

HEALTH AND SAFETY PLAN FORM

TN&Associates Health and Safety Program

*This document is for the exclusive
use of TN&Associates its subcontractors, and EPA.*

TN & ASSOCIATES

Site Name: VanTran Electronics

PROJECT NAME: VanTran Electronics
PROJECT#: 2005148, task 1180
LOCATION: 1600 Midville Rd (GA Hwy 117)
Louisville, GA

DATE: 31-Oct-08

CLIENT: USEPA
EPA CONTACT/PHONE #: Leo Francendese
LOCAL/SITE CONTACT PHONE #: 404-562-8772

INCIDENT DESCRIPTION:

PCB transformers have contaminated soil and possible groundwater.
Transformers may be present underground.

SOURCE OF PRELIMINARY

INFORMATION: Site Inspection from GADEP

ANTICIPATED TASKS:

(e.g. collect surface soil samples):

A Geoprobe™ with Direct Push Technology (DPT) will be used to advance 50 soil borings on site to a maximum depth of 16 feet bgs. START will conduct field screening analysis of PCBs using immunoassay kits. Samples will be submitted to a CLP laboratory for the analysis of inorganic and organic contaminants including PCBs.

TYPE: Check as many as applicable

Active	<input type="checkbox"/>	Landfill	<input type="checkbox"/>	Spill	<input type="checkbox"/>
Inactive	<input checked="" type="checkbox"/>	Uncontrolled	<input type="checkbox"/>	Fire	<input type="checkbox"/>
Secure	<input type="checkbox"/>	Industrial	<input checked="" type="checkbox"/>	Military	<input type="checkbox"/>
Unsecure	<input type="checkbox"/>	Recovery	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Enclosed space	<input type="checkbox"/>	Well Field	<input type="checkbox"/>	Other (specify)	<input type="checkbox"/>

DESCRIPTION AND FEATURES:

Include principal operations and unusual features (containers, buildings, dikes, power lines, hillslopes, rivers, etc.)

The 11.36-acre site is located at 1600 Georgia Highway 17, at the southwest corner of the intersection of Georgia Highway 17 and Airport Road, less than 2,000 feet north of the single runway comprising the Louisville Municipal Airport in Louisville, Jefferson County, Georgia. The geographical coordinates for the site are 32° 59' 28.3" North Latitude and 82° 23' 10.0" West Longitude, as measured from the center of the site. The dominant feature of the site is the original rectangular single story building measuring 161 feet by 226 feet (36,386 square feet). An approximate 4,000 square feet addition was added sometime in the late 1970s to the early 1980s. The single story addition is contiguous to the west wall of the original building and was built 30 feet high to facilitate operation of an overhead crane.

SURROUNDING POPULATION: ☐ Residential ☒ Industrial ☐ Commercial ☐ Rural ☐ Urban ☐ Other:

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HISTORY:*Summarize conditions that relate to hazard. Include citizen complaints, spills, previous investigations or agency actions, known injuries, etc.*

From 1970 until sometime in 1973, Van Tran manufactured polychlorinated biphenyl (PCB) containing transformers on-site. Various on-site processes related to the manufacturing of transformers included painting, baking and annealing in ovens, welding, the winding of core/coils and assembly. Transformer manufacturing processes were ceased in 1973, however, Van Tran refurbished used transformers on-site until sometime prior to 1987. On July 8, 1981, EPA collected soil samples on-site for laboratory analysis. Analytical results indicated PCBs at a highest concentration of 660 parts per million (ppm). At that time, Van Tran acknowledged that in the past, PCB contaminated transformer oil may have been applied to the ground surface to suppress dust. Additionally, the EPA documented that water and sediment contaminated with PCBs were routinely drained to the ground surface from a bulk tank located behind the building.

