



Zoom Radius: 1/2 mile Scale: One Inch = 840 Feet ✓ Subject Site

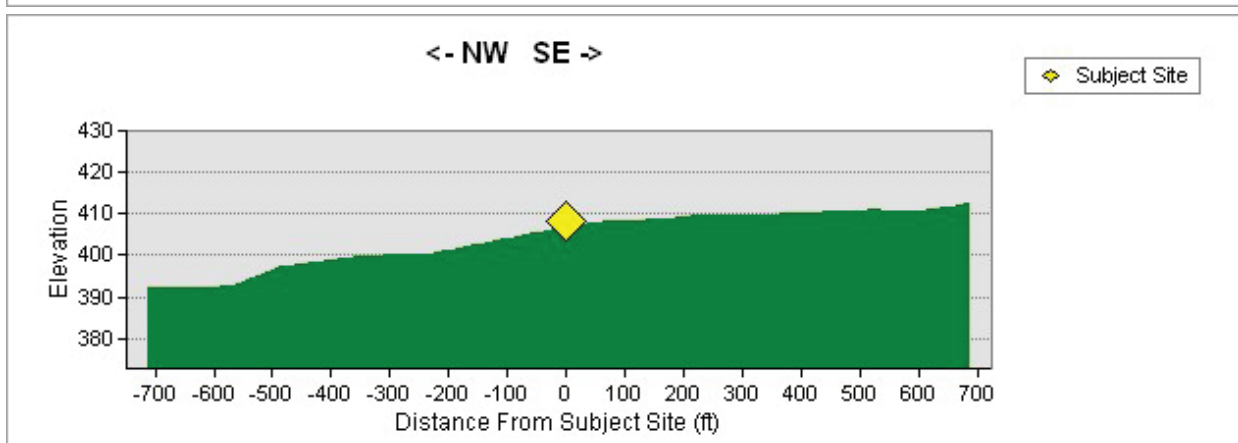
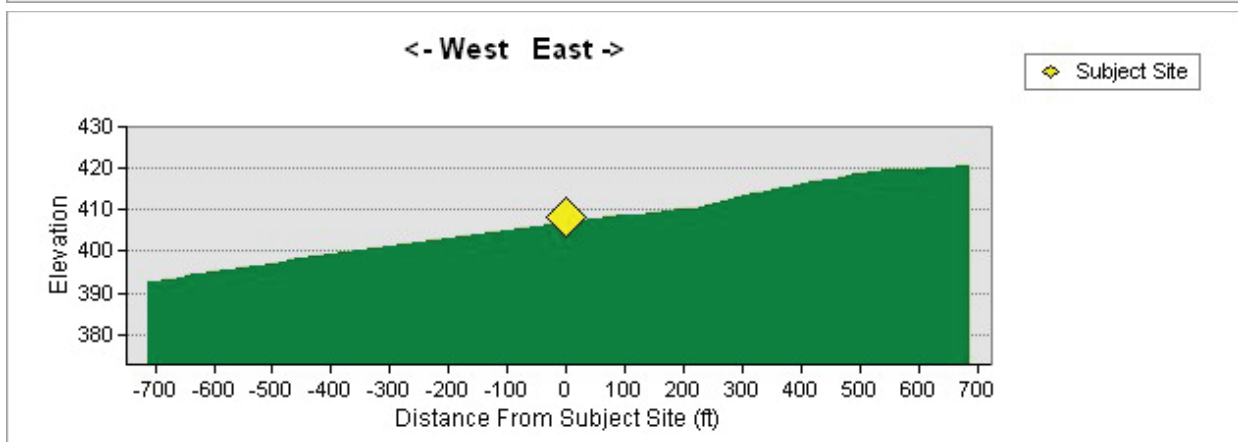
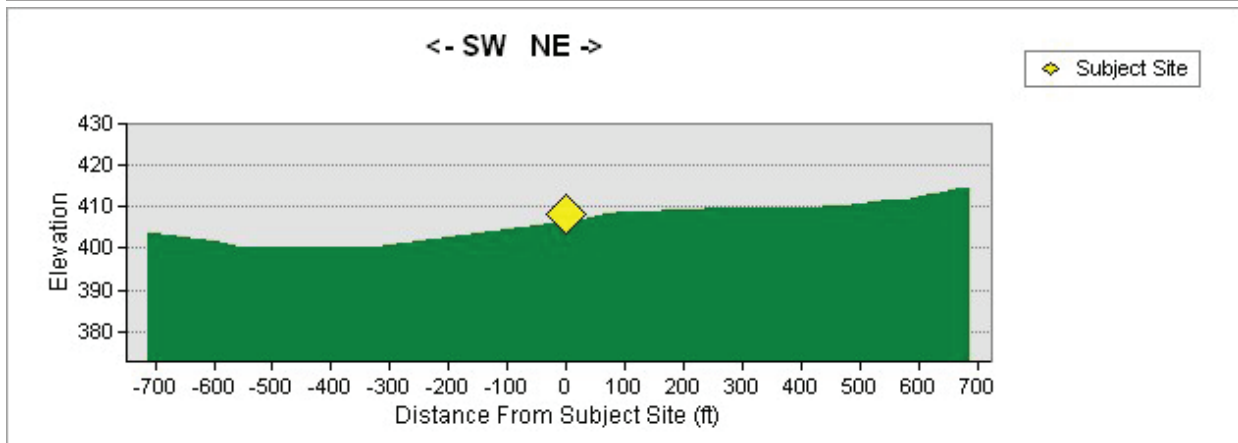
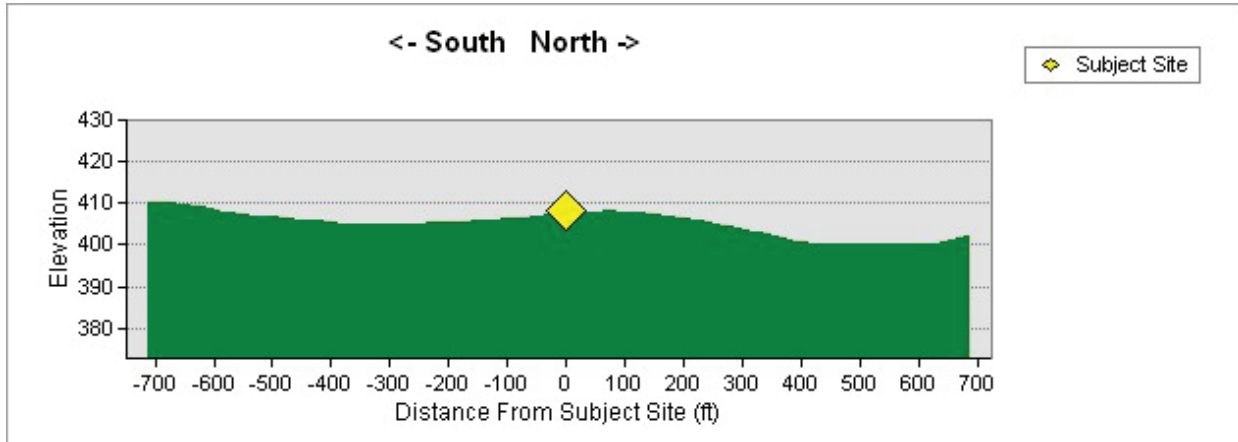
Historical Topographic Map Image

Map Name: Graniteville. Current as of: 1964.

Map ID: SC_Graniteville_261061_1964_24000.tif



GROUND TERRAIN CHARTS AROUND SUBJECT SITE



1		471 University Parkway
2	KENT'S CORNER	301 ROBERT M BELL PKWY
3	AIKEN UROLOGICAL ASSOCIATES PA	410 UNIVERSITY PKWY STE 2300
4	Aiken	302 UNIVERSITY PKWY
5	FIXED	755 MEDICAL PARK
6	Southeastern Pipes SF	

INDEX OF SITES LISTED BY MAP NUMBERS

ENVIRONMENTAL RECORD SEARCH SUMMARY

KNOWN ENVIRONMENTAL CONCERNS

471 University Parkway
 Aiken, SC 29801

Page: 25

Date: 6/5/2020

Job: 183262

ADDRESS	CITY	LOCATION	SOURCE	STATUS	PAGE	MAP LOC	DIR
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Known Environmental Concerns, at the Subject Site.

471 University Parkway	Aiken	UNIVERSITY OF SOUTH CAROLINA AIKEN	SC, LUST		30	1	*
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Known Environmental Concerns, Within 1/8 mile of the Subject Site.

Known Environmental Concerns, Within 1/8 - 1/4 mile of the Subject Site.

Known Environmental Concerns, Within 1/4 - 1/2 mile of the Subject Site.

302 UNIVERSITY PKWY	AIKEN	Aiken AIKEN REGIONAL MEDICAL CENTERS FIXED	SC, SP SC, LUST Fed, ERNS		30 30 30	4	SE
755 MEDICAL PARK	AIKEN	FIXED Aiken	Fed, ERNS SC, SP		31 32	5	E

Known Environmental Concerns, Within 1/2 - 1 mile of the Subject Site.

		Southeastern Pipes SF	SC, SW		32	6	E
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SITES WITH UNKNOWN OR NON-SPECIFIC LOCATION.

HWY 215	AIKEN	OWENS-CORNING/STORM WATER POND	Fed, SEMS		43	0	
BREEZY HILL ROAD	GRANITEVILLE	GRANITEVILLE COMPANY/TOWNSEND DIVISION	Fed, SEMS		43	0	
S C 421 & CO RD 254	AIKEN	LANGLEY POND	Fed, SEMS		44	0	
US HWY 1 AND STATE RD 283	AIKEN	OLD SHAWS CREEK DUMP	Fed, SEMS		44	0	
5 MI FROM GREG RD ON FAULKNER RD	GRANITEVILLE	GRANITEVILLE CO/LAGOON	SC, BF		45	0	
SC 421 AND CO RD 254	AIKEN	LANGLEY POND	SC, BF		46	0	
CLEARWATER RD - HWY 126	CLEARWATER	SEMINOLE MILLS	SC, BF		46	0	
SC-19S 15 MILES FROM AIKEN	AIKEN	US DOE SRS SAVANNAH RIVER PLANT/ADMIN	SC, BF		46	0	
RT 9 PO BOX 212	AIKEN	RIDGECREST QUICK SHOP	SC, LUST		47	0	
HWY 278 NEAR NEW ELLENTON	AIKEN	ONE STOP	SC, LUST		48	0	
1 MARSHALL ST	GRANITEVILLE	GRANITEVILLE COMPANY	SC, LUST		49	0	
HWY 19 N	AIKEN	E&B CASH & CARRY	SC, LUST		50	0	
RT 3 PO BOX 357	AIKEN	ASHLEY, W A	SC, LUST		50	0	
HWY 66	CLINTON	J&J RESTAURANT	SC, LUST		51	0	
107 SAND BAR FERRY RD	BEECH ISLAND	BONNER GULF	SC, LUST		52	0	
SR 104	GRANITEVILLE	J M HUBER CORPORATION	SC, LUST		52	0	
US #1 N	AIKEN	WR GRACE & CO	SC, LUST		52	0	
965 REYNOLDS POND RD	AIKEN	KENTUCKY TENNESSEE CLAY CO	SC, LUST		53	0	
SC 302 N	AIKEN	HORSE HEALTH PRO INC	SC, LUST		53	0	
1 MARSHALL ST	GRANITEVILLE	GRANITEVILLE COMPANY	SC, LUST		53	0	
WIRE RD	AIKEN	AIKEN COUNTY EQUIPMENT	SC, LUST		53	0	
RTE 4 PO BOX 494-B US 1 N	AIKEN	AIKEN YOUTH CORRECTION CENTER	SC, LUST		54	0	

KNOWN ENVIRONMENTAL CONCERNS

471 University Parkway

Aiken, SC 29801

Page: 26

Date: 6/5/2020

Job: 183262

<i>ADDRESS</i>	<i>CITY</i>	<i>LOCATION</i>	<i>SOURCE</i>	<i>STATUS</i>	<i>PAGE</i>	<i>MAP LOC</i>	<i>DIR</i>
RICHLAND AVE	AIKEN	AIKEN PATROL FACILITY	SC, LUST		39	0	
JACKSON AT FAULKNER ST	GRANITEVILLE	COMMUNITY SERVICES INC	SC, LUST		39	0	

KNOWN OPERATING PERMITS471 University Parkway
Aiken, SC 29801

Page: 27

Date: 6/5/2020

Job: 183262

ADDRESS	CITY	LOCATION	SOURCE	STATUS	PAGE	MAP LOC	DIR
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Known Operating Permits, at the Subject Site.

471 University Parkway	Aiken	UNIVERSITY OF SOUTH CAROLINA AIKEN UNIVERSITY OF SOUTH CAROLINA AIKEN	Fed, IAFS SC, UST		41 41	1	*
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Known Operating Permits, Within 1/8 mile of the Subject Site.**Known Operating Permits, Within 1/8 - 1/4 mile of the Subject Site.**

301 ROBERT M BELL PKWY	AIKEN	KENT'S CORNER CIRCLE K 3081	SC, GSCDL SC, UST		42 42	2	NW
410 UNIVERSITY PKWY STE 2300	AIKEN	AIKEN UROLOGICAL ASSOCIATES PA	Fed, FRS		43	3	SE

Known Operating Permits, Within 1/4 - 1/2 mile of the Subject Site.**Known Operating Permits, Within 1/2 - 1 mile of the Subject Site.****SITES WITH UNKNOWN OR NON-SPECIFIC LOCATION.**

Camellia Street, NE	Aiken	South Carolina Electric & Gas Company	Fed, PCBR		43	0	
Jefferson Davis	Clearwater	South Carolina Electric & Gas Company	Fed, PCBR		43	0	
Montgomery Street	Graniteville	South Carolina Electric & Gas Company	Fed, PCBR		44	0	
RT 5 BOX 50	AIKEN	SUPPLY SERVICE CO	Fed, TPP		44	0	
38 ALPINE DR-RT 5 BOX 603	AIKEN	ALL KLEEN BUILDING MAINTENANCE SUPPLY	Fed, TPP		45	0	
PO BOX 2042	AIKEN	AIKEN PEST CONTROL INC	Fed, TPP		46	0	
PO BOX 301	GRANITEVILLE	A&A CHEMICAL AND PAPER	Fed, TPP		46	0	
RAINBOW FALLS RD	GRANITEVILLE	MARTIN MAR GRANITVL	Fed, IAFS		46	0	
SR33 & 779	AIKEN	MARTIN MARIETTA: AIKEN QUARRY (OLD)	Fed, IAFS		47	0	
HWY 19/278 & 781	AIKEN	SRS BOAT RAMP	Fed, IAFS		48	0	
REYNOLDS POND RD	AIKEN	APAC GEORGIA ASPHALT PLANT #16-CLOSED	Fed, IAFS		49	0	
RTE 19	EUREKA	CULBREATH, EC & SON	Fed, IAFS		50	0	
OFF HWY 19	AIKEN	S&P GRADING COMPANY	Fed, IAFS		50	0	
AREA P SAVANNAH RIVER SITE	AIKEN	CHAMPION CONCRETE INC	Fed, IAFS		51	0	
FOODMAX VILLAGE	AIKEN	SUNDANCE CLEANERS	SC, DCCDL		52	0	
HITCHCOCK PLAZA	AIKEN	SUNDANCE CLEANERS	SC, DCCDL		52	0	
HWY 19 N	AIKEN	GERALDS QUICK SHOP	SC, GSCDL		52	0	
HWY 1	AIKEN	SHOP N FILL STORES	SC, GSCDL		53	0	
US HIGHWAY # 1	AIKEN	SUNOCO	SC, GSCDL		53	0	
WAGENER RD	AIKEN	PET DAIRY	SC, UST		53	0	
I-20 US #1 HWY	AIKEN	GULF SERVICE STATION 334680	SC, UST		53	0	
HWY 19 N	AIKEN	NATIONAL SOUTHERN CORP	SC, UST		54	0	

Fed, ARPP	Fed, Active Reg Pesticide Producing Facilities
Fed, BRF	Fed, Brownfields
Fed, CDL	Fed, Clandestine Drug Labs
Fed, ERNS	Fed, Emergency Response Notification Sys
Fed, FHWCD	Fed, Hazardous Waste Compliance Docket
Fed, FRS	Fed, Facility Registry System
Fed, HMP	Fed, HMIRS Pipeline
Fed, HMT	Fed, HMIRS Transport Permits
Fed, HMTI	Fed, HMIRS Transport Incidents
Fed, IAFS	Fed, ICIS AFS
Fed, ICFEC	Fed, ICIS FE&C
Fed, INPDE	Fed, ICIS NPDES
Fed, NAMSE	Fed, NAMSEI
Fed, NMD	Fed, National Mines Database
Fed, NPL	Fed, National Priority List
Fed, NPLP	Fed, National Priority List Polygons
Fed, NRCRS	Fed, NRC Reactors and Storage
Fed, NUCML	Fed, NRC License Permits
Fed, PCBA	Fed, PCB Notice of Activity
Fed, PCBCD	Fed, PCB Waste Handlers Comm Displ Permits NLU
Fed, PCBCS	Fed, PCB Waste Handlers Comm Storage Permits NLU
Fed, PCBR	Fed, PCB Registrations
Fed, RCRA	Fed, RCRA Permits
Fed, RIEC	Fed, RCRA Institutional/Engineering Controls
Fed, RV	Fed, RCRA Violators
Fed, SEMS	Fed, SEMS CERCLA
Fed, TCI	Fed, TSCA CDR-IUR
Fed, TPP	Fed, TSCA PPIS
Fed, TRI	Fed, Toxic Release Inventory
Fed, UMTRA	Fed, Uranium Mill Tailing Remedial Action
IC, AFS	Fed, Indian Country AFS
IC, FE&C	Fed, Indian Country FE&C
IC, LUST	Fed, Indian Country LUST
IC, NPDES	Fed, Indian Country NPDES
IC, UST	Fed, Indian Country UST
SC, BF	SC, Brownfields
SC, DCCDL	SC, Dry Cleaners City Directory Listings
SC, DFRTF	SC, Drycleaning Facility Restoration Trust Fund
SC, GSCDL	SC, Gas Stations City Directory Listings
SC, LUST	SC, Leaking Underground Storage Tanks
SC, RCR	SC, Registry of Conditional Remedies
SC, SP	SC, Spills
SC, SURS	SC, Spills from Unregulated Sources
SC, SW	SC, Solid Waste
SC, UST	SC, Underground Storage Tanks

ENVIRONMENTAL RECORD SEARCH

SITES WITH

KNOWN ENVIRONMENTAL CONCERNS

Known Environmental Concerns for
471 University Parkway, Aiken, SC 29801

Page: 30
Date: 6/5/2020
Job: 183262

UNIVERSITY OF SOUTH CAROLINA AIKEN SC, LUST 471 UNIVERSITY PKWY
AIKEN

1
Map Id
Subject Site

SC, Leaking Underground Storage Tanks

Site: UNIVERSITY OF SOUTH CAROLINA AIKEN
Address: 471 UNIVERSITY PKWY
City: AIKEN, SC, 29801
Site ID RPT: 00270
County: AIKEN
Facility Details: Permit: N 00270; Phone: 803-777-5269; Category: State Government; Last Inspection: 11/7/1997; Num Tanks: 2; Billable Tanks: 0; **Abandoned** Tanks: 2; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00270>
Event 01: Release Number: 0; Reported: 8/28/1998; Compliance Required?: False; **NFA**: 1/22/1999; Compliance Met: False; Project Manager: PASLEY, DOUG C

Lat / Long: 33.574040, -81.765433 (Based on address)

Aiken SC, SP 302 UNIVERSITY PKWY
AIKEN REGIONAL MEDICAL CENTERS SC, LUST AIKEN
FIXED Fed, ERNS

4
Map Id
0.393 miles SE

SC, Spills

Site: Aiken
Address: 302 UNIVERSITY PKWY
City: AIKEN, SC
Incident EID: 7000581
Details: Site Name: AIKEN REGIONAL HOSPITAL; Notified: 5/23/2004; Region: Aiken EQC Office; Incident Subtype: Hazardous Material
Comments: Substance released is unknown

Lat / Long: 33.570920, -81.762901 (Based on address)

SC, Leaking Underground Storage Tanks

Site: AIKEN REGIONAL MEDICAL CENTERS
Address: 302 UNIVERSITY PKWY
City: AIKEN, SC, 29801-6302
Site ID RPT: 00256
County: AIKEN
Facility Details: Permit: P 00256; Phone: 803-641-5190; Last Inspection: 8/30/2019; Num Tanks: 2; Billable Tanks: 1; **Abandoned** Tanks: 1; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00256>
Event 01: Release Number: 0; Reported: 9/11/1998; Compliance Required?: False; **NFA**: 10/22/1998; Compliance Met: False; Project Manager: STEPP, AMY K
Event 02: Release Number: 0; Reported: 6/23/1997; Compliance Required?: False; **NFA**: 8/15/1997; Compliance Met: False; Project Manager: ELAM, JULIE M

Lat / Long: 33.570920, -81.762901 (Based on address)

Fed, Emergency Response Notification Sys

Site: FIXED
Address: 302 UNIVERSITY PARKWAY
City: AIKEN, SC
CALLS
SEQNOS Rpt: 722759

Known Environmental Concerns for
471 University Parkway, Aiken, SC 29801

Page: 31
Date: 6/5/2020
Job: 183262

LOCATION

COUNTY: AIKEN

Call Details: Received: 5/23/2004 21:34 by TELEPHONE; Call Type: Incident

Responsible

Party: Unknown

Description of Incident: A HOSPITAL HAD 5 PATIENT WITH RESPIRATORY DISCOMFORT DUE TO EXPOSURE TO AN UNKNOWN AIRBORNE MATERIAL. THE EMERGENCY ROOM WAS EVACUTED AS A RESULT. IT IS BELIEVED TO BE CONTAINED TO THE EMERGENCY ROOM OF THE HOSPITAL. NO DESCRIPTION OF ANY ODOR WAS AVAILABLE. THE CAUSE COULD POSSIBLY BE DUE TO ONGOING CONSTRUCTION AT THE HOSPITAL.

Incident Basic

Info: Cause: UNKNOWN; Time: 5/23/2004 15:35; Data Time Group: OCCURRED; Location: AIKEN RICHLAND MEDICAL CENTER

Incident Details: Evacuations: EVERYONE; Media Interest: NONE; Medium: AIR; Release Secured: U; State Agency Notified: SC DHEC; State Agency on Scene: CO HAZMAT/ FD/ DHEC; State Agency Report Num: NO CASE#; Weather Conditions: PARTLY CLOUDY

Additional

Information: NO ADDITIONAL INFO.

Desc of

Remedial

Action: UNDER INVESTIGATION/ USING AIR MONITORING EQUIPMENT

Community

Impact: None

Type of Fixed

Object: OTHER

Materials

Involved: CHRIS Code: UNK; Amount: Unknown; Material Name: UNKNOWN MATERIAL; Reached Water: NO

Lat / Long: 33.570920, -81.762901 (Based on address)

FIXED
Aiken

Fed, ERNS
SC, SP

755 MEDICAL PARK
AIKEN

5
Map Id
0.440 miles E

Fed, Emergency Response Notification Sys

Site: FIXED

Address: 755 MEDICAL PARK

City: AIKEN, SC

CALLS

SEQNOS Rpt: 700620

LOCATION

COUNTY: AIKEN

Call Details: Received: 9/24/2003 13:59 by TELEPHONE; Call Type: Incident

Responsible

Party: SC ELECTRIC AND GAS, PRIVATE ENTERPRISE, COLUMBIA, SC, 29201

Description of

Incident: MATERIALS RELEASED FROM A TRANSFORMER, DUE TO AN ACCIDENT.

Incident Basic

Info: Cause: OPERATOR ERROR; Time: 9/24/2003 11:00; Data Time Group: OCCURRED

Incident Details: Media Interest: NONE; Medium: WATER STORM DRAIN; Body of Water: STORM DRAIN; Tributary of: UNKNOWN; Release Secured: Y; Weather Conditions: CLEAR; Sheen Color: UNKNOWN

Additional

Information: CALLER STATED THAT NO PCB'S WERE RELEASED. THE TRANSFORMER WAS MOUNTED ON A POLE IN THE AIR.

Desc of

Remedial

Action: CLEAN UP UNDERWAY.

