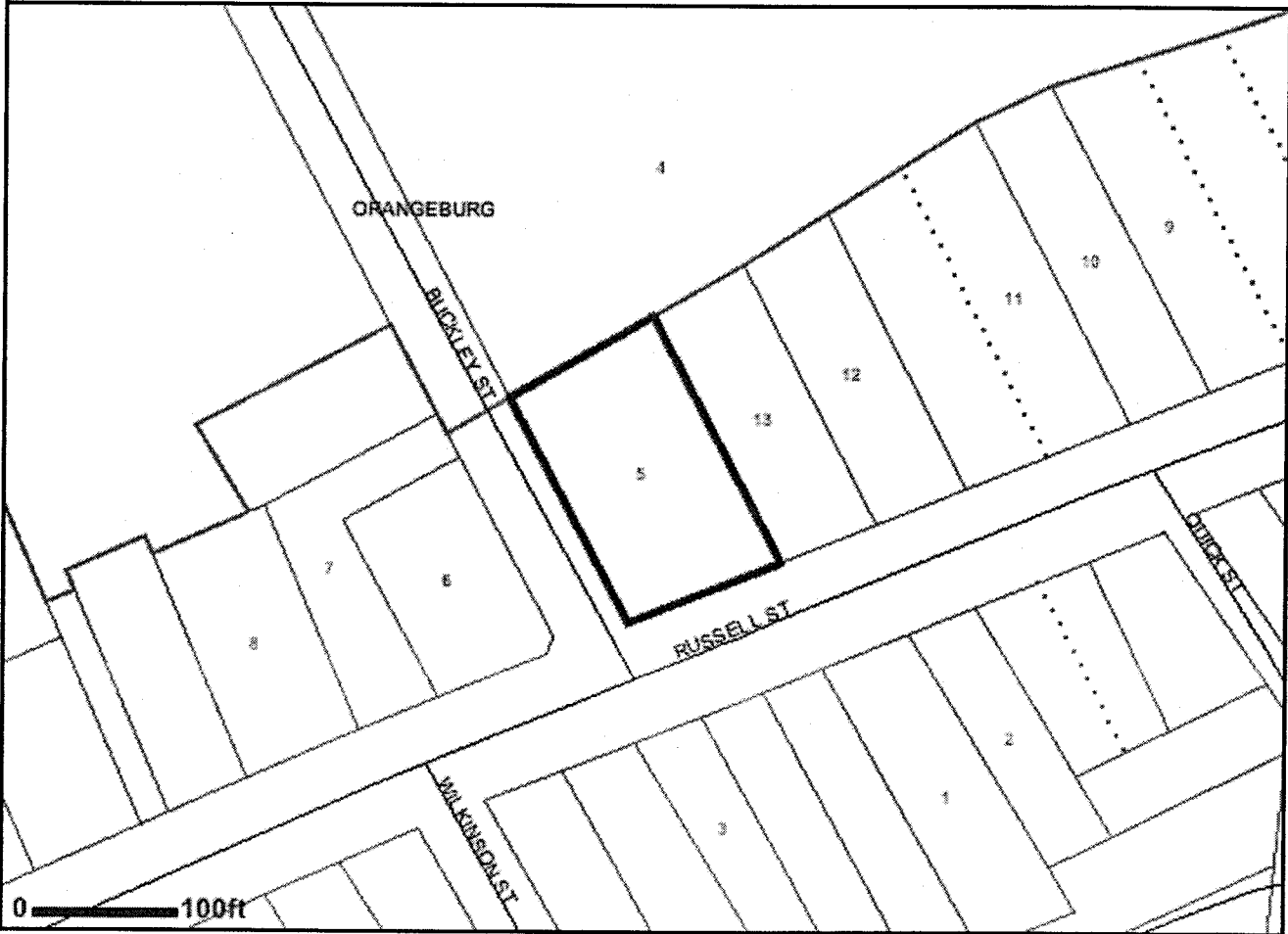
[Click here to view assessment information for this parcel.](#)