WASTE TYPES: (X) Liquid (X) Solid () Sludge () Gas () Unknown () Other:**WASTE CHARACTERISTICS:** *Check as many as applicable.*

(X) Corrosive (X) Flammable () Radioactive

(X) Toxic (X) Volatile (X) Reactive

() Inert Gas () Unknown () Other, Specify: _____

WORK ZONES:*Describe the Exclusion, Contamination Reduction, and Support
Zones in terms on-site personnel will recognize*

The work zone (exclusion zone) will be the area of concern where sampling will take place. The exact extent of the exclusion zone will be determined on site.

HAZARDS OF CONCERN:

() Heat Stress *attach guidelines* () Noise
() Cold Stress *attach guidelines* (X) Inorganic Chemicals
() Explosive/Flammable (X) Organic Chemicals
() Oxygen Deficient () Motorized Traffic
() Radiological () Heavy Machinery
() Biological (X) Slips, Trips, & Falls
() Other, Specify: _____

**FACILITY'S PAST AND PRESENT DISPOSAL METHODS
AND PRACTICES:**

Unknown

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TN&Associates Health and Safety Program		Site Name: VanTran Electronics			
HAZARDOUS MATERIAL SUMMARY: <i>Circle waste type and estimate amounts by category.</i>					
CHEMICALS: <i>Amount/Units:</i>	SOLIDS: <i>Amount/Units:</i>	SLUDGES: <i>Amount/Units:</i>	SOLVENTS: <i>Amount/Units:</i>	OILS: <i>Amount/Units:</i>	OTHER: <i>Amount/Units:</i>
Halogens	Metals		Halogenated Chloro	Polynuclear Aromatics	
Dioxins			Hydrocarbons	Lubricants	
				PCBs	
				Mineral Oils	
OVERALL HAZARD EVALUATION: () High (X) Medium () Low () Unknown JUSTIFICATION:					
FIRE/EXPLOSION POTENTIAL: () High () Medium (X) Low () Unknown					
INFORMATION COMPLETE: () Complete () Incomplete (X) Best Available at Current Time					

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Site Name: VanTran Electronics

KNOWN CONTAMINANTS	NIOSH REL (ST if Available) ppm or mg/m ³ (specify)	OSHA PEL (ST if Available) ppm or mg/m ³ (specify)	IDLH ppm or mg/m ³ (specify)	SYMPTOMS & EFFECTS OF ACUTE EXPOSURE	PHOTO IONIZATION POTENTIAL
Benzene	Ca TWA 0.1 ppm ST 1 ppm	TWA 1 ppm ST 5 ppm	500 ppm	Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude (weakness, exhaustion); dermatitis; bone marrow depression; [potential occupational carcinogen]	9.24 eV
PCB	Ca TWA 0.001 mg/m ³	TWA 0.5 mg/m ³	5 mg/m ³	Irritation eyes, chloracne; liver damage; reproductive effects; [potential occupational carcinogen]	N/A
NA = Not Available NE = None Established U = Unknown Attach, to this plan, an MSDS for each chemical you will use at the site.					
S = Soil	SW = Surface Water	T = Tailings	W = Waste	SD = Sediment	
A = Air	GW = Ground Water	SL = Sludge	D = Drums	OFF = Off-Site	

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Site Name: VanTran Electronics