Community

Impact: None

Type of Fixed

Object: TRANSFORMER

Known Environmental Concerns for
471 University Parkway, Aiken, SC 29801

Page: 32
Date: 6/5/2020
Job: 183262

Materials Involved: CHRIS Code: PCB; Amount: Unknown; Material Name: POLYCHLORINATED BIPHENYLS; Reached Water: NO
CHRIS Code: OMN; Amount: 40 GALLON(S); Material Name: OIL, MISC: MINERAL; Reached Water: YES; Amount in Water: 1 GALLON(S)

Lat / Long: 33.574394, -81.759429 (Based on address)

SC, Spills

Site: Aiken
Address: 755 MEDICAL PARK
City: AIKEN, SC
Incident EID: 5863831
Details: Notified: 9/24/2003; Region: Aiken EQC Office; Incident Subtype: Oil; Transportation Related: Y
Substance: OIL, [TRANSFORMER]; Estimated: 40 Gallons

Lat / Long: 33.574394, -81.759429 (Based on address)

Southeastern Pipes SF

SC, SW

6

Map Id
0.754 miles E

SC, Solid Waste

Site: Southeastern Pipes SF
Address:
City: SC
FACILITY ID
Rpt: SF-00104
COUNTY: Aiken
Details: Permit Status: Not Active; Class: Structural Fill

Lat / Long: 33.578686, -81.754324 (Agency supplied)

OWENS-CORNING/STORM WATER POND

Fed, SEMS

HWY 215
AIKEN

Uknwn
Map Id

Fed, SEMS CERCLA

Site: OWENS-CORNING/STORM WATER POND
Address: HWY 215
City: AIKEN, SC, 29801
Site ID Rpt: 0403226
Site Type: Archived
County: AIKEN
Site Details: EPA ID: SCD003285020; Region: 04; Congressional District: 03; Superfund Alternative Agreement: No; NPL Status: Not on the NPL; Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
CERCLA Site SMS Number: 600; USGS Hydro Unit Number: 3060106; Ownership Type: Other; Financial Transaction Short Name: ARCH SITE; Ref Historical Data: Action Lead: EPA In-House; Completion Date: 1/23/1996

GRANITEVILLE COMPANY/TOWNSEND DIVISION

Fed, SEMS

BREEZY HILL ROAD
GRANITEVILLE

Uknwn
Map Id

Fed, SEMS CERCLA

Known Environmental Concerns for
471 University Parkway, Aiken, SC 29801

Page: 33
Date: 6/5/2020
Job: 183262

Site: GRANITEVILLE COMPANY/TOWNSEND DIVISION
Address: BREEZY HILL ROAD
City: GRANITEVILLE, SC, 29829
Site ID Rpt: 0404645
Site Type: Archived
County: AIKEN
Site Details: EPA ID: SCD980309769; Region: 04; Congressional District: 03; Superfund Alternative Agreement: No; NPL Status: Not on the NPL; Non NPL Status: **NFRAP**-Site does not qualify for the NPL based on existing information
CERCLA Site SMS Number: 600; USGS Hydro Unit Number: 3060106; Ownership Type: Unknown; Financial Transaction Short Name: ARCH SITE; Ref Historical Data: Action Lead: EPA In-House; Completion Date: 2/10/1989

LANGLEY POND

Fed, SEMS

S.C. 421 & CO. RD. 254
AIKEN

Uknwn
Map Id

Fed, SEMS CERCLA

Site: LANGLEY POND
Address: S.C. 421 & CO. RD. 254
City: AIKEN, SC, 29801
Site ID Rpt: 0404650
Site Type: Active
County: AIKEN
Site Details: EPA ID: SCD982119414; Region: 04; Congressional District: 03; Superfund Alternative Agreement: No; NPL Status: Not on the NPL; Non NPL Status: Other Cleanup Activity. State-Lead Cleanup
CERCLA
Historical Data: Site SMS Number: 600; USGS Hydro Unit Number: 3060106; Ownership Type: Unknown; Site Alias: LANGLEY POND,,AIKEN,SC,;

OLD SHAWS CREEK DUMP

Fed, SEMS

US HWY 1 AND STATE RD 283
AIKEN

Uknwn
Map Id

Fed, SEMS CERCLA

Site: OLD SHAWS CREEK DUMP
Address: US HWY 1 AND STATE RD 283
City: AIKEN, SC, 29801
Site ID Rpt: 0405770
Site Type: Archived
County: AIKEN
Site Details: EPA ID: SCD987584182; Region: 04; Congressional District: 03; Superfund Alternative Agreement: No; NPL Status: Not on the NPL; Non NPL Status: **NFRAP**-Site does not qualify for the NPL based on existing information
CERCLA Site SMS Number: 600; USGS Hydro Unit Number: 3060106; Ownership Type: Unknown; Financial Transaction Short Name: ARCH SITE; Ref Historical Data: Action Lead: EPA In-House; Completion Date: 12/31/1996

GRANITEVILLE CO/LAGOON

SC, BF

.5 MI FROM GREG RD ON FAULKNER RD
GRANITEVILLE

Uknwn
Map Id

SC, Brownfields

Site: GRANITEVILLE CO/LAGOON
Address: .5 MI FROM GREG RD ON FAULKNER RD
City: GRANITEVILLE, SC, 29829
county: Aiken
Details 01: Status: ACTIVE; Control Number: 07-4797-NRP; File Number: 51599; Initial Complaint Received: 1/22/2007; Acreage: 19; Workplan Due: 12/15/2007; Workplan Received: 8/28/2009; Workplan Reviewed: 9/30/2009; Contract Mailed: 9/6/2007; Contract Executed: 10/16/2007

service@veracheck.com

P: 888.767.7383

Known Environmental Concerns for
471 University Parkway, Aiken, SC 29801

Page: 34
Date: 6/5/2020
Job: 183262

LANGLEY POND

SC, BF

SC 421 AND CO RD 254
AIKEN

Ukwn

Map Id

SC, Brownfields

Site: LANGLEY POND

Address: SC 421 AND CO RD 254

City: AIKEN, SC, 29801

county: Aiken

Details 01: Status: ACTIVE; Control Number: 08-5020-NRP; File Number: 53292; Initial Complaint Received: 4/16/2007; Acreage: 285; Workplan Received: 11/12/2008; Workplan Reviewed: 11/19/2008; Workplan Approved: 12/2/2008; Report Received: 1/5/2009; Report Reviewed: 2/10/2011; Report Approved: 2/10/2011; Contract Mailed: 11/5/2008; Contract Executed: 2/19/2009

Details 02: Status: ACTIVE; Control Number: MOU 2012-290; File Number: 53292

SEMINOLE MILLS

SC, BF

CLEARWATER RD - HWY 126
CLEARWATER

Ukwn

Map Id

SC, Brownfields

Site: SEMINOLE MILLS

Address: CLEARWATER RD - HWY 126

City: CLEARWATER, SC, 29801

county: Aiken

Details 01: Status: ACTIVE; Control Number: 07-5492-NRP; File Number: 56942; Brownfield Type: Hazardous Substances; Acreage: 24 2; Workplan Due: 9/10/2007; Report Received: 7/13/2010; Report Reviewed: 8/19/2010; Contract Executed: 7/12/2007

US DOE SRS SAVANNAH RIVER PLANT/ADMIN.

SC, BF

SC-19S 15 MILES FROM AIKEN
AIKEN

Ukwn

Map Id

SC, Brownfields

Site: US DOE SRS SAVANNAH RIVER PLANT/ADMIN.

Address: SC-19S 15 MILES FROM AIKEN

City: AIKEN, SC, 29801

county: Aiken

Details 01: Status: ACTIVE; Control Number: 96-04-HW W (CO); File Number: 99999

RIDGECREST QUICK SHOP

SC, LUST

RT 9 PO BOX 212
AIKEN

Ukwn

Map Id

SC, Leaking Underground Storage Tanks

Site: RIDGECREST QUICK SHOP

Address: RT 9 PO BOX 212

City: AIKEN, SC, 29801-9809

Site ID RPT: 00169

County: AIKEN

Facility

Details: Permit: N 00169; Category: Retail Sales; Last Inspection: 1/28/1997; Num Tanks: 3; Billable Tanks: 0; **Abandoned** Tanks: 3; Other Tanks: 0

Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00169>

Known Environmental Concerns for
471 University Parkway, Aiken, SC 29801

Page: 35
Date: 6/5/2020
Job: 183262

Event 01: Release Number: 1; Reported: 4/30/1997; Compliance Required?: False; **NFA**: 7/10/1997; Financial Type: Unknown; Compliance Met: False; Confirmed: 5/30/1997; Cleanup Initiated : 5/30/1997; **Cleanup Complete**: 7/10/1997; Project Manager: PASLEY, DOUG C; Source: UST

ONE STOP	SC, LUST	HWY 278 NEAR NEW ELLENTON AIKEN	Ukwnn Map Id
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SC, Leaking Underground Storage Tanks

Site: ONE STOP
Address: HWY 278 NEAR NEW ELLENTON
City: AIKEN, SC, 29801
Site ID RPT: 00172
County: AIKEN
Facility
Details: Permit: N 00172; Category: Retail Sales; Last Inspection: 7/16/1996; Num Tanks: 3; Billable Tanks: 0; **Abandoned** Tanks: 3; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00172>
Event 01: Release Number: 1; Reported: 8/7/1997; Compliance Required?: False; **NFA**: 11/13/1997; Financial Type: Unknown; Compliance Met: False; Confirmed: 10/6/1997; Cleanup Initiated : 10/6/1997; **Cleanup Complete**: 11/13/1997; Project Manager: PASLEY, DOUG C; Source: UST
Event 02: Release Number: 0; Reported: 8/7/1997; Compliance Required?: False; **NFA**: 11/13/1997; Compliance Met: False; Project Manager: ELAM, JULIE M

GRANITEVILLE COMPANY	SC, LUST	1 MARSHALL ST GRANITEVILLE	Ukwnn Map Id
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SC, Leaking Underground Storage Tanks

Site: GRANITEVILLE COMPANY
Address: 1 MARSHALL ST
City: GRANITEVILLE, SC, 29829
Site ID RPT: 11387
County: AIKEN
Facility
Details: Permit: P 11387; Phone: 803-663-7231; Last Inspection: 5/13/1999; Num Tanks: 1; Billable Tanks: 0; **Abandoned** Tanks: 1; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/11387>
Event 01: Release Number: 1; Reported: 10/30/2000; Compliance Required?: False; **NFA**: 11/7/2000; Financial Type: Unknown; Compliance Met: False; Confirmed: 10/31/2000; Cleanup Initiated : 10/31/2000; **Cleanup Complete**: 11/6/2000; Project Manager: GLYMPH-FANT, REBAM; Source: UST

E&B CASH & CARRY	SC, LUST	HWY 19 N AIKEN	Ukwnn Map Id
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SC, Leaking Underground Storage Tanks

Site: E&B CASH & CARRY
Address: HWY 19 N
City: AIKEN, SC, 29801
Site ID RPT: 11875
County: AIKEN
Facility
Details: Permit: N 11875; Category: Retail Sales; Last Inspection: 11/28/1995; Num Tanks: 4; Billable Tanks: 0; **Abandoned** Tanks: 4; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/11875>
Event 01: Release Number: 1; Reported: 12/27/1989; Compliance Required?: False; **NFA**: 5/27/1997; Financial Type: With SUPERB; RBCA / Score: 5A - No pending threat, additional data / 0; Compliance Met: False; Confirmed: 4/7/1992; Cleanup Initiated : 5/19/1997; Abatement Met: 3/31/1992; **Cleanup Complete**: 5/27/1997; Project Manager: DEVORE, JAMES A; Source: UST

Known Environmental Concerns for
471 University Parkway, Aiken, SC 29801

Page: 36
Date: 6/5/2020
Job: 183262

ASHLEY, W A

SC, LUST

RT 3 PO BOX 357
AIKEN

Ukwn

Map Id

SC, Leaking Underground Storage Tanks

Site: ASHLEY, W A
Address: RT 3 PO BOX 357
City: AIKEN, SC, 29801-9400
Site ID RPT: 15832
County: AIKEN
Facility
Details: Permit: N 15832; Category: Retail Sales; Num Tanks: 2; Billable Tanks: 0; **Abandoned** Tanks: 2; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/15832>
Event 01: Release Number: 1; Reported: 4/13/1994; Compliance Required?: False; **NFA**: 1/30/1995; Financial Type: Unknown; Compliance Met: False; Confirmed: 4/13/1994; Cleanup Initiated : 4/13/1994; **Cleanup Complete**: 4/13/1994; Project Manager: STOUDEMIRE, DALE W; Source: UST

J&J RESTAURANT

SC, LUST

HWY 66
CLINTON

Ukwn

Map Id

SC, Leaking Underground Storage Tanks

Site: J&J RESTAURANT
Address: HWY 66
City: CLINTON, SC, 29801
Site ID RPT: 15911
County: LAURENS
Facility
Details: Permit: N 15911; Category: Retail Sales; Num Tanks: 2; Billable Tanks: 0; **Abandoned** Tanks: 2; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/15911>
Event 01: Release Number: 1; Reported: 6/30/1993; Compliance Required?: False; **NFA**: 7/11/1995; Financial Type: Unknown; Compliance Met: False; Confirmed: 6/30/1993; Cleanup Initiated : 6/30/1993; **Cleanup Complete**: 6/30/1993; Project Manager: GLYMPH-FANT, REBA M; Source: UST

BONNER GULF

SC, LUST

107 SAND BAR FERRY RD
BEECH ISLAND

Ukwn

Map Id

SC, Leaking Underground Storage Tanks

Site: BONNER GULF
Address: 107 SAND BAR FERRY RD
City: BEECH ISLAND, SC, 29801
Site ID RPT: 00152
County: AIKEN
Facility
Details: Permit: N 00152; Category: Retail Sales; Num Tanks: 2; Billable Tanks: 0; **Abandoned** Tanks: 2; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00152>
Event 01: Release Number: 0; Reported: 10/11/1994; Compliance Required?: False; **NFA**: 7/17/1995; Compliance Met: False; Project Manager: MCKENNEY, BETTE S

Known Environmental Concerns for
471 University Parkway, Aiken, SC 29801

Page: 37
Date: 6/5/2020
Job: 183262

J M HUBER CORPORATION

SC, LUST

SR 104

GRANITEVILLE

Ukwn

Map Id

SC, Leaking Underground Storage Tanks

Site: J M HUBER CORPORATION

Address: SR 104

City: GRANITEVILLE, SC, 29829

Site ID RPT: 00191

County: AIKEN

Facility

Details: Permit: N 00191; Phone: 803-593-2511; Num Tanks: 1; Billable Tanks: 0; **Abandoned** Tanks: 1; Other Tanks: 0

Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00191>

Event 01: Release Number: 0; Reported: 8/8/1991; Compliance Required?: False; **NFA**: 8/29/1994; Compliance Met: False; Project Manager: ELAM, JULIE M

WR GRACE & CO

SC, LUST

US #1 N

AIKEN

Ukwn

Map Id

SC, Leaking Underground Storage Tanks

Site: WR GRACE & CO

Address: US #1 N

City: AIKEN, SC, 29801

Site ID RPT: 00194

County: AIKEN

Facility

Details: Permit: N 00194; Num Tanks: 1; Billable Tanks: 0; **Abandoned** Tanks: 1; Other Tanks: 0

Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00194>

Event 01: Release Number: 0; Reported: 6/29/1990; Compliance Required?: False; **NFA**: 2/10/1993; Compliance Met: False; Project Manager: STOUDEMIRE, DALE W

KENTUCKY TENNESSEE CLAY CO

SC, LUST

965 REYNOLDS POND RD

AIKEN

Ukwn

Map Id

SC, Leaking Underground Storage Tanks

Site: KENTUCKY TENNESSEE CLAY CO

Address: 965 REYNOLDS POND RD

City: AIKEN, SC, 29801-8971

Site ID RPT: 00197

County: AIKEN

Facility

Details: Permit: N 00197; Phone: 803-593-2511; Num Tanks: 3; Billable Tanks: 0; **Abandoned** Tanks: 2; Other Tanks: 1

Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00197>

Event 01: Release Number: 0; Reported: 12/15/1993; Compliance Required?: False; **NFA**: 6/2/1995; Compliance Met: False; Project Manager: ELAM, JULIE M

Known Environmental Concerns for
471 University Parkway, Aiken, SC 29801

Page: 38
Date: 6/5/2020
Job: 183262

HORSE HEALTH PRO INC SC, LUST SC 302 N
AIKEN

Ukwn
Map Id

SC, Leaking Underground Storage Tanks

Site: HORSE HEALTH PRO INC
Address: SC 302 N
City: AIKEN, SC, 29801
Site ID RPT: 00221
County: AIKEN
Facility
Details: Permit: N 00221; Num Tanks: 3; Billable Tanks: 0; **Abandoned** Tanks: 3; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00221>
Event 01: Release Number: 0; Reported: 11/11/1911; Compliance Required?: False; **NFA**: 7/25/1994; Compliance Met: False; Project Manager: LOGAN, W ROBERT

GRANITEVILLE COMPANY SC, LUST 1 MARSHALL ST
GRANITEVILLE

Ukwn
Map Id

SC, Leaking Underground Storage Tanks

Site: GRANITEVILLE COMPANY
Address: 1 MARSHALL ST
City: GRANITEVILLE, SC, 29829
Site ID RPT: 00247
County: AIKEN
Facility
Details: Permit: N 00247; Phone: 803-663-7231; Num Tanks: 3; Billable Tanks: 0; **Abandoned** Tanks: 3; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00247>
Event 01: Release Number: 0; Reported: 12/12/1989; Compliance Required?: False; **NFA**: 1/23/1996; Compliance Met: False; Project Manager: WILLIAMS, CHARLES J

AIKEN COUNTY EQUIPMENT SC, LUST WIRE RD
AIKEN

Ukwn
Map Id

SC, Leaking Underground Storage Tanks

Site: AIKEN COUNTY EQUIPMENT
Possibly related to sites at Map Ids 4, 5
Address: WIRE RD
City: AIKEN, SC, 29801
Site ID RPT: 00259
County: AIKEN
Facility
Details: Permit: N 00259; Category: County Government; Num Tanks: 2; Billable Tanks: 0; **Abandoned** Tanks: 2; Other Tanks: 0
Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00259>
Event 01: Release Number: 0; Reported: 8/10/1992; Compliance Required?: False; **NFA**: 8/16/1994; Compliance Met: False; Project Manager: WHITE, JIM

Known Environmental Concerns for
471 University Parkway, Aiken, SC 29801

Page: 39
Date: 6/5/2020
Job: 183262

AIKEN YOUTH CORRECTION CENTER SC, LUST RTE 4 PO BOX 494-B US 1 N
AIKEN

Uknwn
Map Id

SC, Leaking Underground Storage Tanks

Site: AIKEN YOUTH CORRECTION CENTER

Possibly

related to sites at Map Ids 4, 5

Address: RTE 4 PO BOX 494-B US 1 N

City: AIKEN, SC, 29801-9804

Site ID RPT: 00267

County: AIKEN

Facility Details: Permit: N 00267; Category: Municipal Government; Last Inspection: 7/8/1997; Num Tanks: 1; Billable Tanks: 0; **Abandoned** Tanks: 1; Other Tanks: 0

Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00267>

Event 01: Release Number: 0; Reported: 10/6/1998; Compliance Required?: False; **NFA**: 10/22/1998; Compliance Met: False; Project Manager: STEPP, AMY K

AIKEN PATROL FACILITY SC, LUST RICHLAND AVE
AIKEN

Uknwn
Map Id

SC, Leaking Underground Storage Tanks

Site: AIKEN PATROL FACILITY

Possibly

related to sites at Map Ids 4, 5

Address: RICHLAND AVE

City: AIKEN, SC, 29801

Site ID RPT: 00276

County: AIKEN

Facility Details: Permit: N 00276; Category: State Government; Num Tanks: 1; Billable Tanks: 0; **Abandoned** Tanks: 1; Other Tanks: 0

Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00276>

Event 01: Release Number: 0; Reported: 12/30/1991; Compliance Required?: False; **NFA**: 7/12/1993; Compliance Met: False; Project Manager: PADGETT, JOEL P

COMMUNITY SERVICES INC SC, LUST JACKSON AT FAULKNER ST
GRANITEVILLE

Uknwn
Map Id

SC, Leaking Underground Storage Tanks

Site: COMMUNITY SERVICES INC

Address: JACKSON AT FAULKNER ST

City: GRANITEVILLE, SC, 29829

Site ID RPT: 13088

County: AIKEN

Facility Details: Permit: N 13088; Phone: 803-663-7421; Num Tanks: 1; Billable Tanks: 0; **Abandoned** Tanks: 1; Other Tanks: 0

Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/13088>

Event 01: Release Number: 0; Reported: 8/7/1992; Compliance Required?: False; **NFA**: 6/4/1993; Compliance Met: False; Project Manager: WISNEWSKI, BRIAN J

ENVIRONMENTAL RECORD SEARCH

SITES WITH OPERATING PERMITS

UNIVERSITY OF SOUTH CAROLINA AIKEN
UNIVERSITY OF SOUTH CAROLINA AIKEN

Fed, IAFS
SC, UST

471 UNIVERSITY PKWY
AIKEN

1
Map Id
Subject Site

Fed, ICIS AFS

Site: UNIVERSITY OF SOUTH CAROLINA AIKEN
 Address: 471 UNIVERSITY PKWY
 City: AIKEN, SC, 29801
 PGM SYS ID
 RPT: SC00000800092
 REGISTRY ID: 110001670996
 COUNTY NAME: Aiken
 NAICS CODES: 611310 - COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS
 Facility Details: Operating Status: Operating; Pollutant Class: Not applicable; Facility Type: POF (Privately Owned Facility); EPA Region: 04; FIPS Code: 45003; Number of inspections/compliance evaluations that have occurred within the last five years: 0; Informal compliance actions within the last five years: 0; Formal Enforcement Actions Count: 0; Total Penalties: \$0, FAC_LAST_PENALTY_AMT: Number of quarters, out of the last twelve quarters, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; Number of programs (CAA, CWA, SDWA, RCRA) related to the facility that have a current serious violation: 0; Current Compliance Status: No Violation Identified; 3 year compliance status by quarter (N = no violation): NNNNNNNNNNNN
 More Facility Details: CAA Permit Types: Not applicable; Number of quarters, out of the last twelve quarters of CAA data, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; CAA Current Compliance Status: No Violation Identified; CAA High Priority Violator (HPV) During Most Recent Quarter: N; 3 year CAA compliance status by quarter (N = no violation, S = SNC): NNNNNNNNNNNN
 Facility Notes: One or more of the associated ICIS-Air, ICIS-NPDES, RCRA or SDWA permits are in an active status; Currently NOT in Significant Non-compliance.
 Detailed Facility Report URL: <http://echo.epa.gov/detailed-facility-report?fid=110001670996>
 Formal Actions: None
 FCEs and PCEs: Activity: Inspection/Evaluation (I/E) (3600479600); End: 3/14/2016
 Activity: I/E (3401517823); End: 10/25/2013
 Activity: I/E (3401517822); End: 8/18/2011
 Activity: I/E (3401517821); End: 8/19/2009
 Activity: I/E (3401517819); End: 4/12/2007
 Activity: I/E (3401517820); End: 4/12/2005
 Activity: I/E (3401517818); End: 11/20/2003
 Activity: I/E (3401517816); End: 10/8/2002
 Activity: I/E (3401517817); End: 10/12/2001
 HPV and FRV History: None
 Informal Actions: None
 Air Pollutants: TOTAL PARTICULATE MATTER; Code: 300000322; Class: Minor Emissions
 TOTAL PARTICULATE MATTER; Code: 300000322; Class: Not applicable
 Air Programs and Subparts: Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards; Status: Operating
 Stack Tests: None
 Title V Certifications: None
 Lat / Long: 33.574040, -81.765433 (Based on address)