[Click here to start a new search.](#)

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Bill to Name	Tax Receipt Year #	Type	District	Assessed Value	xMillage=	Gross Taxes	- Homestead	- Residential Tax Relief =	Net Taxes Billed	Taxes Due
WRIGHT BERNIE LEE &	20051732882	91	59	420x	331 =	\$139.02	-	\$0.00 =	\$139.02	Paid
WRIGHT BERNIE LEE &	20041732998	91	59	420x	328.2 =	\$137.84	-	\$0.00 =	\$137.84	Paid
WRIGHT BERNIE LEE &	20031729816	91	59	420x	326.2 =	\$137.00	-	\$0.00 =	\$137.00	Paid
WRIGHT BERNIE LEE &	20021733251	91	59	558x	334.5 =	\$186.65	-	\$0.00 =	\$186.65	Paid
WRIGHT BERNIE LEE &	20011802615	91	59	558x	320.5 =	\$178.84	-	\$0.00 =	\$178.84	Paid
WRIGHT BERNIE LEE &	20001733333	91	59	558x	316.5 =	\$176.61	-	\$0.00 =	\$176.61	Paid
WRIGHT BERNIE LEE &	19991832728	91	59	558x	306.5 =	\$171.03	-	\$0.00 =	\$171.03	Paid
WRIGHT BERNIE LEE &	19981735259	91	59	558x	308.5 =	\$172.14	-	\$0.00 =	\$172.14	Paid
WRIGHT BERNIE LEE	19971564831	91	59	330x	318.5 =	\$105.11	-	\$0.00 =	\$105.11	Paid
WRIGHT BERNIE LEE	19961435769	91	50	330x	295 =	\$97.35	-	\$0.00 =	\$97.35	Paid
WRIGHT BERNIE LEE	19958035755	91	50	330x	297 =	\$98.01	-	\$0.00 =	\$98.01	Paid
WRIGHT BERNIE LEE	19943602381	91	50	330x	303 =	\$99.99	-	\$0.00 =	\$99.99	Paid
WRIGHT BERNIE LEE	19935504634	91	50	330x	308 =	\$101.64	-	\$0.00 =	\$101.64	Paid

All information subject to disclaimer.





19268

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

November 1, 2006

Mr. Bernie Wright
P.O. Box 275
Orangeburg, SC 29116

Re: Underground Storage Tank (UST) Information
Vacant lot at 2309 Russell St., Orangeburg, SC

Dear Mr. Wright:

During a recent Phase II Environmental Site Assessment at the above referenced location, F&ME Consultants encountered previously undisclosed USTs.

Enclosed please find copies of the "Notification for Underground Storage Tanks No Longer in Operation" form, a tank closure information packet, and the Underground Storage Tank Assessment Guidelines. Please complete and return to the UST Program.

Register the tanks by completing the "Notification for Underground Storage Tanks No Longer in Operation" form and submitting that completed form to us. Voluntary registration of the tanks will ensure that any petroleum release will maintain its eligibility for coverage by the State Underground Petroleum Environmental Response Bank (SUPERB) Account. For each eligible and qualified release, the SUPERB Account will pay up to one million dollars in costs for site rehabilitation activities and third party lawsuits once the tank owner satisfies a \$25,000 deductible.

Permanently close the tanks by either filling them in place or having them removed from the ground. To do this, the tank owner should first complete the "Tank and Sludge Disposal" form (in the tank closure information packet) and submit it to us at least thirty days prior to the closure event. Our Permitting coordinator, Ms. Alison Hathcock, can be reached at (803) 896-6942. She will be happy to answer any questions regarding the tank closure process.

Ensure that the required closure report is submitted to us within the required timeframe and includes all necessary supplemental documentation. Because contamination has been documented, sampling will not need to be done. The format for the closure report can be found in Attachment 1 of the UST Assessment Guidelines (pages 13-25). Please note: The tank owner must sign the closure report in Section V. (page 14).