Task Description / PPE / Personnel & Responsibilities				(attach additional sheets as necessary)	
Task 1	Soil and Water Sampling			Type	Hazard Schedule
Description				Non-Intrusive	Med
Primary Level	Respiratory: _____	Contingency Level	Respiratory: Full-face respirator		
D	Eyewear: Safety Glasses	C	Eyewear: Safety Glasses		
	Boots: Steel-Toe	Modified	Boots: Steel-Toe		
	Gloves: Outer: nitrile or latex		Gloves: Outer: nitrile or latex		
PPE:	Clothing: Tyvek Coverall	PPE:	Clothing: Tyvek Coverall		
Task 2	PCB and PID/FID Screening			Type	Hazard Schedule
Description				Non-Intrusive	Low
Primary Level	Respiratory: _____	Contingency Level	Respiratory: Full-face respirator		
D	Eyewear: Safety Glasses	C	Eyewear: Safety Glasses		
	Boots: Steel-Toe		Boots: Steel-Toe		
	Gloves: Outer: nitrile or latex		Gloves: Outer: nitrile or latex		
PPE:	Clothing: Tyvek Coverall	PPE:	Clothing: Tyvek Coverall		
Task 3				Type	Hazard Schedule
Description					
Primary Level	Respiratory: _____	Contingency Level	Respiratory: _____		
	Eyewear: _____		Eyewear: _____		
	Boots: _____		Boots: _____		
	Gloves: _____		Gloves: _____		
PPE:	Clothing: _____	PPE:	Clothing: _____		
Task 4				Type	Hazard Schedule
Description					
Primary Level	Respiratory: _____	Contingency Level	Respiratory: _____		
	Eyewear: _____		Eyewear: _____		
	Boots: _____		Boots: _____		
	Gloves: _____		Gloves: _____		
PPE:	Clothing: _____	PPE:	Clothing: _____		
PERSONNEL AND RESPONSIBILITIES					
Name	Company/Agency	Training	Responsibilities		
Russell Henderson	TN&A	40hr HAZWOPER, 8-hr refresher	Field Team Leader		
Leland Meadows	TN&A	40hr HAZWOPER, 8-hr refresher	Sampler		
Limari Krebs	TN&A	40hr HAZWOPER	Forms II Lite		
Nairimer Berrios-Cartagena	TN&A	40hr HAZWOPER	Sampler		

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TN & Associates Health and Safety Program				Site Name: VanTran Electronics
Monitoring Equipment:		Specify by task. Indicate type as necessary. Attach additional sheets if needed.		
Tasks: 2	Instrument: Flame Ionization Detector TVA 1000 FID/PID analyzer	Level: 75 ppm FID 75 ppm FID 	Action Guidelines: 	Comments:
Tasks: 2	Instrument: Immunoassay kits	Level: 0.5 - 10 ppm 	Action Guidelines: 	Comments:
Tasks:	Instrument:	Level:	Action Guidelines:	Comments:
Tasks:	Instrument:	Level:	Action Guidelines:	Comments:
Tasks:	Instrument:	Level:	Action Guidelines:	Comments:
Tasks:	Instrument:	Level:	Action Guidelines:	Comments:
Tasks:	Instrument:	Level:	Action Guidelines:	Comments:

HEALTH AND SAFETY PLAN FORM**TN&Associates Health and Safety Program***This document is for the exclusive use of TN&Associates its subcontractors, and EPA.***TN & ASSOCIATES****Site Name: VanTran Electronics****EMERGENCY CONTACTS**

Site Telephone

EPA Release Report #

TN&Assoc 24-Hr Emergency # 678-255-5524

Facility Management

Other (specify)

CHEMTREC Emergency #: 1-800-424-9300

CONTINGENCY PLANS: Summarize below

Contact START Program Manager Greg Kowalski (678-255-5524) or corporate Health and Safety officer, William Fink, at 414-234-7845 or Ron Bugg at (312 296-9186)

EMERGENCY CONTACTS**NAME****PHONE**

Health and Safety Manager

Bill Fink

414-234-7845

Project Manager

Greg Kowalski

678-255-5524

Site Safety Coordinator

Jorge Sanchez

678-255-5538

Client Contact (EPA RPM)

Leo Francendese

404-562-8772

Other (EPA HRS coordinator)

State Agency

GADEP

State Spill Number

Fire Department

911

Police Department

911

State Police

911

Health Department

Poison Control Center

800-848-6946

Occupational Physician

Dr. Jerry Berke.

