

TRANSMITTAL COVER SHEET

TO: Christopher Doll, P.G., Assessment Section Manager
COMPANY / AGENCY: UST Program / Bureau of Land and Waste Wanagement
FROM: Joseph Goings
RE: CARTA Leeds Avenue Operations Center; UST Permit #09959 Site-Specific Work Plan
DATE: March 17, 2015
TRANSMITTAL VIA: Standard US Mail Priority US Mail
Overnight Courier Hand Delivery
COMMENTS:
Enclosed you will find a Site-Specific Work Plan for the activities requested at the site.
Upon your approval of the Work Plan and cost proposal, ARN personnel will initiate the assessment.
Please do not hesitate to give me a call if you have any questions of if further information is required.
Sincerely, ARM Environmental Services, Inc.
Julyhallow
Joseph A. Goings, P.G. Staff Geologist
Juli Jeologist



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

To: Christopher Doll		(SCI	OHEC Project Manager)
From: Joseph Goings		(Cont	ractor Project Manager)
Contractor: ARM Environme	ntal Services, Inc. UST Cont	ractor Certification Number: #4	
Facility Name: <u>CARTA Leed</u>	s Avenue Operations Center	UST Permit #: <u>(</u>)9903
Facility Address: 3664 Leed	s Avenue, Charleston, SC		
Responsible Party: Charles	ton Area Regional Transportation Autr	nority Phone:	
RP Address: 36 John Street			
Property Owner (if different): <u>same</u>		
Property Owner Address:			
Current Use of Property:	Charleston Area Regional Transportati	on Authority Operations Center	
Scope of Work (Please ch			
-	Tier II	☐ Groundwater Sampling	☐ GAC
<u> </u>	Monitoring Well Installation	☐ OtherSu	rvey, Receptor Survey
	Working		- 100 - 100
Analyses (Please check a			
Groundwater/Surface Water			☐ Methane
☑ BTEXNMDCA (8260B)	☐ Lead	☐ BOD	☐ Ethanol
Oxygenates (8260B)		☐ Nitrate	☐ Dissolved Iron
☑ EDB (8011)	☐ TPH	☐ Sulfate	
☑ PAH (8270D)	□ рН	☐ Other	
Soil:			☐ Grain Size
☑ BTEXN	☐ 8 RCRA Metals	☐ TPH-DRO (3550B/8015B)	
☑ PAH	☐ Oil & Grease (9071)	☐ TPH-GRO (5030B/8015B)	П 100
Air:			
☐ BTEXN			
Sample Collection (Estin	nate the number of samples of eac	ch matrix that are expected to be co	illected.)
1 Soil	Water Supply	WellsAir	1 Field Blank
1 Monitoring Well	Surface Water	er <u>2</u> Duplicate	1 Trip Blank
Workering ****		wellsAir 2Duplicate	
Field Screening Methodo	nloav		
Estimate number and total	completed depth for each point, a	and include their proposed locations	s on the attached map.
# of shallow points propos	₽q.	stimated Footage:	ieer her hour
# of deep points proposed	·	Estimated Footage:	feet per point
	ogy:		
Ticia Gordoning measure	-33		
Permanent Monitoring W	<i>l</i> ells		II
Estimate number and tota	I completed depth for each well, ar	nd include their proposed locations	on the attached map.
n c. 1111	Estima	ited Footage: 14	teet per point
12 Calaran violen	Estima	ited Footage:	Teer bei bourt
# of recovery wells:	Estima	ted Footage:	leet bei boilit
Monitoring Well developm	ent method (consistent with SOP)	pumping	
Comments, if warranted:			
MW-1			
			