UST PROGRAM

BOOKETING #

8 R

As always, you are welcome to contact me at (803) 896-6944 for further assistance.

Sincerely,

Denise M. Place

Denise M. Place, Geotechnical Project Manager
UST Regulatory Assistance Section
Regulatory Compliance Division
Bureau of Land and Waste Management

Enclosures (3): Tank registration form, Tank Closure information packet, UST
Assessment Guidelines

cc without enclosures: Alison Hathcock, BLWM –UST
Patti Ellis, BLWM-UST



UST Compliance Inspection Notice of Violation Underground Storage Tank Program

Bernie Wright Owner 12-12-06 Date
P.O. Box 275 Address _____ Operator
Orangeburg, SC 29116 Address _____ Address

RE: NOTICE OF VIOLATION

Vacant lot 19268 Facility name, Permit ID#
2309 Russell St. Address
Orangeburg, SC

Dear Bernie Wright :

On _____ a compliance inspection of the underground storage tank (UST) system(s) was performed at this facility.
(Date)

PART ONE: Items identified in this part require immediate attention.

- Section 280**
- .10(e) Introduction of petroleum or petroleum products into an UST for which the owner does not hold a currently valid registration.
 - .20/.21 Failure to equip a permitted or upgraded site with spill, overfill, and corrosion protection.
 - .41 Failure to equip pressurized line with an automatic line leak detector.
 - .61 Failure to report a release.
 - .62 Failure to abate a confirmed release.

Because the violations indicated in this section could prevent access to the SUPERB account, please correct them immediately. This situation is being referred to the Enforcement Section for further action.

UST PROGRAM
BOOKETING # 9 R

PART TWO: Further violations noted by the inspector were:

Section 280.

- 34(a) Failure to provide records to the Department upon request.
- 41(b)(i)(ii) Failure to conduct an annual line tightness test on pressurized line or have monthly monitoring.
- 41(b)(2) Failure to conduct a line tightness test every 3 years on "American" suction piping.
- 50 Failure to report a suspected release.
- 111 Failure to maintain Certificate of Financial Responsibility on site.
- 40(a) Failure to provide an adequate release detection method.
- 30(a) Failure to ensure that releases due to spilling or overfilling do not occur.
- 31(a) Failure to maintain and operate cathodic protection system.
- 31(b1) Failure to conduct 3-year cathodic protection system test.
- 31(c) Failure to conduct 60-day inspection of impressed current system.
- 44(a) Failure to conduct annual test of automatic line leak detectors.

Other

Part Three: Comments:

Please pump out the tanks to less than 1 inch of product to abort the release at this site.

Please send any and all information about these tanks include tank construction, capacity, product stored, age of tanks and last use date.

The attached list identifies the actions needed to bring the facility into compliance. By 12-29-06 send proof of the corrective actions you have taken to: Date

Compliance Section, UST Program
2600 Bull Street
Columbia, South Carolina, 29201.

Please use the Permit ID number on correspondence. If you have questions, call the UST Compliance Section, at (803) 896-7957, Fax (803) 896-6245. Website www.scdhec.gov/ust.

Sincerely,

Denise M. Place
UST Program

Permit ID # 19268

Receipt acknowledged.

Certified Mail
7001 2510 0008 4156 2099
Owner/Operator Representative

Print Name

Date

How To Get In Compliance

FACILITY: 2309 Russell St, Orangeburg, SC PERMIT ID#: 19268 DATE: 12-12-06

Mail requested information to: Compliance Section, UST Program, 2600 Bull Street, Columbia, SC, 29201.