800-350-4511

Health Resources

MEDICAL EMERGENCY**PHONE**

Hospital Name:

Jefferson Hospital

(478) 625-7000

Hospital Address

1067 Peachtree St, Louisville, GA 30434

Name of Contact at Hospital:

N/A

Name of 24-Hour Ambulance:

911

Route to Hospital:

(see attached sheet)

HEALTH AND SAFETY PLAN APPROVALS

Prepared by

DHSC Signature

HSM Signature

Date

Date

Date

10/31/08

10/31/08

10/31/08

Distance to Hospital

2.6 miles

HEALTH AND SAFETY PLAN SIGNATURE FORM

TN & Associates Health and Safety Program

All site personnel must sign this form indicating receipt of the H&SP. Keep this original on site. It becomes part of the permanent project files. Send a copy to the Health and Safety Manager (HSM).

SITE NAME/NUMBER: VanTran Electronics, 2005148, 1180

DIVISION/LOCATION: TN & Associates, Marietta, GA.

DATE: 31-Oct-08

I understand, and agree to comply with, the provisions of the above referenced H&SP for work activities on this project. I agree to report any injuries, illnesses or exposure incidents to the site Health and Safety Coordinator (SHSC). I agree to inform the SHSC about any drugs (legal and illegal) that I take within three days of site work.

PRINTED NAME	SIGNATURE	DATE
Russell Henderson		31-Oct-08
Leland Meadows		31-Oct-08
Nairimer Berrios-Cartagena		31-Oct-08
Limari Krebs		31-Oct-08

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Site Name:

DECONTAMINATION PROCEDURES**ATTACH SITE MAP INDICATING EXCLUSION, DECONTAMINATION, AND SUPPORT ZONES**

Maximum Measures for Level A Decontamination					
Station 1	Segregated Equipment Drop	1. Deposit equipment used on site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths or in different containers with plastic liners. Segregation at the drop reduces the probability of cross-contamination. During hot weather operations, cool down stations may be set up in this area.	Station 17	Inner Clothing Removal	17. Remove inner clothing. Place in container with plastic liner. Do not wear inner clothing off-site since there is a possibility that small amounts of contaminants might have been transferred in removing the fully-encapsulated suit.
Station 2	Boot Cover / Glove Wash	2. Scrub outer boot covers and gloves with decon solution or detergent and water.	Station 18	Field Wash	18. Shower if highly toxic, skin corrosive or skin absorbable materials are known or suspected to be present. Wash hands and face if shower is not available.
Station 3	Boot Cover / Glove Rinse	3. Rinse off decon solution from station 2 using copious amounts of water.			
Station 4	Tape Removal	4. Remove tape around boots and gloves and deposit in container with plastic liner.	Station 19	Redress	19. Put on clean clothes.
Station 5	Boot Cover Removal	5. Remove boot covers and deposit in container with plastic liner.	Minimum Measures for Level A Decontamination		
Station 6	Outer Glove Removal	6. Remove outer gloves and deposit in container with plastic liner.	Station 1	Equipment Drop	1. Deposit equipment used on site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths or in different containers with plastic liners. Segregation at the drop reduces the probability of cross-contamination. During hot weather operations, cool down stations may be set up in this area.
Station 7	Suit and Boot Wash	7. Wash encapsulating suit and boots using scrub brush and decon solution and detergent/water. Repeat as many times as necessary.	Station 2	OG, Boots, and Gloves Wash and Rinse	2. Scrub outer boots, outer gloves and fully-encapsulating suit with decon solution or detergent water. Rinse off using copious amounts of water.
Station 8	Suit and Boot	8. Rinse off decon solution using copious amounts of water. Repeat as many times as necessary.			
Station 9	Tank Change	9. If an air tank change is desired, this is the last step of the decontamination procedure. Worker's air tank is exchanged, new outer gloves and boot covers donned and joints taped. Worker returns to duty.	Station 3	OB and Glove Removal	3. Removal outer boots and gloves. Deposit in container with plastic liner.
Station 10	Safety Boot Removal	10. Remove safety boots and deposit in container with plastic liner.	Station 4	Tank Change	4. If worker leaves exclusion zone to change air tank, this is the last step of the decontamination procedure. Worker's air tank is exchanged, new outer gloves and boot covers donned and joints taped. Worker returns to duty.
Station 11	Fully Encapsulating Suit and Hard Hat Removal	11. Fully encapsulated suit is removed with assistance of a helper and laid out on a drop cloth or hung up. Hard hat is removed. Hot weather rest station may be set up within this area for personnel returning to the site.	Station 5	Boot, Gloves, and OG Removal	5. Boots, chemical-resistant splash suit, inner gloves removed and deposited in container with plastic liner.
Station 12	SCBA Backpack Removal	12. While still wearing facepiece, remove backpack and place on table. Disconnect hose from regulator valve and proceed to next station.	Station 6	SCBA Removal	6. SCBA backpack and face piece is removed. Avoid touching face with fingers. SCBA is deposited on plastic sheets.
Station 13	Inner Glove Wash	13. Wash with decon solution that will not harm the skin. Repeat as many times as necessary.	Station 7	Field Wash	7. Hands and face are thoroughly washed. Shower as soon as possible.
Station 14	Inner Glove Rinse	14. Rinse inner gloves with water. Repeat as many times as necessary.			
Station 15	Face Piece Removal	15. Remove face piece. Deposit in container with plastic liner. Avoid touching face with fingers.			
Station 16	Inner Glove Removal	16. Remove inner gloves and deposit in container with plastic liner.			

