Highland Plaza Tonawanda, New York

Supplemental Phase II Investigation 215 Highland Parkway Tonawanda, New York BCP # C915293

Supplemental Phase II Investigation

HEALTH AND SAFETY PLAN

Prepared For:

Highland Plaza 215 Highland Parkway York 14127

Prepared By:

Environmental & Geologic Management Services, LLC

EGMS

15 Briar Hill Road Orchard Park, New York

February 2015

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EGMS SITE

EGMS SITE SAFETY PLAN

	A. GENERAL I	NFORMATION	
Project Title:	Highland Plaza Town of Tonawanda BCP Program # C915293 Supplemental Phase II Invest	Project No. <u>I</u> igation Work Plan	HP 02 -15 - 1 _
Project Manager:	N. K. Wohlabaugh, PG, CPG	Project Director:	<u>Same</u>
Location:	2 <u>15 Highland Parkway</u> Tonawanda, Erie County, Nev	w York	
Prepared by: Revised by:	N. K. Wohlabaugh, PG, CPG	Date Prepared: Date Revised:	February 2015
Approved by:		Date Approved:	

Scope/Objective of Work: Investigation activities at the Site include advancing soil borings, installing monitoring wells to sample the groundwater and soil to further delineate the Site and collection of soil vapor and ambient air samples with the Site building to provide sufficient information to adequately evaluate all remedial alternatives. Additional activities may include stabilization and/or disposal of contaminated soil and groundwater.

- Task 1: Site Preparation;
- Task 2: Advance Soil Borings/Collect Soil Samples;
- Task 3: Install Groundwater Monitoring Wells/Collect Groundwater Samples; and
- Task 4: Collect Soil Vapor and Ambient Indoor Air Samples

EGMS will provide all necessary labor, equipment, materials, temporary site controls, facilities, and utilities as required to complete the work described in the Supplemental Phase II Investigation Work Plan. It is anticipated that airborne levels of VOCs and dust particulates will be minimal at near surface soil elevations.

Site investigation activities will be managed by EGMS throughout the duration of the field work. The requirements of the HASP shall be in effect from initial site mobilization through final demobilization. The requirements of this HASP including modification to standard operating procedures, engineering controls and levels of personal protective equipment that may be required during this project are based upon changing site conditions, the availability of data, personal sampling results and environmental monitoring. Such changes will be published as a revision to this document and will be distributed to the Owner and affected employees.

Proposed Date of Field Activities:	Summer 201	<u>5</u>	
Background Information:	[X] Complete * Background info	[X]* Preliminary (limited analytical data) ormation provided by NYSDEC and City of Rochester	
Overall Chemical Hazard:	[] Serious [] Low	[X] Moderate [] Unknown	
Overall Physical Hazard:	[] Serious []Low	[X] Moderate [] Unknown	
	B. SITE/WASTE CHA	ARACTERISTICS	
Waste Type(s): [X] Liquid	[X] Solid [] SI	ludge [] Gas/Vapor	
Characteristic(s):			

[] Flammable/Ignitable	[X] Vo	latile	[] Corrosive	[] Acutely Toxic
[] Explosive (moderate)[]	Reactive	[X] Ca	ırcinogen	[] Radioactive
Other:				

Physical Hazards:		
[] Overhead	[] Confined Space [] Below Grade	[X] Trip/Fall
[X] Puncture	[X] Burn [X] Cut	[X] Splash
[X] Noise	[X] Other: <u>Heat Stress/Cold Stress</u>	

Site History/Description and Unusual Features:

The Site consists of a strip plaza for commercial usage that was built in the 1950's. It has been primarily occupied by commercial businesses since it was built, most of whom have not generated wastes that were considered hazardous, with the exception of a dry cleaner that was located at the eastern end of the building.

Locations of Chemicals/Wastes: Soil, and/or groundwater.

Estimated Volume of Chemicals/Wastes: Unknown.