Send the following:

- Completed and signed notification form
- Completed and signed Application for Permit to Install
- Completed and signed Application for Permit to Operate
- Completed and signed Release Report
- Repair and testing records for _____
- Results of:
 - Tank tightness test
 - Piping tightness test
 - Corrosion protection system test
 - Line leak detector function check
 - Annual function check for _____
- Monthly inventory control logs for _____
- SIR records for _____
- Third party certification for _____
- Proof of suction system check valve location
- Monthly tank and/or line monitoring logs (monitoring wells, ATGs, electronic leak detectors, etc.)
- Rectifier log for _____
- Financial responsibility information

Run the following tests and send a copy of the results:

- Line leak detector function check
- Piping tightness test
- Tank tightness test
- Corrosion protection system test
- Site check (use the Assessment Guidelines)
- Other _____

Install the following and send a copy of the invoice:

- Line leak detector on each pressurized line
- Spill prevention equipment
- Overfill prevention equipment
- Corrosion protection on _____
- Drop tubes in fill pipe
- New gauging stick
- Other _____

Start doing the following:

- Daily inventory measurements
- Measurements to 1/8"
- Leak check at end of month
- Water measurement
- Monthly test using ATG
- Monthly piping test (eld)
- Manual tank gauging
- Maintain rectifier log

Other:

*Please send documentation
that tanks have been pumped
to less than 1 inch (disposal manifest)*

If you have questions about any of these items, call the UST compliance staff at 1-803-896-7957.

Important Test Dates for your Site:

Cathodic Protection System test (3 years) Due Date _____

Line Leak Detector Function Check (annual) Due Date _____

Sump Sensor Function Check (annual) Due Date _____

Line Tightness Test (annual/3 years) Due Date _____

Tank Tightness Test annual/5 years) Due Date _____

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Received by (Please Print Clearly) BERNIE WRIGHT B. Date of Delivery 12-19</p> <p>C. Signature <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>	
<p>1. Article Addressed to:</p> <p>Bernie Wright P.O. Box 275 Orangeburg, SC 29116</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>	
<p>2. Article Number (Copy from service label) 192108 DMP</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	
<p>7001 2510 0008 4156 2099</p>		
PS Form 3811, July 1999	Domestic Return Receipt	102595-99-M-1789

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Sent 12/11/06 K.H.
192108 DMP

Sent To Bernie Wright	
Street, Apt. No. or PO Box No. P.O. Box 275	
City, State, ZIP+4 Orangeburg, SC 29116	

PS Form 3800, January 2001 See Reverse for Instructions

7001 2510 0008 4156 2099



UST Compliance Inspection Notice of Violation Underground Storage Tank Program

_____ 3-14-08 _____ Date
 _____ Operator
 _____ Address
 _____ Address

_____ Bernie Wright _____ Owner
 _____ P.O. Box 275 _____ Address
 _____ Orangeburg, SC 29116 _____

RE: NOTICE OF VIOLATION

_____ Vacant Lot _____ 19268 _____ Facility name, Permit ID#
 _____ 2309 Russell St. _____ Address
 _____ Orangeburg, SC 29116 _____

Dear Mr. Wright _____ :

On _____ a compliance inspection of the underground storage tank (UST) system(s) was performed at this facility.
(Date)

*Enf. ID # 08-0172-UST
Resolved 5-22-08*

PART ONE: Items identified in this part require immediate attention.

Section 280

- ___ .10(e) Introduction of petroleum or petroleum products into an UST for which the owner does not hold a currently valid registration.
- ___ .20/.21 Failure to equip a permitted or upgraded site with spill, overfill, and corrosion protection.
- ___ .41 Failure to equip pressurized line with an automatic line leak detector.
- ___ .61 Failure to report a release.
- .62 Failure to abate a confirmed release.

Because the violations indicated in this section could prevent access to the SUPERB account, please correct them immediately. This situation is being referred to the Enforcement Section for further action.