SC, Underground Storage Tanks

Site: UNIVERSITY OF SOUTH CAROLINA AIKEN
 Address: 471 UNIVERSITY PKWY
 City: AIKEN, SC, 29801

Operating Permits for

471 University Parkway, Aiken, SC 29801

Page: 42

Date: 6/5/2020

Job: 183262

SITE NUM

RPT: 00270

County: AIKEN

Facility Details: Permit: N 00270; Phone: 803-777-5269; Category: State Government; Last Inspection: 11/7/1997; Num Tanks: 2; Billable Tanks: 0; **Abandoned** Tanks: 2; Other Tanks: 0Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00270>Tank 01: Tank Num: 1; Class: N; Tank Construction: Steel; Pipe Construction: Steel; Operation Date: 3/30/1987; Status: **Abandoned**; Notify: 3/30/1987; Capacity: 5,000 gal; Product: Gasoline; Piping Type: Suction; Age at Notification: 10; **Abandoned**: 6/29/1998; Method: **Removed**; Under Dispenser Containment: False; Drop Tube: False; Tank Leak Detection: Inv. Control w/Tank Tightness TestingTank 02: Tank Num: 2; Class: N; Tank Construction: Steel; Pipe Construction: Steel; Operation Date: 3/30/1987; Status: **Abandoned**; Notify: 3/30/1987; Capacity: 5,000 gal; Product: Gasoline; Verified: 9/18/1996; Piping Type: Suction; Age at Notification: 10; **Abandoned**: 6/29/1998; Method: **Removed**; Under Dispenser Containment: False; Drop Tube: False; Tank Leak Detection: Inv. Control w/Tank Tightness Testing

Lat / Long: 33.574040, -81.765433 (Based on address)

KENT'S CORNER
CIRCLE K 3081SC, GSCDL
SC, UST301 ROBERT M BELL PKWY
AIKEN

2

Map Id

0.178 miles NW

SC, Gas Stations City Directory Listings

Site: KENT'S CORNER

Address: 301 ROBERT M BELL PKWY

City: AIKEN, SC, 29801-6385

County: AIKEN

Details 01: Business Name: KENT'S CORNER; Most Recent Listing: 2014; SIC Codes: 554101 - SERVICE STATIONS-GASOLINE & OIL (7 YEARS), 541103 - CONVENIENCE STORES (8 YEARS), 554110 - ALTERNATIVE FUELS (5 YEARS), 602103 - AUTOMATED TELLER MACHINES (5 YEARS); Web Address: WWW.EXXONMOBIL.COM/CORPORATE; Phone: 803-641-6551

Lat / Long: 33.577830, -81.769481 (Based on address)

SC, Underground Storage Tanks

Site: CIRCLE K 3081

Address: 301 ROBERT M BELL PKWY

City: AIKEN, SC, 29801-6385

SITE NUM

RPT: 17499

County: AIKEN

FacilityDetails: Permit: P 17499; Category: Retail Sales; Last Inspection: 11/7/2019; Num Tanks: 3; Billable Tanks: 3; **Abandoned** Tanks: 0; Other Tanks: 0Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/17499>

Tank 01: Tank Num: 1; Construction Date: 7/11/1996; Class: P; Tank Construction: Steel Clad; Pipe Construction: Flex piping in all its forms; Operation Date: 10/24/1996; Status: Currently in Use; Tank Protection: Fiberglass Coating; Pipe Protection: Flexible; Notify: 7/5/1996; Capacity: 20,000 gal; Product: Multiple petroleum; Overfill Type: Drop Tube Shut-off; Verified: 10/24/2017; Piping Type: Pressure; Compliance: 1/3/2020; Compliance Status: In Compliance; Age at Notification: 0; Dist. to Well (feet): 160; Spill Prevention: 7/5/1996; Under Dispenser Containment: True; Drop Tube: True; Tank Leak Detection: Automatic tank gauge 5/5/2014, Statistical Inventory Reconciliation 5/5/2014; Pipe Leak Detection: Electronic Line Leak Detector 4/30/2019, Line Tightness Test 5/1/2018, Line Tightness Test 5/1/2018, Electronic Line Leak Detector 4/30/2019

Tank 02: Tank Num: 2; Construction Date: 7/11/1996; Class: P; Tank Construction: Steel Clad; Pipe Construction: Flex piping in all its forms; Operation Date: 11/7/1996; Status: Currently in Use; Tank Protection: Fiberglass Coating; Pipe Protection: Flexible; Notify: 7/5/1996; Capacity: 4,000 gal; Product: Diesel fuel; Overfill Type: Drop Tube Shut-off; Verified: 10/24/2017; Piping Type: Suction; Compliance: 11/7/2019; Compliance Status: In Compliance; Age at Notification: 0; Dist. to Well (feet): 160; Spill Prevention: 7/5/1996; Under Dispenser Containment: True; Drop Tube: True; Tank Leak Detection: Automatic tank gauge 5/5/2014; Pipe Leak Detection: European Suction

Tank 03: Tank Num: 3; Construction Date: 10/25/1996; Class: P; Tank Construction: Steel Clad; Pipe Construction: Fiberglass reinforced plastic; Operation Date: 2/4/1998; Status: Currently in Use; Tank Protection: Fiberglass Coating; Pipe Protection: Fiberglass; Notify: 10/9/1996; Capacity: 1,000 gal; Product: Gasoline; Overfill Type: Drop Tube Shut-off; Verified: 1/3/2020; Piping Type: Suction; Compliance: 1/3/2020; Compliance Status: In Compliance; Age at Notification: 0; Dist. to Well (feet): 120; Spill Prevention: 10/9/1996; Under Dispenser Containment: True; Drop Tube: True; Tank Leak Detection: Automatic tank gauge 5/5/2014; Pipe Leak Detection: European Suction

Lat / Long: 33.577830, -81.769481 (Based on address)

Operating Permits for
471 University Parkway, Aiken, SC 29801

Page: 43
Date: 6/5/2020
Job: 183262

AIKEN UROLOGICAL ASSOCIATES PA Fed, FRS 410 UNIVERSITY PKWY STE 2300
AIKEN

3

Map Id
0.244 miles SE

Fed, Facility Registry System

Site: AIKEN UROLOGICAL ASSOCIATES PA
Address: 410 UNIVERSITY PKWY STE 2300
City: AIKEN, SC, 29801-6807
REGISTRY ID
Rpt: 110017010116
COUNTY
NAME: AIKEN
Detailed
Facility Report
URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail_disp_program_facility?p_registry_id=110017010116
Facility SC-EFIS:SC0000088025, SC-EFIS:SC0000088037, SC-EFIS:SC0000088040, SC-EFIS:SC0000093198, SC-EFIS:SC0000166405; EPA Region:
Details: 04; Site Type: STATIONARY; Supplemental Location: STE 2300

Lat / Long: 33.572600, -81.764531 (Based on address)

South Carolina Electric & Gas Company Fed, PCBR Camellia Street, NE
Aiken

Uknwn
Map Id

Fed, PCB Registrations

Site: South Carolina Electric & Gas Company
Address: Camellia Street, NE
City: Aiken, SC, 29801
TRANS
LOCATION
ID: 674
Contact Info: Name: Laura Blake-Orr; Phone: 803-217-7132; Company: South Carolina Electric & Gas Company; Address: 674, Columbia, SC 29201
Details 01: Number of Transformers: 0; Date Signed: 12/24/1998; Region: 4

South Carolina Electric & Gas Company Fed, PCBR Jefferson Davis
Clearwater

Uknwn
Map Id

Fed, PCB Registrations

Site: South Carolina Electric & Gas Company
Address: Jefferson Davis
City: Clearwater, SC, 29801
TRANS
LOCATION
ID: 675
Contact Info: Name: Laura Blake-Orr; Phone: 803-217-7132; Company: South Carolina Electric & Gas Company; Address: 675, Columbia, SC 29201
Details 01: Number of Transformers: 0; Date Signed: 12/24/1998; Region: 4

Operating Permits for
471 University Parkway, Aiken, SC 29801

Page: 44
Date: 6/5/2020
Job: 183262

South Carolina Electric & Gas Company

Fed, PCBR

Montgomery Street
Graniteville

Ukwnn
Map Id

Fed, PCB Registrations

Site: South Carolina Electric & Gas Company
Address: Montgomery Street
City: Graniteville, SC, 29829

TRANS
LOCATION
ID: 693

Contact Info: Name: Laura Blake-Orr; Phone: 803-217-7132; Company: South Carolina Electric & Gas Company; Address: 693, Columbia, SC 29201
Details 01: Number of Transformers: 0; Date Signed: 12/24/1998; Region: 4

SUPPLY SERVICE CO

Fed, TPP

RT 5 BOX 50
AIKEN

Ukwnn
Map Id

Fed, TSCA PPIS

Site: SUPPLY SERVICE CO
Address: RT 5 BOX 50
City: AIKEN, SC, 29801

CO NR Rpt: 015071

Product Registration Number 1
Details: Reg Num: 00229600102; Registered Product Name: NAC PINE ODOR DISINFECTANT; Product Form: Soluble Concentrate; Product Manager: Jacqueline Hardy, 703-308-6416; Pesticide Registration Approved: 11/28/1989; Distributor Registration Applied for: 2/5/1990; Distributor Registration Canceled or Transferred: 9/21/2016; Pesticide Registration Canceled: 9/21/2016; Names Product Distributed/Sold As: PINE ODOR DISINFECTANT, SUPPLY SERVICE PINE ODOR

Product Registration Number 2
Details: Reg Num: 00229600107; Registered Product Name: LEMON-QUAT DISINFECTANT CLEANER; Product Form: Soluble Concentrate; Product Manager: Eric Miederhoff, 703-347-8028; Pesticide Registration Approved: 7/18/1990; Distributor Registration Applied for: 6/3/1991; Distributor Registration Canceled or Transferred: 9/18/2015; Pesticide Registration Canceled: 9/18/2015; Names Product Distributed/Sold As: LEMON DISINFECTANT CLEANER

Product Registration Number 3
Details: Reg Num: 00229600109; Registered Product Name: CHERRY-QUAT; Product Form: Soluble Concentrate; Product Manager: Eric Miederhoff, 703-347-8028; Pesticide Registration Approved: 7/18/1990; Distributor Registration Applied for: 6/3/1991; Distributor Registration Canceled or Transferred: 9/18/2015; Pesticide Registration Canceled: 9/18/2015; Names Product Distributed/Sold As: MINT DISINFECTANT CLEANER

Product Registration Number 4
Details: Reg Num: 00400000060; Registered Product Name: LEMON SCENTED HOSPITAL DISINFECTANT; Product Form: Pressurized Liquid; Product Manager: Norman Fuller, 703-308-8062; Pesticide Registration Approved: 1/15/1975; Distributor Registration Applied for: 1/28/1975; Distributor Registration Canceled or Transferred: 1/22/1991; Pesticide Registration Canceled: 1/22/1991; Names Product Distributed/Sold As: LEMON HOSPITAL DISINFECTANT, SEPTICIDE LEMON SCENTED HOSPITAL DISINFECTANT & DEODORANT PSEUDOMONOCL

Product Registration Number 5
Details: Reg Num: 00400000061; Registered Product Name: CLEAN KILL SEASON LONG NON SELECTIVE WEED KILLER; Product Form: Ready-to-Use Solution; Product Manager: Mindy Ondish, 703-605-0723; Pesticide Registration Approved: 10/18/1974; Distributor Registration Applied for: 1/24/1975; Distributor Registration Canceled or Transferred: 8/10/1993; Pesticide Registration Canceled: 8/10/1993; Names Product Distributed/Sold As: CLEAN KILL SEASON LONG NON-SELECTIVE WEED KILLER

Product Registration Number 6
Details: Reg Num: 00400000062; Registered Product Name: AQUATROL WEED KILLER; Product Form: Emulsifiable Concentrate; Product Manager: Mindy Ondish, 703-605-0723; Pesticide Registration Approved: 5/19/1975; Distributor Registration Applied for: 6/3/1975; Distributor Registration Canceled or Transferred: 8/10/1993; Pesticide Registration Canceled: 8/10/1993; Names Product Distributed/Sold As: AQUATROL WEED KILLER

Product Registration Number 7
Details: Reg Num: 00400000063; Registered Product Name: NON-CONDUCTING WASP AND HORNET KILLER; Product Form: Pressurized Liquid; Pesticide Registration Approved: 6/20/1975; Distributor Registration Applied for: 7/17/1975; Distributor Registration Canceled or Transferred: 7/24/1996; Pesticide Registration Canceled: 7/24/1996; Names Product Distributed/Sold As: NON-CONDUCTING WASP & HORNET KILLER

Product Registration Number 8
Details: Reg Num: 00400000067; Registered Product Name: RESIDUAL ROACH SPRAY; Product Form: Ready-to-Use Solution; Pesticide Registration Approved: 6/3/1975; Distributor Registration Applied for: 6/25/1975; Distributor Registration Canceled or Transferred: 8/10/1993; Pesticide Registration Canceled: 8/10/1993; Names Product Distributed/Sold As: RESIDUAL ROACH SPRAY

- Product Registration Number 9 Details: Reg Num: 00431300009; Registered Product Name: PURE PINE OIL DISINFECTANT; Product Form: Soluble Concentrate; Product Manager: Jacqueline Hardy, 703-308-6416; Pesticide Registration Approved: 5/31/1960; Distributor Registration Applied for: 11/17/1977; Distributor Registration Canceled or Transferred: 8/26/2015; Pesticide Registration Canceled: 8/26/2015; Names Product Distributed/Sold As: S-S PURE PINE OIL DISINFECTANT
- Product Registration Number 10 Details: Reg Num: 00431300022; Registered Product Name: 776 DISINFECTANT VIRUCIDE & CLEANER; Product Form: Soluble Concentrate; Product Manager: Eric Miederhoff, 703-347-8028; Pesticide Registration Approved: 11/8/1962; Distributor Registration Applied for: 12/15/1987; Names Product Distributed/Sold As: LEMON DISINFECTANT-CLEANER
- Product Registration Number 11 Details: Reg Num: 00431300041; Registered Product Name: PINE II PINE ODOR DISINFECTANT; Product Form: Emulsifiable Concentrate; Product Manager: Jacqueline Hardy, 703-308-6416; Pesticide Registration Approved: 2/13/1973; Distributor Registration Applied for: 12/15/1987; Distributor Registration Canceled or Transferred: 8/3/2016; Pesticide Registration Canceled: 8/3/2016; Names Product Distributed/Sold As: PINE ODOR DISINFECTANT
- Product Registration Number 12 Details: Reg Num: 00431300051; Names Product Distributed/Sold As: S-S OCIDE HOSPITAL CLEANER DISINFECTANT
- Product Registration Number 13 Details: Reg Num: 00431300053; Registered Product Name: COMBO CLEANER-DISINFECTANT; Product Form: Soluble Concentrate; Product Manager: Eric Miederhoff, 703-347-8028; Pesticide Registration Approved: 5/23/1975; Distributor Registration Applied for: 11/3/1977; Distributor Registration Canceled or Transferred: 7/11/2001; Pesticide Registration Canceled: 7/11/2001; Names Product Distributed/Sold As: S-S COMBO CLEANER DISINFECTANT
- Product Registration Number 14 Details: Reg Num: 00431300054; Registered Product Name: MULTI-Q SANITIZER; Product Form: Soluble Concentrate; Product Manager: Eric Miederhoff, 703-347-8028; Pesticide Registration Approved: 7/23/1975; Distributor Registration Applied for: 11/3/1977; Distributor Registration Canceled or Transferred: 7/11/2001; Pesticide Registration Canceled: 7/11/2001; Names Product Distributed/Sold As: S-S QUAT SANITIZER
- Product Registration Number 15 Details: Reg Num: 00431300060; Registered Product Name: NON-FOMING SWIMMING POOL ALGAECIDE; Product Form: Ready-to-Use Solution; Product Manager: Norman Fuller, 703-308-8062; Pesticide Registration Approved: 7/11/1977; Distributor Registration Applied for: 11/3/1977; Distributor Registration Canceled or Transferred: 10/10/1989; Pesticide Registration Canceled: 10/10/1989; Names Product Distributed/Sold As: S-S NONFOAMING SWIMMING POOL ALGAECIDE
- Product Registration Number 16 Details: Reg Num: 01032400085; Registered Product Name: MAQUAT 86-M; Product Form: Ready-to-Use Solution; Product Manager: Eric Miederhoff, 703-347-8028; Pesticide Registration Approved: 3/30/1990; Distributor Registration Applied for: 10/20/2009; Names Product Distributed/Sold As: SCOOT NON ACID BATHROOM DISINFECTANT

ALL KLEEN BUILDING MAINTENANCE SUPPLY

Fed, TPP

38 ALPINE DR-RT 5 BOX 603

AIKEN

Uknwn

Map Id

Fed, TSCA PPIS

Site: ALL KLEEN BUILDING MAINTENANCE SUPPLY
 Address: 38 ALPINE DR-RT 5 BOX 603
 City: AIKEN, SC, 29801
 CO NR Rpt: 016249

- Product Registration Number 1 Details: Reg Num: 00400000060; Registered Product Name: LEMON SCENTED HOSPITAL DISINFECTANT; Product Form: Pressurized Liquid; Product Manager: Norman Fuller, 703-308-8062; Pesticide Registration Approved: 1/15/1975; Distributor Registration Applied for: 1/28/1975; Distributor Registration Canceled or Transferred: 1/22/1991; Pesticide Registration Canceled: 1/22/1991; Names Product Distributed/Sold As: LEMON HOSPITAL DISINFECTANT, SEPTICIDE LEMON SCENTED HOSPITAL DISINFECTANT & DEODORANT PSEUDOMONOCI
- Product Registration Number 2 Details: Reg Num: 00400000061; Registered Product Name: CLEAN KILL SEASON LONG NON SELECTIVE WEED KILLER; Product Form: Ready-to-Use Solution; Product Manager: Mindy Ondish, 703-605-0723; Pesticide Registration Approved: 10/18/1974; Distributor Registration Applied for: 1/24/1975; Distributor Registration Canceled or Transferred: 8/10/1993; Pesticide Registration Canceled: 8/10/1993; Names Product Distributed/Sold As: CLEAN KILL SEASON LONG NON-SELECTIVE WEED KILLER
- Product Registration Number 3 Details: Reg Num: 00400000062; Registered Product Name: AQUATROL WEED KILLER; Product Form: Emulsifiable Concentrate; Product Manager: Mindy Ondish, 703-605-0723; Pesticide Registration Approved: 5/19/1975; Distributor Registration Applied for: 6/3/1975; Distributor Registration Canceled or Transferred: 8/10/1993; Pesticide Registration Canceled: 8/10/1993; Names Product Distributed/Sold As: AQUATROL WEED KILLER
- Product Registration Number 4 Details: Reg Num: 00400000063; Registered Product Name: NON-CONDUCTING WASP AND HORNET KILLER; Product Form: Pressurized Liquid; Pesticide Registration Approved: 6/20/1975; Distributor Registration Applied for: 7/17/1975; Distributor Registration Canceled or Transferred: 7/24/1996; Pesticide Registration Canceled: 7/24/1996; Names Product Distributed/Sold As: NON-CONDUCTING WASP & HORNET KILLER

Operating Permits for

471 University Parkway, Aiken, SC 29801

Page: 46

Date: 6/5/2020

Job: 183262

Product**Registration****Number 5****Details:**

Reg Num: 00400000067; Registered Product Name: RESIDUAL ROACH SPRAY; Product Form: Ready-to-Use Solution; Pesticide Registration Approved: 6/3/1975; Distributor Registration Applied for: 6/25/1975; Distributor Registration Canceled or Transferred: 8/10/1993; Pesticide Registration Canceled: 8/10/1993; Names Product Distributed/Sold As: RESIDUAL ROACH SPRAY

AIKEN PEST CONTROL INC.

Fed, TPP

PO BOX 2042

AIKEN

Ukwnn

Map Id

Fed, TSCA PPIS

Site: AIKEN PEST CONTROL INC.

*Possibly**related to sites at Map Ids 4, 5*

Address: PO BOX 2042

City: AIKEN, SC, 29801

CO NR Rpt: 054912

Company

Contact: 803-649-9803

Product**Registration****Number 1****Details:**

Reg Num: 00695900051; Registered Product Name: CESSCO 5E INSECTICIDE; Product Form: Pressurized Liquid; Pesticide Registration Approved: 10/7/1980; Distributor Registration Applied for: 11/12/1985; Distributor Registration Canceled or Transferred: 8/31/1994; Pesticide Registration Canceled: 8/31/1994; Names Product Distributed/Sold As: AIKEN PEST CONTROL

A&A CHEMICAL AND PAPER

Fed, TPP

PO BOX 301

GRANITEVILLE

Ukwnn

Map Id

Fed, TSCA PPIS

Site: A&A CHEMICAL AND PAPER

Address: PO BOX 301

City: GRANITEVILLE, SC, 29829

CO NR Rpt: 090401

Company

Contact: KINDRA STERLING, 803-663-1474

Product**Registration****Number 1****Details:**

Reg Num: 01032400154; Registered Product Name: MAQUAT 64-NHQ; Product Form: Soluble Concentrate; Product Manager: Eric Miederhoff, 703-347-8028; Pesticide Registration Approved: 10/19/2004; Distributor Registration Applied for: 1/7/2014; Distributor Registration Canceled or Transferred: 10/11/2016; Names Product Distributed/Sold As: CLEAN & FRESH DISINFECTANT CLEANER & DEODORIZER FRESH

Product**Registration****Number 2****Details:**

Reg Num: 01032400167; Registered Product Name: MAQUAT 32 PD; Product Form: Soluble Concentrate; Product Manager: Eric Miederhoff, 703-347-8028; Pesticide Registration Approved: 9/20/2006; Distributor Registration Applied for: 11/27/2013; Distributor Registration Canceled or Transferred: 10/11/2016; Names Product Distributed/Sold As: LEMON FRESH DISINFECTANT CLEANER & DEODORIZER LEMON

MARTIN MAR:GRANITVL

Fed, IAFS

RAINBOW FALLS RD

GRANITEVILLE

Ukwnn

Map Id

Fed, ICIS AFS

Site: MARTIN MAR:GRANITVL

Address: RAINBOW FALLS RD

City: GRANITEVILLE, SC, 29829

PGM SYS ID

RPT: SC0000004500300224

REGISTRY

ID: 110007184322

COUNTY

NAME: Aiken

NAICS

CODES: 212313 - CRUSHED AND BROKEN GRANITE MINING AND QUARRYING

SIC CODES: 1423 - CRUSHED AND BROKEN GRANITE

Facility

Details:

Operating Status: Operating; Pollutant Class: Minor Emissions; Facility Type: POF (Privately Owned Facility); EPA Region: 04; FIPS Code: 45003; Number of inspections/compliance evaluations that have occurred within the last five years: 0; Informal compliance actions within the last five years: 0; Formal Enforcement Actions Count: 0; **Total Penalties:** \$0, FAC_LAST **PENALTY** AMT; Number of quarters, out of the last twelve quarters, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; Number of programs (CAA, CWA, SDWA, RCRA) related to the facility that have a current serious violation: 0; Current Compliance Status: No Violation Identified; 3 year compliance status by quarter (N = no violation): NNNNNNNNNNNN

More Facility

Details:

CAA Permit Types: Minor Emissions; Number of quarters, out of the last twelve quarters of CAA data, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; CAA Current Compliance Status: No Violation Identified; CAA High Priority Violator (HPV) During Most Recent Quarter: N; 3 year CAA compliance status by quarter (N = no violation, S = SNC): NNNNNNNNNNNN

Facility Notes:

One or more of the associated ICIS-Air, ICIS-NPDES, RCRA or SDWA permits are in an active status; Currently NOT in Significant Non-compliance.

Detailed

Facility Report

URL: <http://echo.epa.gov/detailed-facility-report?fid=110007184322>

Formal

Actions: None

FCEs and

PCEs: None

HPV and FRV

History: None

Informal

Actions: None

Air Pollutants: TOTAL PARTICULATE MATTER; Code: 300000322; Class: Minor Emissions

Air Programs

and Subparts: Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards; Status: Operating

Stack Tests: None

Title V

Certifications: None

MARTIN MARIETTA:AIKEN QUARRY (OLD)

Fed, IAFS

SR33 & 779

Uknwn

AIKEN

Map Id

Fed, ICIS AFS

Site: MARTIN MARIETTA:AIKEN QUARRY (OLD)

Address: SR33 & 779

City: AIKEN, SC, 29801

PGM SYS ID

RPT: SC00000800083

REGISTRY

ID: 110038792937

COUNTY

NAME: Aiken

NAICS

CODES: 212313 - CRUSHED AND BROKEN GRANITE MINING AND QUARRYING

SIC CODES: 1423 - CRUSHED AND BROKEN GRANITE

Facility

Details:

Operating Status: Permanently **Closed**; Pollutant Class: Minor Emissions; Facility Type: POF (Privately Owned Facility); EPA Region: 04; FIPS Code: 45003; Number of inspections/compliance evaluations that have occurred within the last five years: 0; Informal compliance actions within the last five years: 0; Formal Enforcement Actions Count: 0; **Total Penalties:** \$0, FAC_LAST **PENALTY** AMT; Number of quarters, out of the last twelve quarters, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; Number of programs (CAA, CWA, SDWA, RCRA) related to the facility that have a current serious violation: 0; Current Compliance Status: No Violation Identified; 3 year compliance status by quarter (N = no violation): NNNNNNNNNNNN

More Facility Details: Number of quarters, out of the last twelve quarters of CAA data, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; CAA Current Compliance Status: No Violation Identified; CAA High Priority Violator (HPV) During Most Recent Quarter: N; 3 year CAA compliance status by quarter (N = no violation, S = SNC): NNNNNNNNNNNN

Facility Notes: Currently NOT in Significant Non-compliance.