İ			

JST Permit #: 09959	Facility Name: CARTA Leeds Avenue Operations Center
mplementation Schedule (Number	of calendar days from approval)
Field Work Start-Up: 30 days	FIAM WORK LOMDIEMON, 45 9495
Report Submittal: 90 days	# of Copies Provided to Property Owners:
Aquifer Characterization Pump Test: □ Slug Test: □ (Che	ck one and provide explanation below for choice)
Investigation Derived Waste Dispos	Tons Purge Water: 50 Callot
Soil: 0.5 Drilling Fluids:	
MW-1	
Yes Laboratory as indicated in ACQ. Name of Laboratory: SCDHEC Certification Number	or Quality Assurance Plan (ACQAP) AP? (Yes/No) If no, indicate laboratory information below.
Yes Laboratory as indicated in ACQ. Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ Name of Well Driller:	AP? (Yes/No) If no, indicate laboratory information below.
Yes Laboratory as indicated in ACQ. Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ.	AP? (Yes/No) If no, indicate laboratory information below. AO? (Yes/No) If no, indicate driller information below.
Yes Laboratory as indicated in ACQ. Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ Name of Well Driller:	AP? (Yes/No) If no, indicate laboratory information below. AO? (Yes/No) If no, indicate driller information below.
Yes Laboratory as indicated in ACQ. Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ Name of Well Driller: SCLLR Certification Number:	AP? (Yes/No) If no, indicate laboratory information below. AO? (Yes/No) If no, indicate driller information below.
Yes Laboratory as indicated in ACQ. Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ Name of Well Driller: SCLLR Certification Number: Other variations from ACQAP.	AP? (Yes/No) If no, indicate laboratory information below. AO? (Yes/No) If no, indicate driller information below. Please describe below.
Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ Name of Well Driller: SCLLR Certification Number: Other variations from ACQAP. Attachments 1. Attach a copy of the relevant	AP? (Yes/No) If no, indicate laboratory information below. AO? (Yes/No) If no, indicate driller information below. Please describe below. t portion of the USGS topographic map showing the site location.
Yes Laboratory as indicated in ACQ. Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ. Name of Well Driller: SCLLR Certification Number: Other variations from ACQAP. Attachments 1. Attach a copy of the relevant 2. Prepare a site base map. Tile	AP? (Yes/No) If no, indicate laboratory information below. AO? (Yes/No) If no, indicate driller information below. Please describe below. It portion of the USGS topographic map showing the site location. This map must be accurately scaled, but does not need to be surveyed. The map
Yes Laboratory as indicated in ACQ. Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ. Name of Well Driller: SCLLR Certification Number: Other variations from ACQAP. Attachments 1. Attach a copy of the relevant must include the following: North Arrow	AP? (Yes/No) If no, indicate laboratory information below. AAO? (Yes/No) If no, indicate driller information below. Please describe below. t portion of the USGS topographic map showing the site location. his map must be accurately scaled, but does not need to be surveyed. The map
Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ Name of Well Driller: SCLLR Certification Number: Other variations from ACQAP. Attachments 1. Attach a copy of the relevant must include the following: North Arrow Location of property lines	AP? (Yes/No) If no, indicate laboratory information below. AO? (Yes/No) If no, indicate driller information below. Please describe below. If portion of the USGS topographic map showing the site location. It is map must be accurately scaled, but does not need to be surveyed. The map and address, UST permit number, and bar scaled.
Yes Laboratory as indicated in ACQ. Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ. Name of Well Driller: SCLLR Certification Number: Other variations from ACQAP. Other variations from ACQAP. Prepare a site base map. To must include the following: North Arrow Location of property lines Location of buildings	AP? (Yes/No) If no, indicate laboratory information below. AO? (Yes/No) If no, indicate driller information below. Please describe below. It portion of the USGS topographic map showing the site location. This map must be accurately scaled, but does not need to be surveyed. The map below are proposed monitoring well locations Legend with facility name and address, UST permit number, and bar scales or highways (indicate names and numbers)
Yes Laboratory as indicated in ACQ. Name of Laboratory: SCDHEC Certification Number Name of Laboratory Director: Well Driller as indicated in ACQ. Name of Well Driller: SCLLR Certification Number: Other variations from ACQAP. Other variations from ACQAP. Attachments 1. Attach a copy of the relevant must include the following: North Arrow Location of property lines	AP? (Yes/No) If no, indicate laboratory information below. AO? (Yes/No) If no, indicate driller information below. Please describe below. It portion of the USGS topographic map showing the site location. This map must be accurately scaled, but does not need to be surveyed. The map proposed monitoring well locations Legend with facility name and address, UST permit number, and bar scales or highways (indicate names and numbers) Location of all present and former ASTs and USTs to the surveyed and potential receptors