UST PROGRAM
DOCKETING # 10



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

MEMORANDUM

**TO: Vacant Lot / Bernie Wright File
UST # 19268**

Charlie Strange

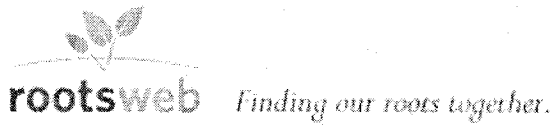
**FROM: Charlie Strange, Environmental Health Manager
Regulatory Assistance Section
UST Program
Bureau of Land and Waste Management**

DATE: October 28, 2008

**RE: Vacant Lot
2309 Russell Street
Orangeburg, SC 29116**

According to the Orangeburg County Tax Assessor and Deeds Office (803-533-6230) on 9-2-08, Bernie Wright is the current owner of the referenced property, according to the deed for the property. On 9-10-08 I spoke with Rebecca Abraham (803-534-5039), who owns a lot next door to the referenced site. She said that she knew James Sulton who operated a gasoline filling station on the referenced site, and that he was the last person to operate a gasoline filling station on the site. She said that he went out of business and sold the property. She said that he died recently. The Social Security Death Index indicates that James Sulton died in April of 2008. According to 44-2-20 (11), based of the facts gathered, the responsible party issues cannot be resolved due to the death of the last known owner/operator. Therefore, a release from this site should be assigned as orphan status.

R-
UST PROGRAM
DOCKETING # 12



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Social Security Death Index Search Results

82,559,327 Records
last updated on 8-15-2008

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Field	Value	Records	Results
Last Name	SULTON	142	142
First Name	JAMES		Scanned
Middle Name	E		Scanned

Viewing 1-1 of 1

Name	Birth	Death	Last Residence	Last Benefit	SSN	Issued	Tools	Order Record?
JAMES E SULTON	09 May 1923	17 Apr 2008 (P)	29118 (Orangeburg, Orangeburg, SC)	(none specified)	259- 24- 0193	Georgia	SS-5 Letter Add Post-em Search Ancestry.com	

Viewing 1-1 of 1

(V)=(Verified) Report verified with a family member or someone acting on behalf of a family member.

(P)=(Proof) Death Certificate Observed.

Last name SULTON Exact
First Name JAMES
Middle Name E (initial)
SSN

CPU seconds used 0.032996

UST PROGRAM DOCKETING # R-12-A

For more info about the SSDI, see <http://www.rootsweb.com/~rwguide/lesson10.htm>
For help using the SSDI search, see [Problem solving](#)

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South Carolina Department of Health
and Environmental Control

**UNDERGROUND STORAGE TANK PROGRAM
BUREAU OF LAND AND WASTE MANAGEMENT
2600 Bull Street, Columbia, South Carolina 29201**

MEMORANDUM

Date: November 12, 2008

To: File

From: Denise M. Place
UST Regulatory Assistance Section
Assessment & Corrective Action Division
Bureau of Land and Waste Management

Subject: Vacant Lot
2309 Russell St., Orangeburg, SC
UST Permit #19268
Substantial Compliance Determination

The UST Program received a pre-buy assessment report documenting contamination at the above referenced location. Tanks are still present but have been emptied. The UST program has determined this site as an orphan and declared a release. In accordance with Section 44-2-115 of the State Underground Petroleum Environmental Response Bank (SUPERB) Act the Program will favor eligibility and find them in substantial compliance for this release. Due to lack of site history, a substantial Compliance worksheet will not be completed.

DM

UST PROGRAM
DOCKETING #

13 R

19268

Site Provided by...
governmentmax.com 1.14

Parcel



Map #
1 of 1

Tabs

Parcel

- Print View
- Land
- Improvements
- Sales Disclosure
- Value History
- Tax Info. →
- Map Info. →
- Deed Image →

Parcel ID	Map #	Parcel Address	Total Land & Improvements	Data as of
0394040	0173-11-04-005.000	CRNR OF BUCKLY + RUSSELL,	\$6,800	11/23/201

Owner Information	
Owner	WRIGHT BERNIE LEE & BEVERLY S
Owner Address	PO BOX 275 ORANGEBURG SC 29116-0275
Transfer Date	11/01/1983
Document Reference No.	