Detailed

Facility Report

URL: <http://echo.epa.gov/detailed-facility-report?fid=110038792937>

Formal

Actions: None

FCEs and

PCEs: None

HPV and FRV

History: None

Informal

Actions: None

Air Pollutants: None

Air Programs

and Subparts: Program: New Source Performance Standards; Status: Permanently **Closed**

Stack Tests: None

Title V

Certifications: None

SRS BOAT RAMP	Fed, IAFS	HWY 19/278 & 781 AIKEN	Ukwnn Map Id
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Fed, ICIS AFS

Site: SRS BOAT RAMP

Address: HWY 19/278 & 781

City: AIKEN, SC, 29801

PGM SYS ID

RPT: SC00000800133

REGISTRY

ID: 110040508117

COUNTY

NAME: Aiken

NAICS

CODES: 512210 - RECORD PRODUCTION

SIC CODES: 8999 - SERVICES, NOT ELSEWHERE CLASSIFIED

Facility Details: Operating Status: Permanently **Closed**; Pollutant Class: Not applicable; Facility Type: POF (Privately Owned Facility); EPA Region: 04; FIPS Code: 45003; Number of inspections/compliance evaluations that have occurred within the last five years: 0; Informal compliance actions within the last five years: 0; Formal Enforcement Actions Count: 0; **Total Penalties**: \$0, **FAC_LAST_PENALTY** AMT; Number of quarters, out of the last twelve quarters, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; Number of programs (CAA, CWA, SDWA, RCRA) related to the facility that have a current serious violation: 0; Current Compliance Status: No Violation Identified; 3 year compliance status by quarter (N = no violation): NNNNNNNNNNNN

More Facility Details: CAA Permit Types: Not applicable; Number of quarters, out of the last twelve quarters of CAA data, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; CAA Current Compliance Status: No Violation Identified; CAA High Priority Violator (HPV) During Most Recent Quarter: N; 3 year CAA compliance status by quarter (N = no violation, S = SNC): NNNNNNNNNNNN

Facility Notes: Currently NOT in Significant Non-compliance.

Detailed

Facility Report

URL: <http://echo.epa.gov/detailed-facility-report?fid=110040508117>

Formal

Actions: None

FCEs and

PCEs: None

Operating Permits for

471 University Parkway, Aiken, SC 29801

Page: 49

Date: 6/5/2020

Job: 183262

HPV and FRV

History: None

Informal

Actions: None

Air Pollutants: POLLUTANT X, Code: 300000323; Class: Not applicable

Air Programs

and Subparts: Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards; Status: Permanently **Closed**

Stack Tests: None

Title V

Certifications: None

APAC GEORGIA ASPHALT PLANT #16-CLOSED

Fed, IAFS

REYNOLDS POND RD

Uknwn

AIKEN

Map Id

Fed, ICIS AFSSite: APAC GEORGIA ASPHALT PLANT #16-**CLOSED (NLR)**

Address: REYNOLDS POND RD

City: AIKEN, SC, 29801

PGM SYS ID

RPT: SC00099000011

REGISTRY

ID: 110062747425

COUNTY

NAME: Aiken

NAICS

CODES: 324121 - ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING

SIC CODES: 2951 - ASPHALT PAVING MIXTURES AND BLOCKS

Facility

Details:

Operating Status: Permanently **Closed**; Pollutant Class: Minor Emissions; Facility Type: POF (Privately Owned Facility); EPA Region: 04; Number of inspections/compliance evaluations that have occurred within the last five years: 0; Informal compliance actions within the last five years: 0; Formal Enforcement Actions Count: 0; **Total Penalties**: \$0, FAC_LAST **PENALTY** AMT; Number of quarters, out of the last twelve quarters, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; Number of programs (CAA, CWA, SDWA, RCRA) related to the facility that have a current serious violation: 0; Current Compliance Status: No Violation Identified; 3 year compliance status by quarter (N = no violation): NNNNNNNNNNNN

More Facility

Details:

CAA Permit Types: Minor Emissions; Number of quarters, out of the last twelve quarters of CAA data, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; CAA Current Compliance Status: No Violation Identified; CAA High Priority Violator (HPV) During Most Recent Quarter: N; 3 year CAA compliance status by quarter (N = no violation, S = SNC): NNNNNNNNNNNN

Facility Notes: Currently NOT in Significant Non-compliance.

Detailed

Facility Report

URL: <http://echo.epa.gov/detailed-facility-report?fid=110062747425>

Formal

Actions: None

FCEs and

PCEs: None

HPV and FRV

History: None

Informal

Actions: None

Air Pollutants: ADMIN; Code: 300000328; Class: Emissions classification unknown
TOTAL PARTICULATE MATTER; Code: 300000322; Class: Minor Emissions

Air Programs

and Subparts: Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards; Status: Permanently **Closed**

Stack Tests: None

Title V

Certifications: None

Operating Permits for
471 University Parkway, Aiken, SC 29801

Page: 50
Date: 6/5/2020
Job: 183262

CULBREATH,EC & SON

Fed, IAFS

RTE 19

EUREKA

Ukwnn

Map Id

Fed, ICIS AFS

Site: CULBREATH,EC & SON (NLR)

Address: RTE 19

City: EUREKA, SC, 29801

PGM SYS ID

RPT: SC00099000027

REGISTRY

ID: 110062747434

COUNTY

NAME: Aiken

NAICS

CODES: 324121 - ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING

SIC CODES: 2951 - ASPHALT PAVING MIXTURES AND BLOCKS

Facility Details: Operating Status: Permanently **Closed**; Pollutant Class: Minor Emissions; Facility Type: POF (Privately Owned Facility); EPA Region: 04; Number of inspections/compliance evaluations that have occurred within the last five years: 0; Informal compliance actions within the last five years: 0; Formal Enforcement Actions Count: 0; **Total Penalties**: \$0, FAC_LAST **PENALTY** AMT; Number of quarters, out of the last twelve quarters, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; Number of programs (CAA, CWA, SDWA, RCRA) related to the facility that have a current serious violation: 0; Current Compliance Status: No Violation Identified; 3 year compliance status by quarter (N = no violation): NNNNNNNNNNNN

More Facility Details: CAA Permit Types: Minor Emissions; Number of quarters, out of the last twelve quarters of CAA data, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; CAA Current Compliance Status: No Violation Identified; CAA High Priority Violator (HPV) During Most Recent Quarter: N; 3 year CAA compliance status by quarter (N = no violation, S = SNC): NNNNNNNNNNNN

Facility Notes: Currently NOT in Significant Non-compliance.

Detailed

Facility Report

URL: <http://echo.epa.gov/detailed-facility-report?fid=110062747434>

Formal

Actions: None

FCEs and

PCEs: None

HPV and FRV

History: None

Informal

Actions: None

Air Pollutants: ADMIN; Code: 300000328; Class: Emissions classification unknown

TOTAL PARTICULATE MATTER; Code: 300000322; Class: Minor Emissions

Air Programs

and Subparts: Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards; Status: Permanently **Closed**

Stack Tests: None

Title V

Certifications: None

S&P GRADING COMPANY

Fed, IAFS

OFF HWY 19

AIKEN

Ukwnn

Map Id

Fed, ICIS AFS

Site: S&P GRADING COMPANY (NLR)

Address: OFF HWY 19

City: AIKEN, SC, 29801

PGM SYS ID

RPT: SC00099000043

REGISTRY

ID: 110062747443

COUNTY

NAME: Aiken

NAICS

CODES: 324121 - ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING

SIC CODES: 2951 - ASPHALT PAVING MIXTURES AND BLOCKS

Facility

Details:

Operating Status: Permanently **Closed**; Pollutant Class: Minor Emissions; Facility Type: POF (Privately Owned Facility); EPA Region: 04; Number of inspections/compliance evaluations that have occurred within the last five years: 0; Informal compliance actions within the last five years: 0; Formal Enforcement Actions Count: 0; **Total Penalties**: \$0, FAC_LAST **PENALTY** AMT; Number of quarters, out of the last twelve quarters, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; Number of programs (CAA, CWA, SDWA, RCRA) related to the facility that have a current serious violation: 0; Current Compliance Status: No Violation Identified; 3 year compliance status by quarter (N = no violation): NNNNNNNNNNNN

More Facility

Details:

CAA Permit Types: Minor Emissions; Number of quarters, out of the last twelve quarters of CAA data, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; CAA Current Compliance Status: No Violation Identified; CAA High Priority Violator (HPV) During Most Recent Quarter: N; 3 year CAA compliance status by quarter (N = no violation, S = SNC): NNNNNNNNNNNN

Facility Notes: Currently NOT in Significant Non-compliance.

Detailed

Facility Report

URL: <http://echo.epa.gov/detailed-facility-report?fid=110062747443>

Formal

Actions: None

FCEs and

PCEs: None

HPV and FRV

History: None

Informal

Actions: None

Air Pollutants: ADMIN; Code: 300000328; Class: Emissions classification unknown
TOTAL PARTICULATE MATTER; Code: 300000322; Class: Minor Emissions
VISIBLE EMISSIONS; Code: 300000236; Class: Emissions classification unknown

Air Programs

and Subparts: Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards; Status: Permanently **Closed**

Stack Tests: None

Title V

Certifications: None

CHAMPION CONCRETE INC

Fed, IAFS

AREA P SAVANNAH RIVER SITE

Uknwn

AIKEN

Map Id

Fed, ICIS AFS

Site: CHAMPION CONCRETE INC

Address: AREA P SAVANNAH RIVER SITE

City: AIKEN, SC, 29801

PGM SYS ID

RPT: SC00099000568

REGISTRY

ID: 110056428735

COUNTY

NAME: Aiken

NAICS

CODES: 327320 - READY-MIX CONCRETE MANUFACTURING

Facility

Details:

Operating Status: Operating; Pollutant Class: Minor Emissions; Facility Type: POF (Privately Owned Facility); EPA Region: 04; FIPS Code: 45003; Number of inspections/compliance evaluations that have occurred within the last five years: 0; Informal compliance actions within the last five years: 0; Formal Enforcement Actions Count: 0; **Total Penalties**: \$0, FAC_LAST **PENALTY** AMT; Number of quarters, out of the last twelve quarters, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; Number of programs (CAA, CWA, SDWA, RCRA) related to the facility that have a current serious violation: 0; Current Compliance Status: No Violation Identified; 3 year compliance status by quarter (N = no violation): NNNNNNNNNNNN

Operating Permits for

471 University Parkway, Aiken, SC 29801

Page: 52

Date: 6/5/2020

Job: 183262

More Facility Details: Number of quarters, out of the last twelve quarters of CAA data, in which the permit or site is considered either in Non-compliance (NC), Significant Non-compliance (SNC) or High Priority violation (HPV) status: 0; CAA Current Compliance Status: No Violation Identified; CAA High Priority Violator (HPV) During Most Recent Quarter: N; 3 year CAA compliance status by quarter (N = no violation, S = SNC): NNNNNNNNNNNN

Facility Notes: One or more of the associated ICIS-Air, ICIS-NPDES, RCRA or SDWA permits are in an active status; Currently NOT in Significant Non-compliance.

Detailed Facility Report

URL: <http://echo.epa.gov/detailed-facility-report?fid=110056428735>

Formal Actions: None

FCEs and PCEs: Activity: Inspection/Evaluation (I/E) (3401532457); End: 1/31/2013

Activity: I/E (3401532456); End: 11/3/2011

HPV and FRV History: None

Informal Actions: None

Air Pollutants: None

Air Programs and Subparts: Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards; Status: Operating

Stack Tests: None

Title V Certifications: None

SUNDANCE CLEANERS

SC, DCCDL

FOODMAX VILLAGE
AIKEN

Ukwn
Map Id

SC, Dry Cleaners City Directory Listings

Site: SUNDANCE CLEANERS

Address: FOODMAX VILLAGE

City: AIKEN, SC, 29801

County: AIKEN

Details 01: Business Name: SUNDANCE CLEANERS; Most Recent Listing: 1997; Phone: 803-649-2324

SUNDANCE CLEANERS

SC, DCCDL

HITCHCOCK PLAZA
AIKEN

Ukwn
Map Id

SC, Dry Cleaners City Directory Listings

Site: SUNDANCE CLEANERS

Address: HITCHCOCK PLAZA

City: AIKEN, SC, 29801

County: AIKEN

Details 01: Business Name: SUNDANCE CLEANERS; Most Recent Listing: 1997; Phone: 803-648-9623

GERALDS QUICK SHOP

SC, GSCDL

HWY 19 N
AIKEN

Ukwn
Map Id

SC, Gas Stations City Directory Listings

Site: GERALDS QUICK SHOP

Address: HWY 19 N

City: AIKEN, SC, 29801

Operating Permits for
471 University Parkway, Aiken, SC 29801

Page: 53
Date: 6/5/2020
Job: 183262

Details 01: Business Name: GERALDS QUICK SHOP; Most Recent Listing: 1994; SIC Codes: 5541; Phone: 803-648-1359

SHOP N FILL STORES

SC, GSCDL HWY I
AIKEN

Uknwn
Map Id

SC, Gas Stations City Directory Listings

Site: SHOP N FILL STORES
Address: HWY I
City: AIKEN, SC, 29801

Details 01: Business Name: SHOP N FILL STORES; Most Recent Listing: 1994; SIC Codes: 5541; Phone: 803-649-0001

SUNOCO

SC, GSCDL US HIGHWAY # 1
AIKEN

Uknwn
Map Id

SC, Gas Stations City Directory Listings

Site: SUNOCO
Address: US HIGHWAY # 1
City: AIKEN, SC, 29801
County: AIKEN

Details 01: Business Name: SUNOCO SPEEDWAY; Most Recent Listing: 2005; SIC Codes: 554101 - SERVICE STATIONS-GASOLINE & OIL (1 YEARS), 541103 - CONVENIENCE STORES (2 YEARS); Phone: 803-649-0898

Details 02: Business Name: SUNOCO; Most Recent Listing: 2006; SIC Codes: 554101 - SERVICE STATIONS-GASOLINE & OIL (1 YEARS), 541103 - CONVENIENCE STORES (4 YEARS); Phone: 803-649-0898

PET DAIRY

SC, UST WAGENER RD
AIKEN

Uknwn
Map Id

SC, Underground Storage Tanks

Site: PET DAIRY
Address: WAGENER RD
City: AIKEN, SC, 29801

SITE NUM

RPT: 00069

County: AIKEN

Facility

Details: Permit: N 00069; Last Inspection: 2/12/1997; Num Tanks: 0; Billable Tanks: 0; **Abandoned** Tanks: 0; Other Tanks: 0

Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00069>

Tank 01: No tanks found for this site.

GULF SERVICE STATION 334680

SC, UST I-20 US #1 HWY
AIKEN

Uknwn
Map Id

SC, Underground Storage Tanks

Site: GULF SERVICE STATION 334680
Address: I-20 US #1 HWY
City: AIKEN, SC, 29801

SITE NUM

RPT: 00088

Operating Permits for

471 University Parkway, Aiken, SC 29801

Page: 54

Date: 6/5/2020

Job: 183262

County: AIKEN

Facility

Details: Permit: N 00088; Num Tanks: 0; Billable Tanks: 0; **Abandoned** Tanks: 0; Other Tanks: 0

Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00088>

Tank 01: No tanks found for this site.

NATIONAL SOUTHERN CORP

SC, UST

HWY 19 N

AIKEN

Uknwn

Map Id

SC, Underground Storage Tanks

Site: NATIONAL SOUTHERN CORP

Address: HWY 19 N

City: AIKEN, SC, 29801

SITE NUM

RPT: 00204

County: AIKEN

Facility

Details: Permit: N 00204; Phone: 803-648-5406; Last Inspection: 9/30/1998; Num Tanks: 0; Billable Tanks: 0; **Abandoned** Tanks: 0; Other Tanks: 0

Facility url: <https://apps.dhec.sc.gov/Environment/USTRegistry/Registry/Details/00204>

Tank 01: No tanks found for this site.

REFERENCED SOURCES

Fed, ARPP

Fed, Active Reg Pesticide Producing Facilities (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

The Active Registered Pesticide Producing Facilities Database lists the most current non-Confidential Business Information (CBI) of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS).

Fed, BRF

Fed, Brownfields (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

With certain legal exclusions and additions, the term "brownfield site" means real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Since its inception in 1995, EPA's Brownfields Program has grown into a proven, results-oriented program that has changed the way contaminated property is perceived, addressed, and managed. EPA's Brownfields Program is designed to empower states, communities, and other stakeholders in economic redevelopment to work together in a timely manner to prevent, assess, safely clean up, and sustainably reuse brownfields. It is estimated that there are more than 450,000 brownfields in the U.S. Cleaning up and reinvesting in these properties increases local tax bases, facilitates job growth, utilizes existing infrastructure, takes development pressures off of undeveloped, open land, and both improves and protects the environment. Initially, EPA provided small amounts of seed money to local governments that launched hundreds of two-year brownfield "pilot" projects. Through passage of the Small Business Liability Relief and Brownfields Revitalization Act, effective polices that EPA had developed over the years were passed into law. The Brownfields Law expanded EPA's assistance by providing new tools for the public and private sectors to promote sustainable brownfields cleanup and reuse.

Brownfields grants continue to serve as the foundation of EPA's Brownfields Program. These grants support revitalization efforts by funding environmental assessment, cleanup, and job training activities. Brownfields Assessment Grants provide funding for brownfield inventories, planning, environmental assessments, and community outreach. Brownfields Revolving Loan Fund Grants provide funding to capitalize loans that are used to clean up brownfields. Brownfields Job Training Grants provide environmental training for residents of brownfields communities. Brownfields Cleanup Grants provide direct funding for cleanup activities at certain properties with planned greenspace, recreational, or other nonprofit uses.

EPA's investment in the Brownfields Program has resulted in many accomplishments, including leveraging more than \$14.0 billion in brownfields cleanup and redevelopment funding from the private and public sectors and leveraging approximately 60,917 jobs. The momentum generated by the Program is leaving an enduring legacy. The Brownfields Program and its partners have provided guidance and incentives to support economic revitalization, and have empowered communities to address the brownfields in their midst. EPA's Brownfield Program continues to look to the future by expanding the types of properties it addresses, forming new partnerships, and undertaking new initiatives to help revitalize communities across the nation.

Fed, CDL

Fed, Clandestine Drug Labs (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

The mission of DEA's Chemical Control Program is to reduce the supply of illicit drugs and diverted chemicals by disrupting and dismantling the operations and financial infrastructures of major trafficking organizations. The production of illegal drugs such as methamphetamine, cocaine, heroin and MDMA (ecstasy) requires enormous quantities of precursor chemicals. The Chemical Control Program works with domestic and international partners to target the drug and chemical trafficking organizations most responsible for the production, distribution, and diversion of precursor chemicals.

Fed, ERNS

Fed, Emergency Response Notification Sys (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

The "Emergency Response Notification System" (ERNS) ERNS is a national database used to store information on releases of oil and hazardous substances. Its primary purpose is to standardize and collect notifications made to the federal government under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), the Superfund Amendments and ... Reauthorization Act (SARA), the Clean Water Act (CWA), and the Hazardous Material Transportation Act . Since its inception in 1986, ERNS has received over 170,000 release notifications.

The ERNS program is a cooperative data sharing effort among EPA Headquarters, DOT Research and Special Programs Administration's John A. Volpe National Transportation Systems Center (VNTSC), and the National Response Center (NRC) (a nationwide response center for chemical emergencies, staffed by the U.S. Coast Guard and sponsored by 14 federal agencies). EPA manages and funds ERNS, and the VNTSC provides operation and maintenance support through an interagency agreement with EPA.

Currently, ERNS data are used to assist decision-makers in emergency response and release prevention issues. Specific examples of ERNS data applications include guidance and regulatory development, responses to congressional inquiries, response preparedness, compliance and enforcement support, statistical and trend analysis, environmental planning, spill prevention programs, legal analyses, property transfers/site audits, and academic research.

Fed, FHWCD

Fed, Hazardous Waste Compliance Docket (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

Since 1988, the Environmental Protection Agency (EPA) has maintained a Federal Agency Hazardous Waste Compliance Docket (the "Docket") under Section 120(c) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Section 120(c) requires EPA to establish a Docket that contains certain information reported to EPA by Federal facilities that manage hazardous waste or from which a reportable quantity of hazardous substances has been released. The Docket is used to identify Federal facilities that should be evaluated to determine if they pose a threat to public health or welfare and the environment and to provide a mechanism to make this information available to the public. The Docket contains

information that is submitted by Federal facilities under the following authorities: CERCLA Section 103 and RCRA Sections 3005, 3010 and 3016. EPA is required to publish a list of newly reported facilities in the Federal Register. CERCLA Section 120(d) requires EPA to take steps to assure that a Preliminary Assessment (PA) be completed for those sites identified in the Docket and that the evaluation and listing of sites with a PA be completed within a reasonable time frame. The PA is designed to provide information for EPA to consider when evaluating the site for potential response action or inclusion on the National Priorities List (NPL).

Fed, FRS

Fed, Facility Registry System (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

The Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel. The FRS provides Internet access to a single integrated source of comprehensive (air, water, and waste) environmental information about facilities, sites or places.

FRS has over 1.5 million unique facility records linking over 2.0 million program interests such as: Toxic Release Inventory Submitters (all years: 1987 - 2002); Resource Conservation and Recovery Act Information (RCRAInfo); Risk Management Plans (RMPs); Permit Compliance System (PCS) - Majors and Minors; Biennial Reporting System (BRS) 1995/1997; Aerometric Information Retrieval System (AIRS)/AIRS Facility Subsystem; Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); State master records from Pennsylvania, Utah, Mississippi, South Carolina, Nebraska, Minnesota, Ohio, Indiana, Maryland, Georgia, Oregon, Hawaii, and Washington.

Fed, HMP

Fed, HMIRS Pipeline (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

Distribution, Transmission, and Liquid Accident and Incident Data. The Research and Special Programs Administration's (RSPA) Office of Pipeline Safety (OPS) maintains the Hazardous Liquid Pipelines Accident Report database, which contains data describing accidents involving hazardous liquid pipelines. To be reportable, an event must result in (a) an explosion or fire not intentionally set by the operator, (b) a loss of 5 or more gallons of hazardous liquid or carbon dioxide, excepting some spills under 5 barrels that do not cause water pollution or that result from maintenance activity, (c) death of any person, (d) personal injury necessitating hospitalization, or (e) estimated property damage, including cleanup, recovery, value of lost product, and damage to property exceeding \$50,000. Following an accident, pipeline operators are required to submit a report to RSPA (DOT form 7000-1) as soon as practicable, but not more than 30 days after the event. Reports are reviewed for accuracy and completeness by RSPA staff and entered into a database monthly. The database was established in 1970 and was revised in 1986 and 2002. Before 2002, between 80 and 250 new accident records were added to the database annually. In January 2002, RSPA reduced the threshold for reporting hazardous liquid pipeline accidents from 50 barrels to 5 gallons or 5 barrels, depending on the circumstances of the spill. As a result of this change, the total number of hazardous liquid pipeline accidents reported in 2002 will be much higher than the number reported in prior years.

Fed, HMT

Fed, HMIRS Transport Permits (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 10/4/2019.)

Offerors and transporters of certain quantities and types of hazardous materials, including hazardous wastes, are required to file an annual registration statement with the U.S. Department of Transportation and to pay a fee (see Title 49 CFR Part 107, Subpart G (107.601 - 107.620)). The fee provides funds for grants distributed to States and Indian tribes for hazardous materials emergency response planning and training and to certain professional organizations for training purposes. This program began in 1992 and is administered by the Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration (PHMSA).