OG = Outer Garment

OB = Outer Boot

Maximum Measures for Level B Decontamination

Station 1	Segregated Equipment Drop	1. Deposit equipment used on site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths or in different containers with plastic liners. Segregation at the drop reduces the probability of cross-contamination. During hot weather operations, cool down stations may be set up in this area.	Station 18	Field Wash	18. Shower if highly toxic, skin corrosive or skin absorbable materials are known or suspected to be present. Wash hands and face if shower is not available.
Station 2	Boot Cover / Glove Wash	2. Scrub outer boot covers and gloves with decon solution or detergent and water.	Station 19	Redress	19. Put on clean clothes.
Station 3	Boot Cover / Glove Rinse	3. Rinse off decon solution from station 2 using copious amounts of water.	Minimum Measures for Level B Decontamination		
Station 4	Tape Removal	4. Remove tape around boots and gloves and deposit in container with plastic liner.			
Station 5	Boot Cover Removal	5. Remove boot covers and deposit in container with plastic liner.	Station 1	Equipment Drop	1. Deposit equipment used on site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths or in different containers with plastic liners. Segregation at the drop reduces the probability of cross-contamination. During hot weather operations, cool down stations may be set up in this area.
Station 6	Outer Glove Removal	6. Remove outer gloves and deposit in container with plastic liner.	Station 2	OG, Boots, Gloves Wash and Rinse	2. Scrub outer boots, outer gloves and chemical resistant splash suit with decon solution or detergent water. Rinse off using copious amounts of water.
Station 7	Suit and Safety Boot Wash	7. Wash chemical resistant splash suit, SCBA, gloves and safety boots. Scrub with long handle scrub brush and decon solution. Wrap SCBA regulator (if belt mounted type) with plastic to keep out of water. Wash back pack assembly with sponges or cloth.	Station 3	Outer Boot and Glove Removal	3. Removal outer boots and gloves. Deposit in container with plastic liner.
Station 8	Suit, SCBA, Boot and Glove Rinse	8. Rinse off decon solution using copious amounts of water.	Station 4	Tank Change	4. If worker leaves exclusion zone to change air tank, this is the last step of the decontamination procedure. Worker's air tank is exchanged, new outer gloves and boot covers donned and joints taped. Worker returns to duty.
Station 9	Tank Change	9. If worker leaves exclusion zone to change air tank, this is the last step of the decontamination procedure. Worker's air tank is exchanged, new outer gloves and boot covers donned and joints taped. Worker returns to duty.	Station 5	Boot, Gloves and OG Removal	5. Boots, chemical-resistant splash suit, inner gloves removed and deposited in container with plastic liner.
Station 10	Safety Boot Removal	10. Remove safety boots and deposit in container with plastic liner.	Station 6	SCBA Removal	6. SCBA backpack and face piece is removed. Avoid touching face with fingers. SCBA is deposited on plastic sheets.
Station 11	SCBA Backpack Removal	11. While still wearing face piece, remove backpack and place on table. Disconnect hose from regulator valve.	Station 7	Field Wash	7. Hands and face are thoroughly washed. Shower as soon as possible.
Station 12	Splash Suit Removal	12. With assistance of helper, remove splash suit. Deposit in container with plastic liner.	OG = Outer Garment		
Station 13	Inner Glove Wash	13. Wash inner gloves with decon solution.			
Station 14	Inner Glove Rinse	14. Rinse inner gloves with water.			
Station 15	Face Piece Removal	15. Remove face piece. Deposit in container with plastic liner. Avoid touching face with fingers.			
Station 16	Inner Glove Removal	16. Remove inner gloves and deposit in container with plastic liner.	Decontamination Appendix Page 2 of 4		
Station 17	Inner Clothing Removal	17. Remove inner clothing. Place in container with plastic liner. Do not wear inner clothing off-site since there is a possibility that small amounts of contaminants might have been transferred in removing the fully-encapsulated suit.			