Searches

- Owner
- Parcel ID
- Address
- Map #**
- Legal Desc.
- Sales

Location Information	
GIS	0173-11-04-005.000
Township No.	001
Parcel Address	CRNR OF BUCKLY + RUSSELL,
Legal Acreage	0.485
Section & Plat	
Tax District No.	59
Routing No.	0192030102900
Legal Desc.	CRNR OF BUCKLY + RUSSELL 1+P-2 5000301913

Functions

- Homepage
- Property Search
- Help
- Feedback

Parcel Information	
Zoning*	
Property Class Code	200-Residential Vacant
Neighborhood Code	5200 52.00
Street or Road Code	

Assessment Information	
Assessment Year - 2013	
Owner Occupied Residential	0
Lots	0 Market Value
Acres	0 Taxable Value
	Ratio 0.04
	Assessment 0
Other Property	0
Lots	1 Market Value \$6,846

JUST DOCK 15r

Acres	0 Taxable Value	\$6,846
	Ratio	0.06
	Assessment	\$410
Market Value Ag/MLD	0	
Lots	0 Market Value	0
Acres	0 Taxable Value	0
Use Value Ag/MLD	0	
Lots	0 Market Value	0
Acres	0 Taxable Value	0
	Ratio	0.04
	Assessment	0
	Total Assessment (NOT TAXES)	\$410

*Contact zoning office for official zoning.

Print List First Previous Next Last



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

April 10, 2014

Bernie Wright
P.O. Box 275
Orangeburg, SC 29116

Re: Vacant Lot, Corner of Buckley & Russell St., Orangeburg, SC
Permit # 19268

Dear Mr. Wright:

The UST Management Division has received your request for a variance on sampling at the above referenced site. According to Subpart J Section 280.300 of the Underground Storage Tank Regulations, "The Department may vary the application of any provisions of these regulations, when, in its opinion, the applicant has demonstrated that an equivalent degree of protection will be provided to the State's waters."

Based on the conditional no further action issued on June 12, 2012 and the review of the available information concerning the site, the Division agrees to grant a variance on the closure sampling requirement.

Sincerely,

Denise M. Place

Denise M. Place
Regulatory Compliance Section
UST Management Division
Bureau of Land and Waste Management

UST Docket 116



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

February 4, 2014

CERTIFIED MAIL

Bernie Wright
PO Box 275
Orangeburg, SC 29116



Re: Vacant Lot
Corner of Buckley and Russell Street
UST Permit ID #19268

Dear Tank Owner:

The Underground Storage Tanks (USTs) are out of compliance with the requirements of the South Carolina Underground Storage Tank Control Regulations, R.61-92, Section 280.70. Under the regulations, tanks that are temporarily closed for greater than twelve months that do not meet the corrosion protection standards must be permanently closed. In order to bring this facility into compliance with the regulations, the following must be done:

- Tank and sludge form must be completed and submitted
- Once approval for the removal is issued, then 48 hours notice must be given to the permitting coordinator **prior** to removal.

Please submit the requested information by **March 4, 2014**. If you have any questions, please contact me at the above address or by calling (803) 898-0587.

Sincerely,

Alison M. Hathcock

Alison M. Hathcock, M.S.

Permitting/Operator Training Coordinator

Division of Underground Storage Tank Management

Bureau of Land and Waste Management

02/06/14

Dear Ms Alison

As I stated earlier, resources or funds to remove the underground tanks on my lot, I do not have.

I am requesting what ever consideration possible be given to me on this matter. Sincerely, Bernie Wright

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
2600 Bull Street • Columbia, SC 29201 • Phone: (803) 898-3432 • www.scdhec.gov

SCANNED

17R 1/13