Fed, HMTI

Fed, HMIRS Transport Incidents (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

PHMSA is a U.S. Department of Transportation agency that develops and enforces regulations for the safe, reliable, and environmentally sound operation of the nation's 2.6 million mile pipeline transportation system and the nearly 1 million daily shipments of hazardous materials by land, sea, and air. PHMSA comprises two safety offices, the Office of Pipeline Safety and the Office of Hazardous Materials Safety. Industries regulated by PHMSA are required to report incidents which meet or exceed established reporting criteria. Office of Hazardous Materials Safety has many programs that affect the safe and secure transportation of hazardous materials. These programs include Special Permits, Rulemaking, Outreach and Training and Enforcement.

The regulations in 49 CFR 171.15 and 171.16 of the PHMSA govern who should be informed and what information should be reported when an incident occurs. PHMSA provides access to this data through the Hazardous Materials Incident Reports Database.

Fed, IAFS

Fed, ICIS AFS (Agency Contact: 4/1/2020. Data Update: 4/8/2020.)

AFS was shut-down and frozen as of October 17, 2014, and all compliance data was migrated to ICIS-Air.

The Air Facility System (AFS) contains compliance and permit data for stationary sources regulated by EPA, state and local air

pollution agencies. The environmental regulatory community uses this information to track the compliance status of point sources with various programs regulated under the Clean Air Act.

Compliance data in AFS are maintained at two levels: plant and point. Plant-level compliance data track the compliance and classification status of the plant, inspections, and other compliance actions taken against the plant. Similar data also can be tracked at the point level.

AFS also includes data for management of facility operating permits. Current capability consists of tracking the steps in the permit issuance process. State and local air agencies report to AFS when they issue a Federal operating permit (a permit issued in accordance with Title V of the Clean Air Act of 1990).

The Operating Permits Program provides a mechanism for gathering together in one document all of the federal, State and local requirements applicable to air pollution sources.

AFS became operational in April, 1990. AFS replaced the National Emissions Data System (NEDS), the Hazardous and Trace Emissions System (HATREMS), and the Emissions Inventory System (EIS) for emission point source data reporting. The Compliance Data System (CDS), previously used by EPA and the states for compliance and emission point source data reporting, and the Continuous Emissions Monitoring Subset (CEMS), used for the maintenance of point continuous emission monitoring data, were also replaced by AFS.

Fed, ICFEC

Fed, ICIS FE&C (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

The Integrated Data for Enforcement Analysis (IDEA) system incorporates Federal enforcement and compliance (FE&C) data from the Integrated Compliance Information System (ICIS), used to track federal enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act (CAA), the Clean Water Act (CWA), the Resource Conservation and Recovery Act (RCRA), the Emergency Planning and Community Right-to-Know Act (EPCRA) Section 313, the Toxic Substances Control Act (TSCA), the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund), the Safe Drinking Water Act (SDWA), and the Marine Protection, Research, and Sanctuaries Act (MPRSA). ICIS may contain duplicates of actions and penalties shown in the program databases (AFS, PCS, and RCRAInfo). Additionally, because ICIS-FE&C is the enforcement component of ICIS-NPDES, State cases are present for those States who have migrated their CWA NPDES data from PCS to ICIS-NPDES

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal EPA enforcement cases. Case information is supplied and updated by EPA's Offices of Regional Counsel and Office of Civil Enforcement case attorneys. The basic structure of an ICIS FE&C record focuses on an enforcement case. It is assigned a case number and a case name which identifies the defendant (or principal defendant if more than one is named in the complaint). For administrative actions, the record includes the nature of the violation, statute(s) involved, and milestone dates (e.g., the date the order was issued). Judicial actions contain information similar to that for administrative actions, but include more detailed milestone dates.

Fed, INPDE

Fed, ICIS NPDES (Agency Contact: 4/1/2020. Data Update: 4/8/2020.)

The Integrated Data for Enforcement Analysis (IDEA) system incorporates data from the Integrated Compliance Information System National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act (CWA). ICIS-NPDES is designed to support the NPDES program at the state, regional, and national levels. In November 1972, Congress passed a comprehensive recodification and revision of federal water pollution control law, known as the Federal Water Pollution Control Act (FWPCA) Amendments of 1972, marking a distinct change in the philosophy of water pollution control in the United States. The Amendments maintained the requirements for water quality-based controls, but added an equal emphasis on technology-based, or end-of-pipe, control strategies. The CWA recognized that the technology-based limits were not able to prevent the discharge of toxic substances in toxic amounts in all waterways. To complement its work on technology-based limits, the EPA initiated a national policy in February 1984 to control toxics based on a water quality approach. On February 4, 1987, Congress amended the CWA with the Water Quality Act (WQA) of 1987 which outlined a strategy to accomplish the goal of meeting water quality standards set by states. Title IV, Permits and Licenses, of the FWPCA Act created the system for permitting wastewater discharges (Section 402), known as the National Pollutant Discharge Elimination System (NPDES). Under NPDES, all facilities which discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit provides two levels of control: technology-based limits (based on the ability of dischargers in the same industrial category to treat wastewater) and water quality-based limits (if technology-based limits are not sufficient to provide protection of the water body).

Fed, NAMSE

Fed, NAMSEI (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

Native American Management System for Environmental Impacts (NAMSEI) was developed for The Office of the Deputy Under Secretary of Defense (Installations and Environment) to track and maintain information on potential impacts to Native American Lands. This data set provides information on reported environmental impacts on American Indian and Alaska Native lands and resources resulting from Department of Defense activities.

Fed, NMD

Fed, National Mines Database (Agency Contact: 4/1/2020. Data Update: 4/8/2020.)

The mission of the Mine Safety and Health Administration (MSHA) is to administer the provisions of the Federal Mine Safety and Health Act of 1977 (Mine Act) and to enforce compliance with mandatory safety and health standards as a means to eliminate fatal accidents; to reduce the frequency and severity of nonfatal accidents; to minimize health hazards; and to promote improved safety and health conditions in the Nation's mines. MSHA carries out the mandates of the Mine Act at all mining and mineral processing operations in the United States, regardless of size, number of employees, commodity mined, or method of extraction.

The Mine Act requires the Mine Safety and Health Administration (MSHA) to inspect surface mines at least twice a year and underground mines at least four times a year (seasonal or intermittent operations are inspected less frequently). MSHA performs other important mandatory activities under the Mine Act. These include: -Investigating mine accidents, complaints of retaliatory discrimination filed by miners, hazardous condition complaints, knowing or willful (criminal) violations committed by agents of mine operators, and petitions for modification of mandatory safety standards; Developing improved mandatory safety and health standards; Assessing and collecting civil monetary penalties for violations of mine safety and health standards; Expanding programs for the education and training of miners, operators and agents; Reviewing for approval mine operators' mining plans and education and training plans; and approving and certifying the design of certain mining products.

Fed, NPL

Fed, National Priority List (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

The National Priorities List primarily serves as an information and management tool. It is a part of the Superfund cleanup process. Section 105(a)(8)(B) of CERCLA (CERCLA Overview) as amended, requires that the statutory criteria provided by the Hazardous Ranking System be used to prepare a list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States. This list, which is Appendix B of the National Contingency Plan, is the NPL.

The identification of a site for the NPL is intended primarily to guide EPA in: Determining which sites warrant further investigation to assess the nature and extent of the human health and environmental risks associated with a site; Identifying what CERCLA-financed remedial actions may be appropriate; Notifying the public of sites EPA believes warrant further investigation; and Serving notice to potentially responsible parties that EPA may initiate CERCLA-financed remedial action.

Inclusion of a site on the NPL does not in itself reflect a judgment of the activities of its owner or operator, it does not require those persons to undertake any action, nor does it assign liability to any person. The NPL serves primarily informational purposes, identifying for the States and the public those sites or other releases that appear to warrant remedial actions.

Fed, NPLP

Fed, National Priority List Polygons (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 2/4/2020.)

Polygon boundaries for many of the sites listed in Fed, National Priority List.

Fed, NRCRS

Fed, NRC Reactors and Storage (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 4/7/2018.)

The U.S. Nuclear Regulatory Commission (NRC) was created as an independent agency by Congress in 1974 to ensure the safe use of radioactive materials for beneficial civilian purposes while protecting people and the environment. The NRC regulates commercial nuclear power plants and other uses of nuclear materials, such as in nuclear medicine, through licensing, inspection and enforcement of its requirements.

Fed, NUCML

Fed, NRC License Permits (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 6/1/2016.)

The U.S. Nuclear Regulatory Commission (NRC) was created as an independent agency by Congress in 1974 to ensure the safe use of radioactive materials for beneficial civilian purposes while protecting people and the environment. The NRC regulates commercial nuclear power plants and other uses of nuclear materials, such as in nuclear medicine, through licensing, inspection and enforcement of its requirements.

Power Reactors

Demographic data on U.S. commercial nuclear power reactors, including: plant name/unit number, docket number, location, licensee, reactor/containment type, nuclear steam system supplier/design, architect-engineer, constructor, important dates, capacities, and links to plant-specific pages

Power Reactors Formerly Licensed to Operate

Demographic data on U.S. commercial nuclear power reactors that were formerly licensed to operate, but are now permanently shutdown. The available data include plant name/unit number, location, reactor type, nuclear steam supply system vendor, capacity, important dates, decommissioning alternative selected, current status, and related notes.

Canceled U.S. Commercial Nuclear Power Reactors

Demographic data on U.S. commercial nuclear power reactors for which licensing activities have been canceled. The available data include plant name/unit number, utility, location, containment type, capacity, cancellation date, and current status.

Research & Test Reactors

Demographic data on U.S. research and test reactors, including: licensee, location, reactor type, power level, licensee/docket number, and license date

Research & Test Reactors under Decommissioning

Demographic data on U.S. research and test reactors that are currently under decommissioning. The available data include licensee, location, reactor type, decommissioning alternative selected, power level, license/shutdown dates, and current status.

Reactor Status

Daily power reactor status for the past year, for each of the operating commercial nuclear power reactors in the United States

Reactor Event Notification Report

A summary of event notification reports for the past month, as they relate to operating nuclear power reactors in the United States. This summary includes the event number, description, and date; site/licensee names and locations (City, State, County, NRC region); license/docket number; unit number; how/when the NRC was notified; and other details regarding the state of the plant at the time of the event.

Expected New Nuclear Power Plant Applications

A catalog of new nuclear power plant applications that the NRC expects to receive during each calendar year. This catalog shows the applicant's name, project or docket number, reactor design type, dates on which the NRC received and accepted the application, proposed number of units, name and State of the proposed site location, whether the site currently has an operating unit, and the current status of the application. The information for future applications is based solely on letters of intent submitted by prospective applicants.

NRC-Regulated Complex Materials Sites Undergoing Decommissioning

A status summary for decommissioning of NRC-regulated complex materials sites in the United States. Available information includes site name, location, and State; current compliance criteria; whether the decommissioning plan (DP) has been submitted to the NRC and, if so, the original submission date; whether the NRC has approved the DP; and the estimated closure date. This information is current as of September 30, 2010, and summarizes the related information presented in the Status of the Decommissioning Program 2010 Annual Report

Uranium Recovery Facility Application

Information about the status of uranium recovery facility applications, reviews, and letters of intent (including expected applications, as well as applications currently under review). The available information includes the company name, site, location, design type, date of application and/or letter of intent, and current status.

Fed, PCBA

Fed, PCB Notice of Activity (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 4/10/2017.)

The Toxic Substances Control Act (TSCA) became law on October 11, 1976. The Act authorized EPA to secure information on all new and existing chemical substances, as well as to control any of the substances that were determined to cause unreasonable risk to public health or the environment. The current PCB regulations were published pursuant to this act.

PCB handlers are required to Notify EPA of any PCB activity. The following types of operations are required to submit notification. PCB Activity database is a listing of those notifications.

Generator with onsite storage facility: User, owner, or processor of PCBs or PCB items and maintain a own storage facilities subject to 40 CFR 761.65(b) or (c)(7) for PCBsB.

Commercial Storer: A storage facility which is subject to the storage facility standards of 40 CFR 761.65(b) or (c)(7), and which engages in off-site storage activities involving the PCB wastes generated by others. Most commercial storers of PCB waste perform waste storage services in exchange for a fee or other compensation, but the receipt of compensation is not necessary for a storage facility to qualify as a commercial storer of PCB wastes generated by others. See definition of commercial storer in 40 CFR 761.3C.

Transporter: Move PCBs by air, rail, highway, or water

R&D/Treatability: Engaged in conducting R&D into PCB disposal technologies and cannot accept waste on a commercial scale

Approved Disposer: Hold a valid EPA permit to dispose of PCBs in concentrations exceeding 50 ppm in a landfill through alternative technology or incineration

Scrap Metal Recovery Oven/Smelter, High Efficiency Boilers: Operate a device to dispose of PCBs, or dispose of PCBs in compliance with Section 761.71 (i.e., high efficiency boilers) or Section 761.72 (i.e., scrap metal recovery oven/smelter)

Fed, PCBCD**Fed, PCB Waste Handlers Comm Displ Permits NLU**

Polychlorinated Biphenyls or PCBs belong to a broad family of man-made organic chemicals known as chlorinated hydrocarbons. PCBs were domestically manufactured from 1929 until their manufacture was banned in 1979. They have a range of toxicity and vary in consistency from thin, light-colored liquids to yellow or black waxy solids. Due to their non-flammability, chemical stability, high boiling point, and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications including electrical, heat transfer, and hydraulic equipment; as plasticizers in paints, plastics, and rubber products; in pigments, dyes, and carbonless copy paper; and many other industrial applications.

Commercial Disposal Permits are disposal companies that have received EPA approvals to store and dispose of PCB wastes

service@veracheck.com

P: 888.767.7383

Fed, PCBCS**Fed, PCB Waste Handlers Comm Storage Permits NLU**

Polychlorinated Biphenyls or PCBs belong to a broad family of man-made organic chemicals known as chlorinated hydrocarbons. PCBs were domestically manufactured from 1929 until their manufacture was banned in 1979. They have a range of toxicity and vary in consistency from thin, light-colored liquids to yellow or black waxy solids. Due to their non-flammability, chemical stability, high boiling point, and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications including electrical, heat transfer, and hydraulic equipment; as plasticizers in paints, plastics, and rubber products; in pigments, dyes, and carbonless copy paper; and many other industrial applications. Commercial Storage Permits are disposal companies that have received EPA approvals to store and dispose of PCB wastes.

Fed, PCBR

Fed, PCB Registrations (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 1/16/2016.)

Companies or people who have PCB transformers must register them with the EPA using form 7720-12. EPA is providing the updated Transformer Registration Database showing Most Recent Registrations. This database indicates the best known current status of registered PCB transformers.

Polychlorinated Biphenyls or PCBs belong to a broad family of man-made organic chemicals known as chlorinated hydrocarbons. PCBs were domestically manufactured from 1929 until their manufacture was banned in 1979. They have a range of toxicity and vary in consistency from thin, light-colored liquids to yellow or black waxy solids. Due to their non-flammability, chemical stability, high boiling point, and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications including electrical, heat transfer, and hydraulic equipment; as plasticizers in paints, plastics, and rubber products; in pigments, dyes, and carbonless copy paper; and many other industrial applications.

Fed, RCRA

Fed, RCRA Permits (Agency Contact: 4/1/2020. Data Update: 4/12/2020.)

The Resource Conservation and Recovery Act (RCRA), enacted in 1976, is the principal federal law in the United States governing the disposal of solid waste and hazardous waste.

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

HSWA - the Federal Hazardous and Solid Waste Amendments - are the 1984 amendments to RCRA that focused on waste minimization and phasing out land disposal of hazardous waste as well as corrective action for releases. Some of the other mandates of this law include increased enforcement authority for EPA, more stringent hazardous waste management standards, and a comprehensive underground storage tank program

Subtitle D - Solid Waste

Non-hazardous solid waste is regulated under Subtitle D of RCRA. Regulations established under Subtitle D ban open dumping of waste and set minimum federal criteria for the operation of municipal waste and industrial waste landfills, including design criteria, location restrictions, financial assurance, corrective action (cleanup), and closure requirement. States play a lead role in implementing these regulations and may set more stringent requirements. In absence of an approved state program, the federal requirements must be met by waste facilities.

Subtitle C - Hazardous Waste

Hazardous waste is regulated under Subtitle C of RCRA. EPA has developed a comprehensive program to ensure that hazardous waste is managed safely from the moment it is generated to its final disposal (cradle-to-grave). Under Subtitle C, EPA may authorize states to implement key provisions of hazardous waste requirements in lieu of the federal government. If a state program does not exist, EPA directly implements the hazardous waste requirements in that state. Subtitle C regulations set criteria for hazardous waste generators, transporters, and treatment, storage and disposal facilities. This includes permitting requirements, enforcement and corrective action or cleanup.

Fed, RIEC

Fed, RCRA Institutional/Engineering Controls (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

The Institutional and Engineering Controls Summary provides a listing of all RCRA hazardous waste permit sites with Institutional and/or Engineering Controls in place. Institutional Controls (IC) are defined as non-engineered and/or legal controls that minimize the potential human exposure to contamination by limiting land or resource use. Whereas, Engineering Controls (EC) consist of engineering measures (e.g, caps, treatment systems, etc.) designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants through environmental media,

Fed, RV

Fed, RCRA Violators (Agency Contact: 4/1/2020. Data Update: 4/12/2020.)

The effective implementation of the RCRA program depends on whether the people and companies regulated under RCRA

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comply with its various requirements. The goals of the RCRA enforcement program are to ensure that the regulatory and statutory provisions of RCRA are met, and to compel necessary action to correct violations. EPA and the states achieve these goals by closely monitoring hazardous waste handler (e.g., generator, transporter, and treatment, storage, and disposal facility (TSD)) activities, taking expeditious legal action when noncompliance is detected, and providing compliance incentives and assistance. Facility inspections by federal and state officials are the primary tool for monitoring compliance. When noncompliance is detected, legal action, in the form of an administrative order, a civil lawsuit, or a criminal lawsuit, may follow, depending on the nature and severity of the problem. EPA has also issued several policies to provide incentives for businesses to voluntarily evaluate their own compliance and disclose violations, and to assist small businesses in complying with the regulations. The combination of effective monitoring, expeditious legal action, and compliance incentives and assistance is intended to reduce the number of facilities operating in violation of RCRA requirements and to deter potential violations.

Fed, SEMS

Fed, SEMS CERCLA (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

The CERCLIS Public Access Database, which contained a selected set of publicly releasable Superfund program data, has been retired. The EPA is transitioning to the Superfund Enterprise Management System, or SEMS. SEMS includes the same data fields and content as CERCLIS.

The Comprehensive Environmental Response, Compensation, and Liability Act -- otherwise known as CERCLA or Superfund -- provides a Federal "Superfund" to clean up uncontrolled or abandoned hazardous-waste sites as well as accidents, spills, and other emergency releases of pollutants and contaminants into the environment. Through CERCLA, EPA was given power to seek out those parties responsible for any release and assure their cooperation in the cleanup.

On June 13, 1979, President Carter proposed legislation to Congress which would establish a multi-million dollar fund to help clean up hazardous waste dump sites which threaten public health or the environment. The Administration also requested FY 1980 supplemental appropriations for the Environmental Protection Agency and Department of Justice to investigate and enforce hazardous waste problems.

This supplemental request included \$45 million and 70 positions for EPA, and \$1.2 million and 30 positions for Justice. Of the \$45 million, \$22 would be used for investigating hazardous waste sites and \$23 would be used to prevent or contain contamination from waste sites pending Congressional passage of the proposed cleanup fund. The Justice Department appropriation and positions would be used to help conduct investigations and to initiate court actions against illegal dumping or spilling of wastes.

This law created a tax on the chemical and petroleum industries and provided broad Federal authority to respond directly to releases or threatened releases of hazardous substances that may endanger public health or the environment. Over five years, \$1.6 billion was collected and the tax went to a trust fund for cleaning up abandoned or uncontrolled hazardous waste sites

EPA cleans up orphan sites when potentially responsible parties cannot be identified or located, or when they fail to act. Through various enforcement tools, EPA obtains private party cleanup through orders, consent decrees, and other small party settlements. EPA also recovers costs from financially viable individuals and companies once a response action has been completed.

EPA is authorized to implement the Act in all 50 states and U.S. territories. Superfund site identification, monitoring, and response activities in states are coordinated through the state environmental protection or waste management agencies.

The law authorizes two kinds of response actions:

Short-term removals, where actions may be taken to address releases or threatened releases requiring prompt response.

Long-term remedial response actions, that permanently and significantly reduce the dangers associated with releases or threats of releases of hazardous substances that are serious, but not immediately life threatening. These actions can be conducted only at sites listed on EPA's National Priorities List (NPL).

The Superfund Amendments and Reauthorization Act (SARA) of 1986 reauthorized CERCLA to continue cleanup activities around the country. Several site-specific amendments, definitions clarifications, and technical requirements were added to the legislation, including additional enforcement authorities. Also, Title III of SARA authorized the Emergency Planning and Community Right-to-Know Act (EPCRA).

Fed, TCI

Fed, TSCA CDR-IUR (Agency Contact: 4/1/2020. Data Update: 4/8/2020.)

The purpose of Chemical Data Reporting (CDR), formerly known as Inventory Update Reporting (IUR), is to collect quality screening-level, exposure-related information on chemical substances and to make that information available for use by EPA and,

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to the extent possible, to the public. The IUR/CDR data are used to support risk screening, assessment, priority setting and management activities and constitute the most comprehensive source of basic screening-level, exposure-related information on chemicals available to EPA.

In 1977, the EPA promulgated a rule under the Toxic Substances Control Act (TSCA) section 8(a), 15 U.S.C. 2607(a), to compile and keep current an inventory of chemical substances in commerce in the U.S. This inventory is called the TSCA Chemical Substance Inventory (TSCA Inventory).

The 1986 regulation required chemical manufacturers (including importers) to report to EPA every 4 years the identity of and basic manufacturing information for organic chemical substances manufactured (including imported) in quantities of 10,000 pounds or greater annually at each plant site they own or control.

In 2003 and again in 2005, EPA amended the IUR, expanding the range of chemicals and plant sites reporting, expanding the type of data reported, raising the production volume threshold that triggers reporting, and making certain further adjustments. Beginning with the 2006 IUR requirements, every five years beginning in 2006, manufacturers and importers producing 25,000 pounds or more of a reportable chemical substance reported the identity of the chemical substance and basic manufacturing information. Additionally, manufacturers and importers producing 300,000 pounds or more had to report basic domestic processing and use information.

On August 2, 2011, EPA issued a final Chemical Data Reporting (CDR) Rule which was proposed as the Inventory Update Reporting (IUR) Modifications Rule. The final CDR rule returns the frequency of reporting to once every four years and also began requiring electronic submission of CDR data over the internet using the e-CDRweb reporting tool; Modified reporting thresholds; Updated definitions; Revised industrial classifications; Modified situations in which confidentiality may be claimed.

Fed, TPP

Fed, TSCA PPIS (Agency Contact: 4/1/2020. Data Update: 4/8/2020.)

EPA and the states (usually that state's agriculture office) register or license pesticides for use in the United States. EPA receives its authority to register pesticides under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). States are authorized to regulate pesticides under FIFRA and under state pesticide laws. States may place more restrictive requirements on pesticides than EPA. Pesticides must be registered both by EPA and the state before distribution. EPA also regulates pesticides imported for use in the U.S. and participates in a wide variety of international activities, such as regulatory agreements and coordination activities.

The Pesticide Product Information System (PPIS) contains information concerning all pesticide products registered in the United States. It includes registrant name and address, chemical ingredients, toxicity category, product names, distributor brand names, site/pest uses, pesticidal type, formulation code, and registration status.

Fed, TRI

Fed, Toxic Release Inventory (Agency Contact: 4/1/2020. Data Update: 4/8/2020.)

TRI tracks the management of certain toxic chemicals that may pose a threat to human health and the environment. U.S. facilities in different industry sectors must report annually how much of each chemical is released to the environment and/or managed through recycling, energy recovery and treatment. (A "release" of a chemical means that it is emitted to the air or water, or placed in some type of land disposal.)

The information submitted by facilities is compiled in the Toxics Release Inventory. TRI helps support informed decision-making by industry, government, non-governmental organizations and the public.

The TRI Program was created in response to several events that raised public concern about local preparedness for chemical emergencies and the availability of information on hazardous substances.