Maximum Measures for Level C Decontamination			Minimum Measures for Level C Decontamination		
Station 1	Segregated Equipment Drop	1. Deposit equipment used on site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths or in different containers with plastic liners. Segregation at the drop reduces the probability of cross-contamination. During hot weather operations, cool down stations may be set up in this area.	Station 1	Equipment Drop	1. Deposit equipment used on site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths or in different containers with plastic liners. Segregation at the drop reduces the probability of cross-contamination. During hot weather operations, cool down stations may be set up in this area.
Station 2	Boot Cover / Glove Wash	2. Scrub outer boot covers and gloves with decon solution or detergent and water.	Station 2	OG, Boots, and Gloves Wash and Rinse	2. Scrub outer boots, outer gloves and chemical resistant splash suit with decon solution or detergent water. Rinse off using copious amounts of water.
Station 3	Boot Cover / Glove Rinse	3. Rinse off decon solution from station 2 using copious amounts of water.	Station 3	OB and Glove Removal	3. Removal outer boots and gloves. Deposit in container with plastic liner.
Station 4	Tape Removal	4. Remove tape around boots and gloves and deposit in container with plastic liner.	Station 4	Canister or Mask Change	4. If worker leaves exclusion zone to change canister (or mask), this is the last step of the decontamination procedure. Worker's canister (or mask) is exchanged, new outer gloves and boot covers donned and joints taped. Worker returns to duty.
Station 5	Boot Cover Removal	5. Remove boot covers and deposit in container with plastic liner.	Station 5	Boot, Gloves and OG	5. Boots, chemical-resistant splash suit, inner gloves removed and deposited in container with plastic liner.
Station 6	Outer Glove Removal	6. Remove outer gloves and deposit in container with plastic liner.	Station 6	Face Piece Removal	6. Face piece is removed. Avoid touching face with fingers. Face piece is deposited on plastic sheet.
Station 7	Suit and Boot Wash	7. Wash splash suit, gloves and safety boots. Scrub with long handle scrub brush and decon solution.	Station 7	Field Wash	7. Hands and face are thoroughly washed. Shower as soon as possible.
Station 8	Suit, Boot and Glove Rinse	8. Rinse off decon solution using copious amounts of water.			
Station 9	Canister or Mask Change	9. If worker leaves exclusion zone to change canister (or mask), this is the last step of the decontamination procedure. Worker's canister (or mask) is exchanged, new outer gloves and boot covers donned and joints taped. Worker returns to duty.			
Station 10	Safety Boot Removal	10. Remove safety boots and deposit in container with plastic liner.			
Station 11	Splash Suit Removal	11. With assistance of helper, remove splash suit. Deposit in container with plastic liner.			
Station 12	Inner Glove Wash	12. Wash inner gloves with decon solution.			
Station 13	Inner Glove Rinse	13. Rinse inner gloves with water.			
Station 14	Face Piece Removal	14. Remove face piece. Deposit in container with plastic liner. Avoid touching face with fingers.			
Station 15	Inner Glove Removal	15. Remove inner gloves and deposit in container with plastic liner.			
Station 16	Inner Clothing Removal	16. Remove inner clothing soaked with perspiration and place in container with plastic liner. Do not wear inner clothing off-site since there is a possibility that small amounts of contaminants might have been transferred in removing the fully-encapsulated suit.			
Station 17	Field Wash	17. Shower if highly toxic, skin corrosive or skin absorbable materials are known or suspected to be present. Wash hands and face if shower is not available.			
Station 18	Redress	18. Put on clean clothes.			