In 1986, Congress passed the Emergency Planning and Community Right-to-Know Act (EPCRA) to support and promote emergency planning and to provide the public with information about releases of toxic chemicals in their community. Section 313 of EPCRA established the Toxics Release Inventory.

Fed, UMTRA

Fed, Uranium Mill Tailing Remedial Action (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 3/21/2020.)

EPA has compiled mine location information from federal, state, and Tribal agencies into a single database as part of its investigation into the potential environmental hazards of wastes from abandoned uranium mines in the western United States.

IC, AFS

Fed, Indian Country AFS (Agency Contact: 4/1/2020. Data Update: 4/8/2020.)

The US EPA regulates Air Facility System permits and compliance within Indian Country.

Indian Country is defined as All land within the limits of any Indian reservation under the jurisdiction of the United States government, notwithstanding the issuance of any patent, and including rights-of-way running through the reservation; All dependent Indian communities within the borders of the United States whether within the original or subsequently acquired territory thereof, and whether within or without the limits of a State; and All Indian allotments, the Indian titles to which have not

been extinguished, including rights-of-way running through the same. The Air Facility System (AFS) contains compliance and permit data for stationary sources regulated by EPA, state and local air pollution agencies. The environmental regulatory community uses this information to track the compliance status of point sources with various programs regulated under the Clean Air Act.

Compliance data in AFS are maintained at two levels: plant and point. Plant-level compliance data track the compliance and classification status of the plant, inspections, and other compliance actions taken against the plant. Similar data also can be tracked at the point level.

AFS also includes data for management of facility operating permits. Current capability consists of tracking the steps in the permit issuance process. State and local air agencies report to AFS when they issue a Federal operating permit (a permit issued in accordance with Title V of the Clean Air Act of 1990).

The Operating Permits Program provides a mechanism for gathering together in one document all of the federal, State and local requirements applicable to air pollution sources.

AFS became operational in April, 1990. AFS replaced the National Emissions Data System (NEDS), the Hazardous and Trace Emissions System (HATREMS), and the Emissions Inventory System (EIS) for emission point source data reporting. The Compliance Data System (CDS), previously used by EPA and the states for compliance and emission point source data reporting, and the Continuous Emissions Monitoring Subset (CEMS), used for the maintenance of point continuous emission monitoring data, were also replaced by AFS.

IC, FE&C

Fed, Indian Country FE&C (Agency Contact: 4/1/2020. Data Update: 4/7/2020.)

The Integrated Compliance Information System (ICIS) tracks all formal administrative and judicial enforcement actions taken by the U.S. EPA and is used as the system of record to provide official enforcement data. Additionally, state formal CWA administrative and judicial enforcement actions for those States using ICIS-NPDES are also tracked by ICIS FE&C.

EPA tracks formal administrative and judicial enforcement actions taken by the US EPA in all Indian Country, and works closely with Tribal water quality programs to educate the regulated community about these requirements.

IC, LUST

Fed, Indian Country LUST (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 9/12/2019.)

Indian Country (as Defined in 40 CFR 71.2) is:

All land within the limits of any Indian reservation under the jurisdiction of the United States government, notwithstanding the issuance of any patent, and including rights-of-way running through the reservation;

All dependent Indian communities within the borders of the United States whether within the original or subsequently acquired territory thereof, and whether within or without the limits of a State; and

All Indian allotments, the Indian titles to which have not been extinguished, including rights-of-way running through the same.

This definition parallels the definition of Indian country contained in 18 U.S.C. section 1151 and has been applied extensively by the federal courts.

EPA's Office of Underground Storage Tanks, in partnership with EPA's regional offices, implements the underground storage tanks (UST) program in Indian country. We provide technical and financial support to tribal governments to prevent and cleanup petroleum releases from USTs.

IC, NPDES

Fed, Indian Country NPDES (Agency Contact: 4/1/2020. Data Update: 4/8/2020.)

To prevent pollutants in storm runoff from entering surface waters, the federal Clean Water Act requires that stormwater discharges from construction, industrial and municipal sources obtain NPDES permit coverage.

EPA issues NPDES permits in all Indian Country, and works closely with Tribal water quality programs to educate the regulated community about these requirements.

IC, UST

Fed, Indian Country UST (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 9/12/2019.)

The purpose of the Regional Tribal Operations Committee is to advance the protection and improve the conditions of tribal health and the environment in Indian country. The vision of the Underground Storage Tank Branch (USTB) is: To provide and continuously improve leadership and support to the states, municipalities, Indian Tribes, tank owners, and citizen for the protection of human health and the environment. This will be accomplished through identification, management, and oversight of underground storage tank (UST) facility life cycles including installation, operation, closure, and remediation. EPA is the enforcement authority for UST compliance in Indian Country. Compliance assistance to Indian Country facilities has always been a high priority for the tank program.

SC, BF

SC, Brownfields (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 9/20/2019.)

The Brownfields component of the Voluntary Cleanup Program allows a non-responsible party to acquire a contaminated property with State Superfund liability protection for existing contamination by agreeing to perform an environmental assessment and/or remediation. The amount of environmental work is site specific and dependent on the intended future use of the site. Our goal is to facilitate redevelopment of a property that hopefully will create new jobs and boost our economy, while protecting

human health and the environment.

Once staff and a non-responsible party have agreed upon an approved scope of work for a site investigation and/or remediation, the party enters into a voluntary cleanup contract. Staff oversees the cleanup efforts to ensure that activities are performed to our satisfaction. Upon completion of the negotiated work in the voluntary cleanup contract, the non-responsible party receives State Superfund liability protection.

SC, DCCDL

SC, Dry Cleaners City Directory Listings (Agency Contact: Varied-Historical. Data Update: 9/1/2019.)
Listings of dry cleaners derived from city directory research. This research is primarily intended to identify current and historical (through 1994) dry cleaner locations however; some listings might not be related to retail dry cleaning facilities.

SC, DFRTF

SC, Drycleaning Facility Restoration Trust Fund (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 9/20/2019.)
The South Carolina General Assembly created the South Carolina Drycleaning Facility Restoration Trust Fund (the Fund) in 1995 to address environmental contamination resulting from drycleaning activities in South Carolina. The Fund was created at the urging of the drycleaning industry to protect drycleaners from financial liability caused by environmental problems at their facilities. The Act provides that monies from the general fund shall not be used and that all funding sources must come from the drycleaning industry itself. The South Carolina Department of Revenue (DOR) is responsible for drycleaner registration and collection of monies into the Fund. The Department of Health and Environmental Control (SCDHEC) is responsible for administering the Fund.

SC, GSCDL

SC, Gas Stations City Directory Listings (Agency Contact: Varied-Historical. Data Update: 9/1/2019.)
Listing of gas stations derived from city directory research. This research is primarily intended to identify current and historical (through 1994) gas station locations however; some listings might not be related to retail fuel facilities.

SC, LUST

SC, Leaking Underground Storage Tanks (Agency Contact: 4/1/2020. Data Update: 4/9/2020.)
South Carolina DHEC Underground Storage Tank Management, Release Assessment and Corrective Action sections provide technical oversight on all releases that occur from underground storage tanks (USTs). The goal of the Corrective Action Section is the rehabilitation of releases at sites contaminated with petroleum or petroleum products released from an underground storage tanks.

SC, RCR

SC, Registry of Conditional Remedies (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 9/20/2019.)
The Registry of Conditional Remedies (RCR) is managed by the Land and Waste Management division of the South Carolina Department of Health and Environment, Division of Site Assessment, Remediation, and Revitalization (SARR.) SARR continued its efforts to accomplish this mission by working on over 254 sites, including approximately 250 uncontrolled waste sites that were supported by the Hazardous Waste Contingency Fund (HWCF). These uncontrolled sites are often referred to as "Superfund" sites. The hazardous substances present at many of these sites present a risk not only to human health and the environment, but they may also be harmful to the economy of the surrounding communities. SARR works hard to effectively and efficiently address the challenges posed by these sites.
The RCR assists with tracking those properties for which a conditional remedy has been selected. The information in this Registry summarizes certain information regarding these properties and is, therefore, an incomplete analysis of the conditions on these properties.

SC, SP

SC, Spills (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 8/21/2018.)
The South Carolina DHEC Emergency Response Section responds to oil and hazardous materials spills and releases such as illegal dumping, spills and releases of hazardous substances, including but not limited to oil and petroleum products, chemicals, hazardous waste, waste oil, pesticides, and other pollutants.

SC, SURS

SC, Spills from Unregulated Sources (Agency Contact: 4/1/2020. Data Update: No update provided by agency. Report is based on data from 8/21/2018.)
The South Carolina DHEC Emergency Response Section responds to oil and hazardous materials spills and releases such as illegal dumping, spills and releases of hazardous substances, including but not limited to oil and petroleum products, chemicals, hazardous waste, waste oil, pesticides, and other pollutants. The source of the spills in this database are unregulated such as heating oil tanks or tanker trucks.

SC, SW

SC, Solid Waste (Agency Contact: 4/1/2020. Data Update: 4/24/2020.)
The DHEC Solid Waste Division is responsible for implementation of the "South Carolina Solid Waste Policy and Management Act of 1991". The goal of the program is to protect the public health and safety, protect and preserve the environment of this State, and recover resources which have the potential for further usefulness by providing for, in the most environmentally safe, economically feasible and cost-effective manner, the storage, collection, transport, separation, treatment, processing, recycling,

and disposal of solid waste.

[SC, UST](#)

SC, Underground Storage Tanks (Agency Contact: 4/1/2020. Data Update: 4/9/2020.)

South Carolina DHEC Underground Storage Tank Management Division is responsible for permitting new installations of Underground Tanks, under SC R. 61-92, Part 280. All permitted UST's are required to register annually and pay the fee for regulated underground storage tank (UST) systems. The UST Division's goal is to prevent releases due to structural failure, corrosion, or spills and overfills for as long as the UST systems is used to store regulated substances.

Appendix B: Correspondence and Questionnaire

Property Owner Survey

Property Address(es) 471 University Parkway, Aiken, SC 29801

Parcel Identification Numbers 087-15-01-003

Person Completing Survey Brian Enter

Signature  Date Survey Completed 6-23-2020

Phone Number 803-641-3254

E-Mail Address brianen@usca.edu

- 1) What date did you purchase/acquire the site parcel(s)?
10-20-1970.
- 2) Who did you purchase/acquire the site parcel(s) from?
Graniteville Company, a South Carolina Corporation
- 3) Can you provide contact information for the previous site owner to interview regarding the historical uses of the site? If yes, please provide name, phone number, e-mail address if available.
Graniteville Company no longer exists as a corporation.
- 4) Did you have a Phase I ESA and/or Phase II ESA and/or any other environmental or engineering report performed or was a previously prepared environmental and/or engineering report provided to you to rely on as part of the purchase of the property? If so, can you provide a copy of the report(s) for our review?
No ESA was performed on this parcel
- 5) Was the site developed or undeveloped when you purchased/acquired the property?
Site has never been developed.
- 6) When the site parcel was first developed?
N/A
- 7) Was the site parcel(s) formerly associated with other parcels not associated with this assessment? If so, when was the site parcel(s) subdivided from the other parcels?
N/A. The proposed tract of land to be developed is part of larger parcel (087-015-01-008)
- 8) What is the current use of the site parcel(s)?
Un-developed, naturally wooded.
- 9) What were the former uses of the site parcel(s)?
N/A
- 10) Who were former tenants of the site parcels, if any?
N/A
- 11) Can you provide an alternate contact to interview regarding their knowledge of the current and former uses of the site?
Unknown

Property Owner Survey (continued)

- 12) Can you briefly describe the site? i.e., what is the approximate acreage? How many structures are on the site? What is the approximate square footage of each site structure? When were each of the site Structures built? **Tract is un-developed, naturally wooded area, approximately 4.5 acres. There are no structures on the tract.**
- 13) During your ownership of the site parcel(s), were there buildings on the parcel(s) that are no longer present on the parcel(s)? If so, please describe the type of building (i.e., commercial, residential) and How the buildings were heated. **There have been no buildings on this tract of land.**
- 14) Which of the following utilities are available to the site? (Circle all that apply and provide name of utility provider)
- **Natural Gas** (connected / not connected)- If connected, who is service provider? _____
 - **Electricity** (connected / not connected)- If connected, who is service provider? _____
 - **Municipal Water** (connected / not connected)- If connected, who is service provider? _____
 - **Municipal Sewer** (connected / not connected)- If connected, who is service provider? _____
 - **Telecommunications** (connected / not connected)- If connected, who is service provider? _____
- 15) Does the site currently or did it previously contain/utilize an emergency generator?
This site has never contained an emergency generator
- 16) Does the site currently or did it previously contain/utilize an elevator?
This site has never contained an elevator
- 17) Does the site currently or did it previously contain/utilize underground hydraulic lifts?
This site has never contained underground hydraulic lifts
- 18) Does the site currently or did it previously contain/utilize floor drains? If yes, where do/did the floor drains discharge? **This site has never contained floor drains**
- 19) Does the site currently or did it previously contain/utilize a petroleum/hazardous material/waste storage tank storage tank? If yes, please identify the type (aboveground or underground), content, approximate size, use of tank (e.g., heat site building, fuel vehicles, waste oils/automotive fluids, other). If storage tanks are on site, do you have leak detection testing records for the last year?
This site has never contained storage tanks
- 20) Does the site currently or did it previously contain/utilize a septic tank system?
This site has never contained a septic tank system
- 21) Does the site currently or did it previously store or generate hazardous materials/wastes? If yes, can you provide copies of all MSDS sheets associated with the site? What company(ies) managed waste streams? **This site has never generated hazardous materials/waste.**

Property Owner Survey (continued)

- 22) Does the site currently or did it previously contain/utilize groundwater wells used for any purpose, including groundwater monitoring wells? If monitoring wells are/were present, when were the monitoring wells installed, what was the purpose of the monitoring wells, and what were the analytical results of the groundwater assessment?
There have never been groundwater wells (or monitoring wells) installed on this site
- 23) Does the site currently or did it previously contain surface waters including ponds, streams or wetlands? **NO.**
- 24) Does the site currently or did it previously contain/utilize any pits, sumps or lagoons?
NO.
- 25) Does the site currently or did it previously contain any buried non-hazardous (e.g. domestic trash, building materials, building foundations, etc.) or hazardous materials?
NO.
- 26) Does the site currently or did it previously contain underground natural gas or petroleum pipelines? **The site currently contains natural gas piping provided by SCE&G.**
- 27) Are there any current or have there been historic permits associated with the site including, but not limited to storm water, sedimentation and erosion control, wetland, groundwater wells, CAMA, NPDES, air quality, underground storage tanks, hazardous materials/wastes, or landfills, etc.?
NO.
- 28) Are there any current or have there been historic violations of any Federal, State, and local environmental laws/permits at the site? **NO**
- 29) Are you aware of Phase I ESAs or other environmental assessments been conducted on the site parcel(s) by others? If yes, were you provided with results of these assessments?
NO.
- 30) Are you aware of any environmental conditions (contaminated soil, sediment, groundwater, surface water, asbestos containing building materials, lead-based paint, wetlands), currently or formerly associated with the site parcel(s)? **NO.**
- 31) Are there any environmental liens or land/activity use restrictions associated with the property?
NO.
- 32) Are you aware of electrical equipment on the site that may contain polychlorinated biphenyls (PCBs)? **No.**

Property Owner Survey (continued)

- 33) Are you aware of environmental issues associated with any adjoining property to the subject site (e.g., current/former gasoline stations, dry cleaners, industrial facilities, spills, etc.)?

NO.

- 34) Are you aware if fill dirt has been placed on the site? If yes, what is the source of the fill dirt?

No.

- 35) Are you aware of 1) environmental concerns associated with the site 2) any pending, past, or threatened administrative litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site 3) any government notices regarding any possible violation of environmental laws or possible liability related to substances or petroleum products.

No.

Appendix C: Site Inspection Pictures

This is the dirt road that runs North and South between the Softball Field and Tennis Courts facing north.



This is the stand of pine trees north of the tennis courts, east of the proposed project site.



This is to the west of the dirt road. The maintenance storage facility would be removed from this property prior to the construction of the proposed project.



These pictures are different angled views of the maintenance storage shed.



These are pictures of the small scoreboard to the northwest corner of the proposed project close to the intersection of College Station Drive and Trolley Line Road.



These pictures are of the field from the small scoreboard at the northwest corner to the large scoreboard on the outfield fence of the softball field.



These are pictures going north on College Station Drive facing east, then northwest approaching the Circle K gas station.



The red roof is the Circle K gas station, the picture was taken south of the intersection of College Station Drive and Trolley Line Road.



These pictures are of plants around the maintenance storage facility that are non-protected species.



Appendix D: Environmental Professional Qualifications

Cynthia Ann Gose
cynthia.a.gose@usace.army.mil
(912) - 652-6017

United States Army Corps of Engineers, Savannah District 100 W. Oglethorpe Ave, Savannah, GA
PM- Planning Branch - Environmental for Ms. Kim Garvey at (912) 652-5968

Environmental Engineer - 40+ hrs./wk. from 4/2015 to present

- Provide National Environmental Policy Act (NEPA) support including Environmental Assessments (EA) for various proposed projects
- Provide Scopes of Work, Independent Government Cost Estimates, and Technical Analysis to Contracting for SHEP contractors
- Served as Sustainability Program Manager for the District (2012-20)
- Program Manager for SAS Section 408 Program

Safety and Occupational Health Office for Mr. Michael Rusden at (912) 652-5197 for 2 yr. assignment Industrial Hygienist - 40 hrs/wk from 1/2013 to 3/2015

- Developed filing systems for SOH Programs for Civil Works and Military Facilities
- Maintain IH Equipment inventory and calibration
- Conduct monitoring for indoor air quality and noise exposure
- Review and revise District Regulations and SOPs pertaining to IH and Safety Programs

Planning Division\Military Environmental for Mr. Bill Bailey at (912) 652-5781

Environmental Engineer - 40+ hrs/wk from 5/2002 to 1/2013

- Provided NEPA support including EAs, FONSI, RECs, and ECP/EBS for various proposed projects at military installations
- Served as Team Leader for Military Environmental Branch (2009-13)
- Project Manager for BRAC Program - coordinate consultants, military installations, Armed Forces Reserve Centers, BECs, and Federal and State agencies; provide in-house technical reviews; set and adhere to schedules within budget. All BRAC projects completed (2004-09)
- Provided Scopes of Work, IGEs, and Technical Analysis for Contracting
- Served as Intern Coordinator for Civil Engineers assigned rotating through Planning
- Served on various Source Selection Evaluation Boards, including hydropower renovations
- Served as Environmental Specialist for DLA performing inspections and preparing ECP Reports
- Assisted Regulatory Division with field investigations of restoration projects, environmental documentation, and case documents which include all agencies comments

Education and Training:

MANHATTAN COLLEGE - Bronx, New York, Bachelors of Engineering (Chemical Engineering)

UNIVERSITY OF CALIFORNIA, SAN DIEGO - San Diego, CA – Haz Mat Management Classes

SAN DIEGO STATE UNIVERSITY, Graduate School of Public Health - San Diego, California
Master of Science: Industrial Hygiene: Course work completed

NORTH CAROLINA STATE BOARD OF REGISTRATION: Engineer in Training

USACE: Prospect Courses: Conflict Management; A-AE Contracting, Planning I, II, and III

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

**ATTACHMENT J-4:
REQUIREMENT SOURCES AND IMPLEMENTING DOCUMENTS (LIST A)
AND LIST OF APPLICABLE DOE DIRECTIVES (LIST B)**

The Contractor shall comply with the Contractor Requirements Documents of DOE Directives identified under List Of Applicable DOE Directives (List B). DOE directives may be found at <http://www.directives.doe.gov/>.

List A	
Document Number	Title
10 CFR 434	<i>Energy Code for New Federal Commercial and Multi-Family High-Rise Residential Buildings</i>
10 CFR 851	Department of Energy Worker Safety and Health Program
29 CFR 1910	<i>Occupational Safety and Health Standards</i>
29 CFR 1926	<i>Safety and Health Regulations for Construction</i>
49 CFR 171-177	<i>Hazardous Materials Regulations</i>
28 CFR Part 36	<i>Standard for Accessible Design</i>
40 CFR 260-265	<i>Hazardous Waste Management System</i>
AASHTO GDHS-5	<i>A Policy On Geometric Design Of Highways and Streets</i>
ANSI/SMACNA 006-2006	HVAC Duct Construction Standards-Metal and Flexible
ASHRAE	Handbook—Fundamentals
ASHRAE 15	<i>Safety Standards for Refrigerant Systems</i>
ASHRAE 52.2	<i>Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size</i>
ASHRAE 62.1	<i>Ventilation for Acceptable Indoor Air Quality</i>
ASHRAE 90.1	<i>Energy Standard for Buildings</i>
ASHRAE 110	<i>Method of Testing Performance of Laboratory Fume Hoods</i>
ASME B31.1	<i>Power Piping</i>
ASME B31.3	<i>Process Piping</i>
ASME B31.5	<i>Refrigeration Piping and Heat Transfer Components</i>

List A	
Document Number	Title
ASME BPVC	<i>Boiler and Pressure Vessel Code</i>
ASME B31.8	<i>Gas Transmission and Distribution Piping Systems</i>
AWS Z49.1	<i>Safety in Welding, Cutting and Allied Processes</i>
Factory Mutual Global's Property Loss Prevention Data Sheets	
IBC	<i>International Building Code 2018</i>
IFC-18	<i>International Fire Code</i>
ICEA S-80-576	<i>Standard for Category 1 & 2 Individually Unshielded Twisted Pair Indoor Cables</i>
IEEE C95 Series	<i>Safety with Hazardous Electromagnetic Fields</i>
IEEE 241	<i>Recommended Practice for Electric Power Systems in Commercial Buildings - IEEE Gray Book (Color Book Series)</i>
IGCC	<i>International Green Construction Code</i>
IMC-2018	<i>International Mechanical Code</i>
IPC-2018	<i>International Plumbing Code</i>
ISA 5.1	<i>Instrumentation Symbols and Identification</i>
ISO 14119	<i>Safety of Machinery - Interlocking Devices Associated With Guards - Principles for Design and Selection</i>
ISO 14119 Amendment 1	<i>Safety of Machinery – Interlocking Devices Associated with Guards – Principles for Design and Selection – Amendment 1: Design to Minimize Defeat Possibilities</i>
ISO/TR 18569	<i>Safety of Machinery - Guidelines for the Understanding and Use of Safety of Machinery Standards</i>
ISO 17025	<i>General Requirements for the Competence of Testing and Calibration Laboratories</i>

List A	
Document Number	Title
NFPA 1	<i>Fire Code</i>
NFPA 10	<i>Standard for Portable Fire Extinguishers</i>
NFPA 13	<i>Standard for the Installation of Sprinkler Systems</i>
NFPA 24	<i>Standard for the Installation of Private Fire Service Mains in their Appurtenances</i>
NFPA 37	<i>Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines</i>
NFPA 45	<i>Standard on Fire Protection for Laboratories using Chemicals</i>
NFPA 54	<i>National Fuel Gas Code</i>
NFPA 55	<i>Compressed Gases and Cryogenic Fluids Code</i>
NFPA 70	<i>National Electric Code (NEC)</i>
NFPA 70E	<i>Standard for Electrical Safety in the Workplace</i>
NFPA 72	<i>National Fire Alarm and Signaling Code</i>
NFPA 75	<i>Standard for the Fire Protection of Information Technology Equipment</i>
NFPA 80A	<i>Recommended Practice for Protection of Buildings from Exterior Fire Exposures</i>
NFPA 90A	<i>Standard for the Installation of Air-Conditioning and Ventilation Systems</i>
NFPA 91	<i>Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Noncombustible Particulate Solids</i>
NFPA 101	<i>Life Safety Code</i>
NFPA 110	<i>Standard for Emergency and Standby Power Systems</i>

List A	
Document Number	Title
NFPA 111	<i>Standard on Stored Electrical Energy Emergency and Standby Power Systems</i>
NFPA 484	<i>Standard for Combustible Metals</i>
NFPA 780	<i>Standard for the Installation of Lightning Protection Systems</i>
2018 Code Modifications	<i>South Carolina State Register, Volume 44, Issue No. 6, Publish 6/26/2020</i>
RIA R15 Series	<i>Robotics Safety Series</i>
South Carolina OSE Manual	<i>Office of State Engineer, Manual for Planning and Execution of State Permanent Improvements, Part II 2020 edition</i>
South Carolina Adapted Codes	<i>Office of State Fire Marshall, List of Currently Adapted Editions of Codes and Standards, Effective 01/01/2020</i>
TIA/EIA 568	<i>Commercial Building Telecommunications Cabling Standard</i>
United States Access Board's	<i>ADA Accessibility Guidelines</i>

List B	
Document Number	Title
DOE O 130.1	Budget Formulation
DOE P 141.1	Department of Energy Management of Cultural Resources
DOE O 142.3A Chg. 1	Unclassified Foreign Visits and Assignments Program (as applicable)
DOE O 200.1A Chg. 1	Information Technology Management (as applicable)
DOE O 206.1	Department of Energy Privacy Program
DOE O 221.1B	Reporting Fraud, Waste, and Abuse to the Office of the Inspector General
DOE O 221.2A	Cooperation with the Office of Inspector General
DOE O 231.1B Chg. 1	Environment, Safety, and Health Reporting
DOE O 232.2A	Occurrence Reporting and Processing of Operations Information
DOE O 243.1B Chg. 1	Records Management Program
DOE O 311.1B	Equal Employment Opportunity and Diversity Program
DOE O 350.1 Chg. 5	Contractor Human Resource Management Programs
DOE O 413.3B Chg. 5	Program and Project Management for the Acquisition of Capital Assets (as applicable)
DOE G 413.3-7A Chg. 1	Risk Management Guide (as applicable)
DOE O 414.1D Chg. 2	Quality Assurance
DOE O 420.1C Chg. 3	Facility Safety
DOE O 436.1	Departmental Sustainability (as applicable)
DOE O 442.1A	Department of Energy Employee Concerns Program (as applicable)

DOE O 442.2 Chg. 1	Differing Professional Opinions for Technical Issues Involving Environment, Safety and Health (as applicable)
DOE O 456.1	The Safe Handling of Unbound Engineered Nanoparticles (as applicable)
DOE O 471.3 Chg. 1	Identifying and Protecting Official Use Only Information
DOE M 471.3 Chg. 1	Manual for Identifying and Protecting Official Use Only Information
DOE-STD-2016	Natural Phenomena Hazard Analysis and Design Criteria for Department of Energy Facilities
DOE-STD-1044-93 Chg. 1	Guide to Good Practices for Equipment and Piping Labeling
DOE-STD-1066-2016	Fire Protection
DOE-STD-1073-2016	Configuration Management (as applicable)

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

ATTACHMENT J-5 – GENERAL CONDITIONS

TABLE OF CONTENTS

GENERAL CONDITIONS	2
GC-1. SAFETY	2
GC-2. COMPLETION OF THE WORK	2
GC-3. MATERIALS	2
GC-4. ILLUMINATION AND SIGNAGE	3
GC-5. WORK SITE	3
GC-6. HAZARDOUS MATERIALS	4
GC-7. DOE INFORMATION	4

GENERAL CONDITIONS

GC-1. SAFETY

- 1.1 The Contractor acknowledges that safety is of prime importance to DOE, and the Contractor shall cooperate with DOE in efforts to prevent injuries to personnel and to comply with all applicable safety rules and regulations.

GC-2. COMPLETION OF THE WORK

- 2.1 When the Contractor deems the work completed, the Contractor shall give written notice thereof to DOE. Within fifteen (15) work days after receipt of such notice, DOE will determine if the work has been completed as required and advise the Contractor in writing either: (i) that the work has been completed; or (ii) that the work has not been completed, stating reasons there for. In the event the DOE advises the Contractor that the work is not complete, the Contractor will promptly complete the work and give written notice to DOE when it has done so. The procedure stated herein shall be repeated until the work has been satisfactorily completed and the Certificate of Completion has been submitted by the Contractor and accepted in writing by DOE. The work will be deemed complete as of the date of DOE's notice to the Contractor to that effect. The procedure set forth in this GC-2 shall in no way limit DOE's rights or the Contractor's obligations under FAR 52.246-21 *Warranty of Construction* and GC-3 "Materials". No delivery of any product shall be considered made or complete until such product is completely delivered to DOE's physical possession and control in its entirety, including, but not limited to, replacement of any defective parts.
- 2.2 DOE shall issue a notice of provisional acceptance for individual portions that have been satisfactorily inspected subject only to DOE's final acceptance of the work as a whole.
- 2.3 DOE's written notice of final acceptance of the work under this contract shall be final and conclusive except with regard to latent defects, fraud, or such gross mistakes as amount to fraud, or with regard to DOE's rights under FAR 52.246-21 *Warranty of Construction* and the General Condition entitled "Materials".

GC-3. MATERIALS

- 3.1 All of the equipment, material, supplies and other items to be furnished by the Contractor and incorporated into the project scope shall be new, unused, of first rate quality, suitable for use in the work and in strict conformity with the Contract Documents.
- 3.2 Unless specified otherwise in the contract, the following shall apply:
 - (1) The Contractor shall at all times and in a manner reasonably satisfactory to DOE, cover and protect from damage, loss, theft or destruction all equipment, materials, supplies and other items which are to be used in the performance of, or incorporated into, the work at the work site. The Contractor is solely responsible for all equipment, materials, supplies and other items stored by it at the work site, and any shortages thereof will be replaced by the Contractor at its expense.

- (2) The Contractor shall, at its expense, promptly repair, restore or replace any property of DOE, the University of South Carolina-Aiken (UofSC-Aiken), and/or personal property which the Contractor or any of its subcontractors damages, destroys or loses.

GC-4. ILLUMINATION AND SIGNAGE

- 4.1 When any work is performed at night or where daylight is obscured, the Contractor shall, at its expense, provide artificial light sufficient to permit work to be carried on efficiently, satisfactorily, and safely to permit thorough inspection. During such time periods, the access to the place of work shall also be clearly illuminated. All wiring for electric light and power shall be installed and maintained in a safe manner and meet all applicable codes and standards.
- 4.2 The Contractor shall post signage as required by and in accordance with applicable laws, regulations, ordinances and/or the contract. In the event the Contractor proposes to post signage other than that as required above, the Contractor shall provide to the DOE a description of the proposed signage to be posted, including size, color, content, configuration, sign location and the duration the sign is to remain in place.

GC-5. WORK SITE

- 5.1 Prior to moving any equipment or personnel to the work site, the Contractor shall review and become familiar with work site programs and procedures and the Contractor and its subcontractors shall fully and strictly comply with same.
- 5.2 Any temporary construction buildings and sanitary facilities provided by the Contractor shall conform to work site and permit requirements.
- 5.3 The Contractor shall perform site clean-up regularly (including on a daily basis if necessary or directed by DOE) in order to keep that area of the work site on which it performs any work hereunder clean and free from accumulation of petroleum, waste materials (including, without limitation, any waste Hazardous Materials that were brought to or disturbed or released upon or near the work site by the Contractor or its subcontractors or were created or disturbed or released as a result of, or in connection with, the performance by the Contractor or any of its subcontractors of the work), rubbish and other debris resulting from the performance of the work.
- 5.4 The Contractor shall repair or replace, at its expense, any work or property which it, or any of its subcontractors, damages.
- 5.5 The Contractor shall conduct inspections to determine if those areas of the work site used by the Contractor and any of its subcontractors to perform the work are safe for the performance thereof and the Contractor accepts the sole, non-delegable responsibility for providing a safe place to work for its employees and the employees of its subcontractors and for the adequacy of and required use of all safety equipment.

- 5.6 The Contractor shall clean up the work site daily. Dust control and minimized off-site tracking of sediments from and within the work site are also required. Waste and debris shall not be allowed to accumulate in such quantities as to create an unsightly appearance or a safety or fire hazard, nor shall it interfere in any way with free access to, or operation of, existing facilities.
- 5.7 Construction debris stockpiled for later removal, with or without a surrounding barrier, shall have a sign at the location identifying the Contractor stockpiling the materials and the applicable project name.
- 5.8 Upon completion of the work and prior to final payment, the Contractor shall at its expense satisfactorily dispose of all rubbish; remove all plant, buildings, equipment, and materials belonging to the Contractor. The Contractor shall leave the premises in a neat, clean, and safe condition.
- 5.9 The Contractor shall preserve and protect all structures, equipment, and vegetation (such as trees, shrubs, and grass) on or adjacent to the work site, which do not interfere with the work required under this contract.
- 5.10 In the event of the Contractor's failure to comply with the foregoing requirements, DOE may accomplish it at the Contractor's expense.

GC-6. HAZARDOUS MATERIALS

- 6.1 The Contractor shall notify DOE immediately upon the discovery of the presence of any hazardous material on, or the release of hazardous material on or from, the work site, and shall proceed in accordance with GC-6.2 hereof in connection therewith.
- 6.2 In the event a hazardous material is discovered to exist at the work site and is one for which the Contractor is responsible pursuant to GC-6.3 hereof, the Contractor shall notify DOE of the presence thereof and be responsible for responding to and handling such hazardous material (including but not limited to the condition resulting from the presence thereof) in compliance with the requirements of all applicable laws and as directed by DOE. In the event a hazardous material is discovered to exist at the work site and is not one for which the Contractor is responsible pursuant to GC-6.3 hereof, the Contractor shall immediately notify DOE of the presence thereof and thereafter proceed with the performance of the work as directed by DOE or otherwise.
- 6.3 The Contractor is responsible for any hazardous material that the Contractor or any of its subcontractors creates, brings to or disturbs or releases upon or near the work site.
- 6.4 Nothing furnished by the Contractor in the performance of the work shall contain asbestos (i.e. shall be "asbestos-free").

GC-7. DOE INFORMATION

- 7.1 No information, including but not limited to, estimated quantities, bills of materials, lists, weights or quantities of materials or structures which have been or may be furnished to the Contractor under the contract are warranted or guaranteed as to accuracy, completeness or otherwise. They may or may not be accurate in any or all particulars, and they shall not be considered as finally correct, sufficiently complete or accurately covering any portion or all of the work to be done under the contract.

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J – LIST OF ATTACHMENTS

ATTACHMENT J-6 – REQUEST FOR CLARIFICATION OF INFORMATION (RCI)

RCI No.: _____

Date: _____

Reference Drawing:	Specification:
Location:	
Information Requested:	
Reason Requested:	
Requested By:	
Requested Reply By:	
Contractor : _____	Date: _____
<i>Name and Signature required</i>	

Information to Contractor

Requested Information:
Contracting Officer's Representative: _____ Date: _____

Advanced Manufacturing Collaborative
Savannah River Nuclear Solutions, LLC

GMP Proposal
Design Criteria
August 19, 2016

HEERY

Comm. No. 16006-00

TABLE OF CONTENTS

INTRODUCTION..... 1

PART 1: LIST OF GMP DRAWINGS 2

PART 2: ROOM DATA SHEETS..... 4

PART 3: DESIGN NARRATIVES 96

 CIVIL 97

 Description 97

 Accessibility Design 97

 Stormwater..... 97

 Utilities..... 97

 Codes..... 97

 Assumptions..... 98

 ARCHITECTURAL 99

 Description 99

 Construction 99

 Exterior Materials..... 99

 Interior Materials 101

 Elevators..... 101

 Fire Extinguishers..... 102

 Codes..... 102

 INTERIOR..... 110

 Finishes 110

 Interdisciplinary Lab Meeting Space 112

 Elevator Finishes..... 112

 Feature Lighting 112

 Signage..... 112

 Decorative Railings 112

 Miscellaneous 113

 STRUCTURAL..... 114

 Design Criteria..... 114

 Structural Testing and Inspection 115

 Material Properties 115

 Geotechnical Report 116

 Lateral Load-Resisting Structure 116

 Architectural, Mechanical, and Electrical Components 117

ELECTRICAL	118
Description	118
Codes.....	118
Seismic Design.....	118
Site Electrical Distribution	118
Electrical Design Loads	119
Power Distribution	119
Emergency Power Supply System	121
LIGHTING.....	122
Interior Lighting.....	122
Exterior Lighting	122
Emergency Lighting.....	122
Lighting Control System.....	123
LIGHTNING PROTECTION SYSTEM	124
FIRE ALARM SYSTEM	125
Fire Alarm Equipment	125
System Operation	126
COMMUNICATIONS SYSTEMS.....	127
Structured Cabling System.....	127
Low Resistance Grounding System	127
Audio/Visual System.....	127
Wireless Access Points (WAP)	127
MECHANICAL	128
General	128
Codes and Standards	128
Assumptions.....	129
HVAC System Selection Criteria:	132
Description	133
PLUMBING	141
Description	141
Codes.....	141
Pipe Materials	141
Plumbing Fixtures	142
Plumbing Systems	142
Plumbing General	145
FIRE PROTECTION	146

Description146

Codes.....146

Automatic Sprinkler Pipe Materials146

Flow Test Information146

Fire Protection Design Criteria147

Preliminary Hydraulic Calculations148

Fire Pump148

Special Hazard Protection148

Seismic148

ENERGY-LEED.....149

Sustainability.....149

LEED Goals.....149

Energy Goals Summary149

INTRODUCTION

This volume of design criteria is part of our GMP Proposal to construct a new office and laboratory “Advanced Manufacturing Collaborative” facility for Savannah River Nuclear Solutions (SRNS) to be shared with the University of South Carolina Aiken campus. The GMP Proposal is based on a set of schematic design documents. These schematic design documents are the drawings and this volume of design criteria. Because the documents are designed to a schematic level, this information is provided to supplement the drawings. All of these documents together define the scope of work included in the GMP.

This volume of design criteria includes a list of GMP drawings, a collection of Room Data Sheets, and design narratives. The list of GMP drawings is self-explanatory. The Room Data Sheet documents detail the requirements for each space. The design narratives help to define the scope and quality of finishes, materials, equipment and systems to be provided.

The design includes space for office and laboratory functions. These functions will be housed in a two story building.

The site has been master-planned to coordinate with the University of South Carolina Aiken campus. This master plan includes a parking lot and detention structures to serve the building.

We believe this is an important project for SRNS and USC Aiken that should convey a significant technological research image. We have worked with SRNS to define the programmatic needs of this project and to propose a design that will meet those needs within the project’s time and funding limits.

PART 1
LIST OF GMP DRAWINGS

LIST OF GMP DRAWINGS

(Dated August 19, 2016)

	ENTRY VIEW RENDERING
AS-101	ARCHITECTURAL SITE PLAN
AF-101	OVERALL FLOOR PLAN LEVEL 01
AF-102	OVERALL FLOOR PLAN LEVEL 02
	NORTH AERIAL VIEW
	WEST VIEW
	SOUTH CAMPUS VIEW
	NORTHEAST VIEW

PART 2
ROOM DATA SHEETS

Room Name: Plastic Additive Mat'ls. Lab

GENERAL

Room Name:	Plastic Additive Mat'ls. Lab	Number of Occupants:	4
Function:	Plastic AM Lab	Hours per Day:	24
		Days per Week:	7
Quantity of this Room:	1	Primary Adjacencies:	1st floor
Minimum Floor Area:	nusf	Secondary Adjacencies:	
Function Comment:		Types:	

CONSTRUCTION AND FINISHES

Wall Material:	GWB + metal stud	Minimum Ceiling Height:	ft. 11' min. clear
Wall Finishes:	Paint	Ceiling Material:	exposed structure
Floor Finishes:	Epoxy paint on concrete	Door Material:	wd./half glass, h.m. frame
Wall Base:	Vinyl	Doors:	pair 3' x 7'
Windows:	Observation Window	Window Treatments:	Blinds
Finish Comments:			
Construction Comments:	Lab walls extend to structure above.		

FURNITURE

Quantity	Description	Supplied by
2	desk chair	DBF

Furniture Comments:

EQUIPMENT

Quantity	Description	Supplied by
10 LF	base cabinet with one 36" wide sink	DBF
10 LF	wall cabinet	DBF
10 LF	mobile (wheeled) base cabinet	DBF
1	flammable storage cabinet	DBF
1	combustible storage cabinet	DBF
2	desk	DBF
2	Stratasys Fortus 450mc	GFE
1	Stratasys Fortus 400mc	GFE
1	Objet Eden	GFE
1	Airflow Systems Paint Booth (4')	GFE
1	CleanStation II	GFE
1	Stratasys Smoothing Station	GFE
2	book shelf (for manuals, product display)	GFE

Equipment Comments:

HVAC

Relative Humidity:		HVAC Reliability:	
Directional Airflow:	Bldg. Standard	Heat Generating Equipment:	Equipment List
HVAC Comments:	Appropriate HVAC system to maintain lab between 72F-78F @ relative humidity between 40%-60% Equipment in this lab generates a lot of heat for a lab space Appropriate venting for spray paint booth Appropriate venting for Smoothing Station experiments run 24/7 3 stub outs for exhaust snorkels in ceiling, one at each end and center.		

Room Name: Plastic Additive Mat'ls. Lab

HAZARDS

Hazard Comments: Chemicals in use - acetone (1 gallon), isopropyl alcohol, spray paint, super glue

ELECTRICAL

Electrical Comments: (5) 208V outlets, 3 phase, 18 amps each
(1) 240V 1 phase, 20 amp (located next to hot and cold water taps).
120V duplex outlets every 8' of wall.
120V duplex outlets every 4' of countertop.
UPS on individual equipment - GFE

LIGHTING

Lighting Level: fc 50 avg., 70 task Light Type: Fluorescent
Lighting Comments: Lighting will provide general illumination. Supplemental lighting will provide additional illumination in task areas, and task lighting will have separate controls. Lighting circuits will be controlled by a schedule base programmable building-wide lighting control system to achieve automatic shutoff in compliance with IECC-2009 lighting controls mandatory requirements. Local switches will be provided to control overhead lights and task lighting.

COMMUNICATION

Data/Phone Outlets: 1-2 data drops, with 3 RJ45 jacks with cat. 6 cable each, on each side wall, 3 drops total. No phone. 1 wireless access point.
Communication Comments: 1 wireless access point.
A separate GFE supplied wired router is required in the room. The equipment need to be connected to a computer to get their data files, but they should not be connected to the building network.

PIPING/PLUMBING

Fixtures:	type	quantity	notes
	Work Sink (resin)	1	
	Emer. Sh/Eye Wash	1	
Floor Drain	Only at the emergency shower/eyewash		
Misc:	Clean Station: Hot and Cold Water taps similar to a washing machine hook up. Drain required (to sanitary system) Requirements for hot/cold water taps and drain are on page 2 of the CleanStation II manual.		
	Cold water connection along side of the piped gas connections.		

GASES

Gases Comments: 3 Piped Gases - Compressed Air (125 psi), Nitrogen, Argon. Valved, stubbed and capped for future use in ceiling at mains.

OTHER

Fire Protection Comments:
Acoustical Comments:
Structural Comments:
Security Comments :

Room Name: Virtual Reality Lab

GENERAL

Room Name:	Virtual Reality Lab	Number of Occupants:	25
Function:	Virtual Reality Lab	Hours per Day:	in and out
		Days per Week:	in and out
Quantity of this Room:	1	Primary Adjacencies:	
Minimum Floor Area:	nusf	Secondary Adjacencies:	
Function Comment:	none	Types:	

CONSTRUCTION AND FINISHES

Wall Material:	GWB + metal stud	Minimum Ceiling Height:	ft. 11' min. clear
Wall Finishes:	Paint	Ceiling Material:	exposed, painted (black)
Floor Finishes:	Epoxy paint on concrete (black)	Door Material:	wd./half glass, h.m. frame
Wall Base:	Vinyl	Doors:	pair 3' x 7'
Windows:	Observation	Window Treatments:	Black out shades - room darkening

Finish Comments: To maximixe the VR experience, you must be immersed in the environment and not able to see the real environment you are sitting in.

Construction Comments: Lab walls extend to structure above.

FURNITURE

Quantity	Description	Supplied by
25	chairs, comfortable, wheeled, stackable	DBF

Furniture Comments:

EQUIPMENT

Quantity	Description	Supplied by
1	Virtualis ActiveMove	GFE
1	digital projector, ceiling mounted	GFE
5 LF	mobile (wheeled) base cabinet	DBF
	Provide motorized (or manual) black scrims to block ambient light for 1/2 of the room space. Scrims should block all ambient light when lowered, and be able to be raised to allow work and viewing when not in an immersive VR experience.	DBF

Equipment Comments:

HVAC

Relative Humidity:	>30% Humidity	HVAC Reliability:	M1
Directional Airflow:	Bldg. Standard	Heat Generating Equipment:	Equipment List
HVAC Comments:	Appropriate HVAC system to maintain lab between 72F-78F @ relative humidity between 40%-60%		
	3 stub outs for exhaust snorkels in ceiling, one at each end and center.		

HAZARDS

Hazard Comments:

Room Name: Virtual Reality Lab

ELECTRICAL

Electrical Comments: (2) 208V outlets
120V duplex outlets every 8' of wall.
120V duplex outlets every 4' of countertop.
Power in ceiling for overhead projector

LIGHTING

Lighting Level: fc 50 avg., 70 task Light Type: Fluorescent
Lighting Comments: Lighting will provide general illumination. Supplemental lighting will provide additional illumination in task areas, and task lighting will have separate controls. Lighting circuits will be controlled by a schedule base programmable building-wide lighting control system to achieve automatic shutoff in compliance with IECC-2009 lighting controls mandatory requirements. Local switches will be provided to control overhead lights and task lighting

COMMUNICATION

Data/Phone Outlets: 1-2 data drops, with 3 RJ45 jacks with cat. 6 cable each, on each side wall, 3 drops total. No phone. 1 wireless access point.
Communication Comments: 1 wireless access point.
One data connection needs to be outside of the firewall to enable VR video conferences with other facilities - GFE.

PIPING/PLUMBING

Fixtures:	type	quantity	notes
	work sink (future)	1	stub out plumbing for future sink
	Emer. Sh/Eye Wash (future)	1	stub out plumbing for future eyewash
Floor Drain	Only at the emergency shower/eyewash		
Misc:	Cold water connection along side of the piped gas connections - stubbed out for future use.		

GASES

Gases Comments: 3 Piped Gases - Compressed Air (125 psi), Nitrogen, Argon. Valved, stubbed and capped for future use in ceiling at mains.

OTHER

Fire Protection Comments:
Acoustical Comments:
Structural Comments:
Security Comments :

Room Name: Cyber/Wireless Lab

GENERAL

Room Name:	Cyber/Wireless Lab	Number of Occupants:	6
Function:	Cyber/Wireless Lab	Hours per Day:	in and out
		Days per Week:	in and out
Quantity of this Room:	1	Primary Adjacencies:	1st floor, exterior wall
Minimum Floor Area:	nusf	Secondary Adjacencies:	Roof Access
Function Comment:	Railed Antenna Area on Roof	Types:	

CONSTRUCTION AND FINISHES

Wall Material:	GWB + metal stud	Minimum Ceiling Height:	ft. 11' min. clear
Wall Finishes:	Paint	Ceiling Material:	exposed structure
Floor Finishes:	Sealed concrete & raised floor system with high pressure laminate static dissipative floor tile	Door Material:	wd./half glass, h.m. frame
Wall Base:	Vinyl	Doors:	pair 3' x 7'
Windows:	Observation/Outside View	Window Treatments:	Blinds

Finish Comments:

Construction Comments: Provide raised computer floor system 3" high.
Lab walls extend to structure above.
Provide roof structure to support antennas. Locate away from high bay structures.

FURNITURE

Quantity	Description	Supplied by
6	chairs, (work bench height)	DBF
1	chairs, (desk height)	DBF

Furniture Comments:

EQUIPMENT

Quantity	Description	Supplied by
20 LF	anti-static work bench with one 36" wide sink	DBF
20 LF	anti-static work bench with knee space	DBF
30 LF	wall mounted cabinets	DBF
2	8' mobile (wheeled) tables	DBF
2	mobile (wheeled) storage cabinets, 6'H x 3'W	DBF
1	vented gas cylinder cabinet, 3 cylinders	DBF
TBD	roof top antennas mounting support	DBF
TBD	roof top antennas	GFE

Equipment Comments: Currently using 75 outlets powering equipment

HVAC

Relative Humidity:	>30% Humidity	HVAC Reliability:	
Directional Airflow:	Bldg. Standard	Heat Generating Equipment:	Equipment List

HVAC Comments: Appropriate HVAC system to maintain lab between 72F-78F @ relative humidity between 40%-60%
3 stub outs for exhaust snorkels in ceiling, one at each end and center.