OG = Outer Garment

OB = Outer Boot

Minimum Measures for Level D Decontamination			Containment and Disposal Method
Station 1	Equipment Drop	1. Deposit equipment used on site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths or in different containers with plastic liners. Segregation at the drop reduces the probability of cross-contamination. During hot weather operations, cool down stations may be set up in this area.	The decontamination rinsate will be collected, packaged in drums and temporarily stored at the site. After analytical results are available, the waste will be profiled and transported under appropriate documentation for disposal in accordance with applicable law and regulations. The PPE will be collected and bagged for disposal as a solid waste. If spills should occur, prompt cleanup with dedicated equipment from onsite spill response inventory will be used.
Station 2	OG, Boots, Gloves Wash and Rinse	2. Scrub outer boots, outer gloves and chemical resistant splash suit with decon solution or detergent water. Rinse off using copious amounts of water.	
Station 3	OB and Glove Removal	3. Removal outer boots and gloves. Deposit in container with plastic liner.	
Station 4	Boot, Gloves, OG Removal	5. Boots, chemical-resistant splash suit, inner gloves removed and deposited in container with plastic liner.	Medical Emergency Decontamination Procedures The following procedures are to be used for providing emergency medical treatment to personnel sustaining injury while working in the exclusion area of the site. The procedures are to be used by site/safety personnel, emergency medical staff/ambulance crewmembers, and hospital emergency room staff ONLY when the nature of the medical emergency supersedes SOPs for chemical decontamination when exiting the exclusion area. Although specific contaminants, by nature, must be dealt with on a case-by-case basis, the following procedures generally will be followed.
Station 5	Field Wash	7. Hands and face are thoroughly washed. Shower as soon as possible.	
OG = Outer Garment OB = Outer Boot			
Sampling Equipment Decontamination			Injury Involving Potential for Contact with Contaminated Clothing and Skin An initial assessment of the injured person will be performed first, to determine if the employee has suffered a spinal/head injury. Potential spinal/head injuries may require some PPE to be left on the injured employee. However, emergency decontamination procedures must be used to remove as much potential contamination as possible. If the initial assessment does not provide evidence of a spinal/head injury, all protective clothing (hard hat, outer boots, and gloves) will be removed by personnel at the site before the injured person is transferred to an ambulance. This can be performed anywhere on the site although when at all possible, it should be performed in the CRZ. Contaminated protective clothing must be cut off to prevent cross contamination. Emergency clothing removal and decontamination of potentially contaminated skin expedites decontamination of the injured person in the CRZ and prevents contamination of emergency vehicles, emergency staff, and emergency room facilities. Pre-surgery preparation for the injured person would consist of normal soap and water rinsing and is conducted by EMS personnel.
All equipment will be cleaned prior to entering the Site. Equipment will be tripled rinse consisting of non-phosphate detergent and tap water solution, rinse with potable water, and rinse with de-ionized water. If soap and water alone cannot remove contamination, additional procedures may be used such as steam cleaning.			
Heavy Equipment Decontamination			
All equipment will be cleaned prior to entering the Site. All vehicles and heavy equipment used in the EZ will be decontaminated in the CRZ and inspected prior to leaving the site. A Certification of Decontamination form will be included in the daily safety log. All vehicles and equipment will be decontaminated according to the procedures described below: Vehicles and heavy equipment contaminated with Contaminates of Concern (COCs) from the site excavation activities will be placed on a decontamination pad and sprayed down with a pressure washer. This pad will be constructed as a banded liner and equipped with a pump and suitable container for waste water generated from the equipment decontamination process. Solids and fines that cannot be pumped will be shoveled from the liner following spraying down of vehicles and equipment and transported to appropriate soil stockpiles on-site. Personnel engaged in decontamination will be in a rain suit, hardhat equipped with a face shield, with shin guards to protect from the blast and overspray of the pressure washer used for heavy equipment decontamination.			