HAZARDS

Hazard Comments: solder and solder flux

Room Name: Cyber/Wireless Lab

ELECTRICAL

Electrical Comments: (2) 480V outlets
 (2) 208V 3-phase outlets
 120V duplex outlets at 12" o.c. in 20 LF surface mounted raceway at benches.
 120V duplex outlets every 2' of countertop, 3 duplex outlets per circuit
 (2) 120V overhead power drop to center of room over tables
 Separate low impedance grounding for lab and roof
 no ups
 provide (1) 6" or (2) 4", empty conduit with pull wire up to roof

LIGHTING

Lighting Level: fc 50 avg., 70 task Light Type: Fluorescent
 Lighting Comments: Lighting will provide general illumination. Supplemental lighting will provide additional illumination in task areas, and task lighting will have separate controls. Lighting circuits will be controlled by a schedule base programmable building-wide lighting control system to achieve automatic shutoff in compliance with IECC-2009 lighting controls mandatory requirements. Local switches will be provided to control overhead lights and task lighting.

COMMUNICATION

Data/Phone Outlets: 1-2 data drops, with 3 RJ45 jacks with cat. 6 cable each, on each side wall, 3 drops total.
 No phone.
 Communication Comments: 1 wireless access point.
 Isolated connection to outside internet

PIPING/PLUMBING

Fixtures:	type	quantity	notes
	Work Sink (resin)	1	
	Emer. Sh/Eye Wash	1	
Floor Drain	Only at the emergency shower/eyewash		
Misc:	Cold water connection along side of the piped gas connections - stubbed out for future use.		

GASES

Gases Comments: 3 Piped Gases - Compressed Air (125 psi), Nitrogen, Argon. Valved, stubbed and capped for future use in ceiling at mains.

OTHER

Fire Protection Comments:
 Acoustical Comments:
 Structural Comments:
 Security Comments :

Room Name: Scientific Computation Lab

GENERAL

Room Name:	Scientific Computation Lab	Number of Occupants:	18
Function:	Scientific Computing Lab	Hours per Day:	8
Quantity of this Room:	1	Days per Week:	5
Minimum Floor Area:	nusf	Primary Adjacencies:	1st floor
Function Comment:		Secondary Adjacencies:	
		Types:	

CONSTRUCTION AND FINISHES

Wall Material:	GWB + metal stud	Minimum Ceiling Height:	ft. 11' min. clear
Wall Finishes:	Paint	Ceiling Material:	exposed structure
Floor Finishes:	Sealed concrete & raised floor system with high pressure laminate static dissipative floor tile	Door Material:	wd./half glass, h.m. frame
Wall Base:	Vinyl	Doors:	pair 3' x 7'
Windows:		Window Treatments:	Blinds
Finish Comments:			
Construction Comments:	Provide raised computer floor system 3" high. Lab walls extend to structure above.		

FURNITURE

Quantity	Description	Supplied by
18	chairs, wheeled, stackable	DBF

Furniture Comments:

EQUIPMENT

Quantity	Description	Supplied by
2	white board	DBF
10 LF	mobile (wheeled) base cabinet	DBF
6	tables - sized for 3 seated across, with built in USB/power/data	DBF
3	70" wall mounted monitors	GFE
1	printer	GFE
1	plotter	GFE

Equipment Comments: locate tables in center of room, two rows of three tables facing side wall

HVAC

Relative Humidity:	40% - 60%	HVAC Reliability:	
Directional Airflow:	Bldg. Standard	Heat Generating Equipment:	
HVAC Comments:	Separate Thermostat Control 3 stub outs for exhaust snorkels in ceiling, one at each end and center.		

HAZARDS

Hazard Comments:

Room Name: Scientific Computation Lab

ELECTRICAL

Electrical Comments: 3 power drops each side wall
dedicated outlet/circuit for Printer (1) & Plotter (1)
(8) 120V quad. outlets under raised floor system. Provide 10' slack in flexible cables.
Provide grommets in 1/2 of floor tiles for wiring.

LIGHTING

Lighting Level: fc 50 avg., 70 task Light Type: Fluorescent
Lighting Comments: Lighting will provide general illumination. Supplemental lighting will provide additional illumination in task areas, and task lighting will have separate controls. Lighting circuits will be controlled by a schedule base programmable building-wide lighting control system to achieve automatic shutoff in compliance with IECC-2009 lighting controls mandatory requirements. Local switches will be provided to control overhead lights and task lighting.

COMMUNICATION

Data/Phone Outlets: 1-2 data drops, with 3 RJ45 jacks with cat. 6 cable each, on each side wall, 3 drops total. No phone.
1 data each for printer and plotter
provide data drops adjacent to power outlets under raised floor system
Communication Comments: 1 wireless access point.

PIPING/PLUMBING

Fixtures:	type	quantity	notes
	work sink (future)	1	stub out plumbing for future sink
	Emer. Sh/Eye Wash	1	stub out plumbing for future eyewash
Floor Drain	Only at the emergency shower/eyewash		
Misc:	Cold water connection along side of the piped gas connections. Stubout for future use.		

GASES

Gases Comments: 3 Piped Gases - Compressed Air (125 psi), Nitrogen, Argon. Stubbed and capped for future use in ceiling at mains.

OTHER

Fire Protection Comments:
Acoustical Comments:
Structural Comments:
Security Comments :

Room Name: Mechanical & Electrical Lab

GENERAL

Room Name:	Mechanical & Electrical Lab	Number of Occupants:	6
Function:	Mechanical and Electrical Testing Lab	Hours per Day:	in and out
		Days per Week:	in and out
Quantity of this Room:	1	Primary Adjacencies:	2nd floor
Minimum Floor Area:	nusf	Secondary Adjacencies:	
Function Comment:	none	Types:	

CONSTRUCTION AND FINISHES

Wall Material:	GWB + metal stud	Minimum Ceiling Height:	ft. 11' min. clear
Wall Finishes:	Paint	Ceiling Material:	exposed structure
Floor Finishes:	Anti-Static epoxy paint on concrete	Door Material:	wd./half glass, h.m. frame
Wall Base:	Vinyl	Doors:	pair 3' x 7'
Windows:	Observation	Window Treatments:	Blinds

Finish Comments:
Construction Comments: Lab walls extend to structure above.

FURNITURE

Quantity	Description	Supplied by
4	storage cabinets	DBF
12	chairs	DBF

Furniture Comments:

EQUIPMENT

Quantity	Description	Supplied by
5	work bench, 8' long	DBF
5	work bench, 8' long, antistatic	DBF
10 LF	base cabinet with one 36" wide sink	DBF
10 LF	wall cabinet	DBF
1	flammable storage cabinet	DBF
1	vented gas cylinder cabinet (3 cylinders)	DBF

Equipment Comments:

HVAC

Relative Humidity:	>30% Humidity	HVAC Reliability:	
Directional Airflow:	Bldg. Standard	Heat Generating Equipment:	Equipment List

HVAC Comments: Appropriate HVAC system to maintain lab between 72F-78F @ relative humidity between 40%-60%
3 stub outs for exhaust snorkels in ceiling, one at each end and center.

HAZARDS

Hazard Comments: solder, flux, oil and grease for motor maintenance

Room Name: Mechanical & Electrical Lab

ELECTRICAL

Electrical Comments: (2) 208V, 1 phase, 20 amp outlets
 (2) 208V, 3 phase, 50 amp, twist lock outlets
 (2) 480V, 3 phase, 60 amp, twist lock outlets
 120V duplex outlets every 8' of wall.
 120V duplex outlets every 4' of countertop.
 antistatic, low impedance grounding
 max. 3 duplex outlets per circuit.
 2 overhead 120V powerpole drops per center island work bench

LIGHTING

Lighting Level: fc 50 avg., 70 task Light Type: Fluorescent
 Lighting Comments: Lighting will provide general illumination. Supplemental lighting will provide additional illumination in task areas, and task lighting will have separate controls. Lighting circuits will be controlled by a schedule base programmable building-wide lighting control system to achieve automatic shutoff in compliance with IECC-2009 lighting controls mandatory requirements. Local switches will be provided to control overhead lights and task lighting.

COMMUNICATION

Data/Phone Outlets: 1-2 data drops, with 3 RJ45 jacks with cat. 6 cable each, on three walls, 4 drops total.
 No phone.
 2 data drops from overhead to serve center work benches
 Communication Comments: 1 wireless access point.

PIPING/PLUMBING

Fixtures:	type	quantity	notes
	Work Sink (resin)	1	
	Emer. Sh/Eye Wash	1	

Floor Drain Only at the emergency shower/eyewash
 Misc: Cold water connection along side of the piped gas connections.

GASES

Gases Comments: 3 Piped Gases - Compressed Air (125 psi), Nitrogen, Argon. Valved, stubbed and capped for future use, in ceiling at mains.
 Provide active compressed air and cold water at three locations.

OTHER

Fire Protection Comments:
 Acoustical Comments:
 Structural Comments:
 Security Comments :

Room Name: Characterization Lab

GENERAL

Room Name:	Characterization Lab	Number of Occupants:	4
Function:		Hours per Day:	in and out
		Days per Week:	in and out
Quantity of this Room:	1	Primary Adjacencies:	1st floor
Minimum Floor Area:	nusf	Secondary Adjacencies:	
Function Comment:		Types:	

CONSTRUCTION AND FINISHES

Wall Material:	GWB + metal stud	Minimum Ceiling Height:	ft. 11' min. clear
Wall Finishes:	Paint	Ceiling Material:	exposed structure
Floor Finishes:	Epoxy paint on concrete	Door Material:	wd./half glass, h.m. frame
Wall Base:	Vinyl	Doors:	pair 3' x 7'
Windows:	Observation	Window Treatments:	Blinds
Finish Comments:			
Construction Comments:	Lab walls extend to structure above.		

FURNITURE

Quantity	Description	Supplied by
2	desk chair	DBF

Furniture Comments:

EQUIPMENT

Quantity	Description	Supplied by
10 LF	base cabinet with one 36" wide sink	DBF
10 LF	wall cabinet	DBF
1	vented gas cylinder cabinet, 3 cylinders	DBF
2	desk	DBF
4	8' mobile (wheeled) tables	DBF

Equipment Comments:

HVAC

Relative Humidity:	>30% Humidity	HVAC Reliability:	M1
Directional Airflow:	Bldg. Standard	Heat Generating Equipment:	Equipment List
HVAC Comments:	Appropriate HVAC system to maintain lab between 72F-78F @ relative humidity between 40%-60%		
	3 stub outs for exhaust snorkels in ceiling, one at each end and center.		

HAZARDS

Hazard Comments:

ELECTRICAL

Electrical Comments:

- (2) 208V, 3 phase outlets
- 120V quad outlets every 8' of wall.
- 120V quad outlets every 4' of countertop.
- Max. 3 quad outlets per 20 amp circuit.

Room Name: Characterization Lab

LIGHTING

Lighting Level: fc 50 avg., 70 task Light Type: Fluorescent
 Lighting Comments: Lighting will provide general illumination. Supplemental lighting will provide additional illumination in task areas, and task lighting will have separate controls. Lighting circuits will be controlled by a schedule base programmable building-wide lighting control system to achieve automatic shutoff in compliance with IECC-2009 lighting controls mandatory requirements. Local switches will be provided to control overhead lights and task lighting.

COMMUNICATION

Data/Phone Outlets: 1-2 data drops, with 3 RJ45 jacks with cat. 6 cable each, on each side wall, 3 drops total. No phone.
 Communication Comments: 1 wireless access point.

PIPING/PLUMBING

Fixtures:	<i>type</i>	<i>quantity</i>	<i>notes</i>
	Work Sink (resin)	1	
	Emer. Sh/Eye Wash	1	
Floor Drain	Only at the emergency shower/eyewash		
Misc:	Cold water connection along side of the piped gas connections.		

GASES

Gases Comments: 3 Piped Gases - Compressed Air (125 psi), Nitrogen, Argon. Piped to all hoods, center island and two wall locations.

OTHER

Fire Protection Comments:
 Acoustical Comments:
 Structural Comments:
 Security Comments :

Room Name: Smart Manufacturing Lab

GENERAL

Room Name:	Smart Manufacturing Lab	Number of Occupants:	4
Function:		Hours per Day:	in and out
		Days per Week:	in and out
Quantity of this Room:	1	Primary Adjacencies:	2nd floor
Minimum Floor Area:	nusf	Secondary Adjacencies:	
Function Comment:		Types:	

CONSTRUCTION AND FINISHES

Wall Material:	GWB + metal stud	Minimum Ceiling Height:	ft. 11' min. clear
Wall Finishes:	Paint	Ceiling Material:	exposed structure
Floor Finishes:	Anti-Static epoxy paint on concrete	Door Material:	wd./half glass, h.m. frame
Wall Base:	Vinyl	Doors:	pair 3' x 7'
Windows:	Observation	Window Treatments:	Blinds
Finish Comments:			
Construction Comments:	Lab walls extend to structure above.		

FURNITURE

Quantity	Description	Supplied by
2	desk chair	DBF

Furniture Comments:

EQUIPMENT

Quantity	Description	Supplied by
10 LF	base cabinet with one 36" wide sink	DBF
10 LF	wall cabinet	DBF
10 LF	mobile (wheeled) base cabinet	DBF
1	vented gas cylinder cabinet (3 cylinders)	DBF
2	mobile (wheeled) work tables 3' x 5'	DBF
2	mobile (wheeled) storage cabinets, 6'H x 3'W	DBF
2	desk	DBF

Equipment Comments:

HVAC

Relative Humidity:	>30% Humidity	HVAC Reliability:	M1
Directional Airflow:	Bldg. Standard	Heat Generating Equipment:	Equipment List
HVAC Comments:	Appropriate HVAC system to maintain lab between 72F-78F @ relative humidity between 40%-60%		
	3 stub outs for exhaust snorkels in ceiling, one at each end and center.		

HAZARDS

Hazard Comments:

ELECTRICAL

Electrical Comments:

- (2) 208V, 3 phase outlets
- 120V quad outlets every 8' of wall.
- 120V quad outlets every 4' of countertop.
- Max. 3 quad outlets per 20 amp circuit.

Room Name: Smart Manufacturing Lab

LIGHTING

Lighting Level: fc 50 avg., 70 task Light Type: Fluorescent
 Lighting Comments: Lighting will provide general illumination. Supplemental lighting will provide additional illumination in task areas, and task lighting will have separate controls. Lighting circuits will be controlled by a schedule base programmable building-wide lighting control system to achieve automatic shutoff in compliance with IECC-2009 lighting controls mandatory requirements. Local switches will be provided to control overhead lights and task lighting.

COMMUNICATION

Data/Phone Outlets: 1-2 data drops, with 3 RJ45 jacks with cat. 6 cable each, on each side wall, 3 drops total. No phone.
 Communication Comments: 1 wireless access point.

PIPING/PLUMBING

Fixtures:	<i>type</i>	<i>quantity</i>	<i>notes</i>
	Work Sink (resin)	1	
	Emer. Sh/Eye Wash	1	
Floor Drain	Only at the emergency shower/eyewash		
Misc:	Cold water connection along side of the piped gas connections.		

GASES

Gases Comments: 3 Piped Gases - Compressed Air (125 psi), Nitrogen, Argon. Pipe to one location each side wall and one in center in ceiling, (3 total).

OTHER

Fire Protection Comments:
 Acoustical Comments:
 Structural Comments:
 Security Comments :

Room Name: SRNS Lab

GENERAL

Room Name:	SRNS Lab	Number of Occupants:	4
Function:		Hours per Day:	in and out
		Days per Week:	in and out
Quantity of this Room:	1	Primary Adjacencies:	2nd floor
Minimum Floor Area:	nusf	Secondary Adjacencies:	
Function Comment:		Types:	

CONSTRUCTION AND FINISHES

Wall Material:	GWB + metal stud	Minimum Ceiling Height:	ft. 11' min. clear
Wall Finishes:	Paint	Ceiling Material:	exposed structure
Floor Finishes:	Epoxy paint on concrete	Door Material:	wd./half glass, h.m. frame
Wall Base:	Vinyl	Doors:	pair 3' x 7'
Windows:	Observation	Window Treatments:	Blinds
Finish Comments:			
Construction Comments:	Lab walls extend to structure above.		

FURNITURE

Quantity	Description	Supplied by
2	desk chair	DBF

Furniture Comments:

EQUIPMENT

Quantity	Description	Supplied by
30 LF	base cabinet with one 36" wide sink	DBF
30 LF	wall cabinet	DBF
30 LF	mobile (wheeled) base cabinet	DBF
1	vented gas cylinder cabinet (3 cylinders)	DBF
2	desk	DBF

Equipment Comments:

HVAC

Relative Humidity:	>30% Humidity	HVAC Reliability:	M1
Directional Airflow:	Bldg. Standard	Heat Generating Equipment:	Equipment List
HVAC Comments:	Appropriate HVAC system to maintain lab between 72F-78F @ relative humidity between 40%-60%		
	3 stub outs for exhaust snorkels in ceiling, one at each end and center.		

Room Name: SRNS Lab

HAZARDS

Hazard Comments:

ELECTRICAL

Electrical Comments: (2) 208V outlets
120V quad outlets every 8' of wall.
120V quad outlets every 4' of countertop.
Max. 3 quad. outlets per 20 amp circuit.

LIGHTING

Lighting Level: fc 50 avg., 70 task Light Type: Fluorescent
Lighting Comments: Lighting will provide general illumination. Supplemental lighting will provide additional illumination in task areas, and task lighting will have separate controls. Lighting circuits will be controlled by a schedule base programmable building-wide lighting control system to achieve automatic shutoff in compliance with IECC-2009 lighting controls mandatory requirements. Local switches will be provided to control overhead lights and task lighting.

COMMUNICATION

Data/Phone Outlets: 1-2 data drops, with 3 RJ45 jacks with cat. 6 cable each, on each side wall, 3 drops total. No phone.
Communication Comments: 1 wireless access point.
Isolated connection to outside internet

PIPING/PLUMBING

Fixtures:	type	quantity	notes
	Work Sink (resin)	1	
	Emer. Sh/Eye Wash	1	
Floor Drain	Only at the emergency shower/eyewash		
Misc:	Cold water connection along side of the piped gas connections.		

GASES

Gases Comments: 3 Piped Gases - Compressed Air (125 psi), Nitrogen, Argon. Pipe to one location each side wall and one in center in ceiling, (3 total).

OTHER

Fire Protection Comments:
Acoustical Comments:
Structural Comments:
Security Comments :

Room Name: Wet Lab 1

GENERAL

Room Name:	Wet Lab 1	Number of Occupants:	4
Function:	Traditional Wet Chemistry	Hours per Day:	11 (in and out)
		Days per Week:	5 (in and out)
Quantity of this Room:	1	Primary Adjacencies:	lab support
Minimum Floor Area:	nusf	Secondary Adjacencies:	Wet Labs 2 & 3
Function Comment:	none	Types:	

CONSTRUCTION AND FINISHES

Wall Material:	GWB + metal stud	Minimum Ceiling Height:	ft. 11' min. clear
Wall Finishes:	Paint	Ceiling Material:	exposed structure
Floor Finishes:	Epoxy paint on concrete	Door Material:	wd./half glass, h.m. frame
Wall Base:	Vinyl	Doors:	pair 3' x 7'
Windows:	Observation	Window Treatments:	Blinds
Finish Comments:			
Construction Comments:	Lab walls extend to structure above.		

FURNITURE

Quantity	Description	Supplied by
2	chairs	DBF

Furniture Comments:

EQUIPMENT

Quantity	Description	Supplied by
10 LF	base cabinet with one 36" wide sink	DBF
10 LF	wall cabinet	DBF
10 LF	mobile (wheeled) base cabinet	DBF
2	Fume hood 6' x 36" D, 80 to 100 fpm	DBF
4 x 3 LF	base cabinet for fume hood: (1) 3' acid storage + (1) 3' flammable storage for each fume hood, vented through hood	DBF
1	Floor mount hood 8' x 36" D, 80 to 100 fpm, combination sash	DBF
2	mobile work benches, 30" x 60" (center island)	DBF
1	vented gas cylinder cabinet (3 cylinders)	DBF

Equipment Comments:

HVAC

Relative Humidity:	30% to 65% Humidity	HVAC Reliability:	no 100% outage
Directional Airflow:	Bldg. Standard	Heat Generating Equipment:	Equipment List
HVAC Comments:	Merv 8 filtration Ventilation alarm system & HVAC to maintain 72F-78F 3 stub outs for exhaust snorkels in ceiling, one at each end and center. once-through air circulation N+1 exhaust capacity		

HAZARD

Hazard Comments:	Chemical inventory being developed.
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Room Name: Wet Lab 1

ELECTRICAL

Electrical Comments: 120V Duplex outlets every 4' @ countertop.
 No more than 3 duplex outlets per circuit.
 (3) 50A 208V 3 phase receptacles - 1 on each side wall and one mounted in center of lab in ceiling.
 120V duplex outlets every 6' wall space where cabinets not installed.
 2 conduit in ceiling with pull wire for future 480V, 3 phase, 30 amp service.
 2 overhead drops at center island.
 120V power at each hood.

LIGHTING

Lighting Level: fc 50 avg., 70 task Light Type: Fluorescent
 Lighting Comments: Lighting will provide general illumination. Supplemental lighting will provide additional illumination in task areas, and task lighting will have separate controls. Lighting circuits will be controlled by a schedule base programmable building-wide lighting control system to achieve automatic shutoff in compliance with IECC-2009 lighting controls mandatory requirements. Local switches will be provided to control overhead lights and task lighting.

COMMUNICATION

Data/Phone Outlets: 1 data drop, with 3 RJ45 jacks with cat. 6 cable each, on 3 walls, 3 drops total. No phone.
 Communication Comments: 1 wireless access point.

PIPING/PLUMBING

Fixtures:	type	quantity	notes
	Work Sink (resin)	1	
	Emer. Sh/Eye Wash	1	

Floor Drain Only at the emergency shower/eyewash
 Misc: Cold water connection along side of the piped gas connections in hoods only.

GASES

Gases Comments: 3 Piped Gases - Compressed Air (125 psi), Nitrogen, Argon. Piped to all hoods, center island and two wall locations.

OTHER

Fire Protection Comments: No special requirements. Sprinkler system
 Acoustical Comments:
 Structural Comments:
 Security Comments :

Room Name: Wet Lab 2

GENERAL

Room Name:	Wet Lab 2	Number of Occupants:	6
Function:	Traditional Wet Chemistry	Hours per Day:	11 (in and out)
		Days per Week:	5 (in and out)
Quantity of this Room:	1	Primary Adjacencies:	lab support
Minimum Floor Area:	nusf	Secondary Adjacencies:	Wet Labs 1 & 3
Function Comment:	none	Types:	

CONSTRUCTION AND FINISHES

Wall Material:	GWB + metal stud	Minimum Ceiling Height:	ft. 11' min. clear
Wall Finishes:	Paint	Ceiling Material:	exposed structure
Floor Finishes:	Epoxy paint on concrete	Door Material:	wd./half glass, h.m. frame
Wall Base:	Vinyl	Doors:	pair 3' x 7'
Windows:	Observation	Window Treatments:	Blinds
Finish Comments:			
Construction Comments:	Lab walls extend to structure above.		

FURNITURE

Quantity	Description	Supplied by
2	desk chair	DBF

Furniture Comments:

EQUIPMENT

Quantity	Description	Supplied by
10 LF	metal base cabinet with one 36" wide sink	DBF
10 LF	wall cabinet	DBF
20 LF	mobile (wheeled) base cabinet	DBF
4	fume hood 6' x 36" D, 80 to 100 fpm	DBF
8 x 3 LF	base cabinet for fume hood: (1) 3' acid storage + (1) 3' flammable storage for each fume hood, vented through hood	DBF
1	Floor mount hood 8' x 36" D, 80 to 100 fpm	DBF
2	mobile work benches, 30" x 60" (center island)	DBF
1	vented gas cylinder cabinet (3 cylinders)	DBF
2	desk	DBF

Equipment Comments:

HVAC

Relative Humidity:	30% to 65% Humidity	HVAC Reliability:	
Directional Airflow:	Bldg. Standard	Heat Generating Equipment:	Equipment List
HVAC Comments:	Merv 8 filtration Ventilation alarm system & HVAC to maintain 72F-78F 3 stub outs for exhaust snorkels in ceiling, one at each end and center. N+1 exhaust capacity		

HAZARDS

Hazard Comments: Chemical inventory being developed.