Decontamination Appendix Page 4 of 4



Directions to 1067 Peachtree St, Louisville, GA 30434

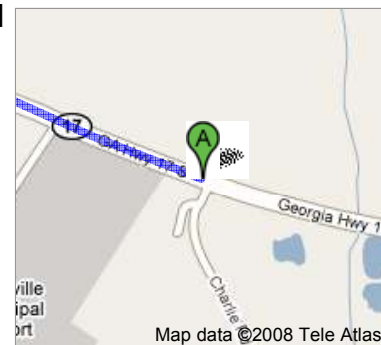
2.6 mi – about 7 mins



1600 GA Highway 17 S
Louisville, GA 30434



- 17** 1. Head **west** on **GA-17/US-1** toward **Access Rd To Airport**
About 2 mins



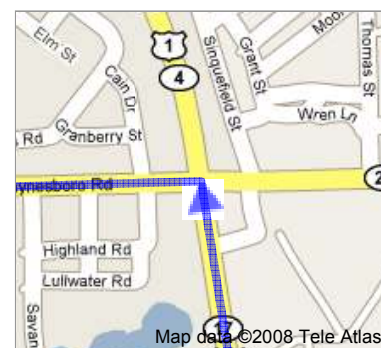
go 0.9 mi
total 0.9 mi

- 17** 2. Turn **right** at **GA-17/GA-4/US-1**
About 1 min



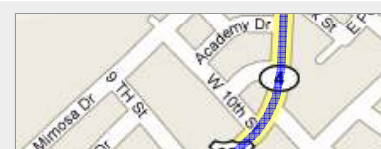
go 0.5 mi
total 1.4 mi

- 24** 3. Turn **left** at **GA-24/Waynesboro Rd**
Continue to follow GA-24
About 2 mins



go 0.7 mi
total 2.1 mi

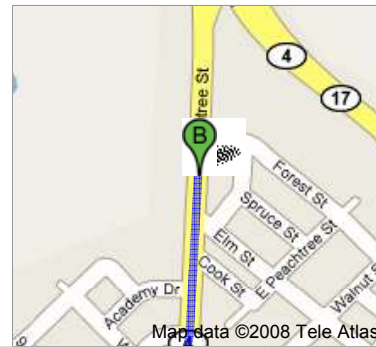
- 1** 4. Turn **right** at **1/GA-4/Peachtree St/US-221**
About 2 mins



go 0.4 mi
total 2.6 mi



Jefferson Hospital
1067 Peachtree St, Louisville, GA 30434



These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

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