Site Currently in Operation: [X] Yes[] No [] Not Applicable

C. HAZARD EVALUATION

TASK	HAZARD(S)	HAZARD PREVENTION
Tasks 1-4	General physical hazards associated with	Hard hats, eye protection, and steel-toed
	drill rig and Geoprobe operations	boots required at all times while working
	(spinning, augers, overhead equipment,	around drill rig. Hearing protection required
	noise, and, drill rig movement). Physical	during sampling (hammering). Keep safe
	hazards also associated with demolition	distance from rig and all moving parts.
	Contact with or inhalation of contaminants,	To minimize exposure to chemical
	potentially in high concentration in sampling	contaminants, a thorough review of
	media and/or fire and explosion.	suspected contaminants should be
		completed and implementation of an
		adequate protection program. Under-
		ground vaults to be ventilated during
		inspections.
	Contact with or inhalation of	Material Safety Data Sheets for all decon
	decontamination solutions.	solutions. First aid equipment available.
	Overhead Hazards/ Falling Objects	See Appendix B
	Back strain and muscle fatigue, ergonomic	Use proper lifting techniques and limitload
	stress due to lifting.	to prevent back strain.
	Heat stress/ cold stress exposure	Implement heat stress management
		techniques such as shifting work hours,
		increasing fluid intake, and monitoring
		employees. See Appendix A.
	Slip/ tripping/ fall	Observe terrain and drilling equipment
		while walking to minimize slips and falls.
		Steel-toed boots provide additional support
		and stability. Use adequate lighting.
		Inspect Site and mark existing hazards.
	Noise	See Appendix B
	Sunburn	Apply sunscreen, wear appropriate clothing
	Utility Lines	See Appendix B
	Weather Extremes	Establish Site-specific contingencies for
		severe weather situations. Discontinue
	I	work in severe weather.

Physical Hazard Evaluation: Basic health and safety protection (steel-toed boots, work clothes, and safety glasses or goggles) will be worn by all personnel at all times. Any allergies should be reported to the Site Safety Officer prior to the start of the project.

D. SITE SAFETY WORK PLAN

Site Control: Site perimeter is open and not fully secure.

Perimeter Identified?	[Y]	Site Secured?		[N]
Work Areas Designated?	[Y]	Zone(s) of contar	nination identified?	[Y]
Anticipated Level of Protect	tion (cross-refe	rence task numbe	rs in Section C):	
	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
Tasks 1-4			Available	X

All Site work will be performed at Level D (steel-toed boots, work clothes, eye protection, gloves and hard hats) unless monitoring indicates otherwise. Gloves will be worn if contact with Site soil, sediment or water is anticipated, due to concerns of chlorinated solvents contamination. Level C will be available, and used when indicated by photoionizaton detector (PID) of 5 parts per million (ppm) or greater above ambient air.

Air Monitoring:

<u>Contaminant</u>	Monitoring Device	<u>Frequency</u>
Organic Vapors	MiniRAE 2000 PID	Continuous

Perimeter air monitoring for VOCs will be performed as described in the New York State Department of Health (NYSDOH) GenericCommunity Air Monitoring Plan (CAMP) (Appendix B of the RI/IRM Work Plan Addendum).

EGMS will also conduct continuous air monitoring of worker breathing zone air during intrusive investigations. If action levels are exceeded during intrusive investigation, appropriate precautions will be taken, as described below.

Action Levels:

PID readings of **5 ppm** above background in the breathing zone or greater, sustained for greater than 1 minute

Action: Halt work activities and move away from the vapor source. Consider upgrading to Modified Level D protection (air purifying respirator). If PID readings drop to within 5 ppm above background, work may resume with continuous air monitoring.

PID readings of 5 ppm to <25 ppm above background at breathing zone, sustained for greater than 1 minute

Action: Upgrade to Modified Level D protection.

PID readings of **>25 ppm** above background at breathing zone, sustained for greater than 1 minute

Action: Stop work.

All air monitoring results as well as wind direction and speed (estimates) will be documented in the Site specific log book.

Decontamination Solutions and Procedures for Equipment, Sampling Gear, etc.:

Disposable sampling equipment will be used where possible. If decon is necessary, distilled or deionized water and alconox will be used.

Personnel Decon Protocol:

Personal protective clothing will be removed in a manner that will minimize the potential of contaminant to skin contact. Visible contamination will be removed from protective clothing prior to the individual doffing the articles. Soap, water and paper towels will be available for all personnel and will be used before eating, drinking or leaving the Site. Personnel will shower upon return to home or hotel. Disposable personal protection equipment (PPE) will be double-bagged and disposed of as non-hazardous waste.

Decontamination Solution Monitoring Procedures, if Applicable:

All decontamination procedures will take place in a well ventilated area. Decontamination solutions will be collected and sampled for proper disposal.

Special Site Equipment, Facilities or Procedures:

All personnel will be required to maintain the Buddy System at all times. A toilet and potable water will be available on Site. All parties will be required to attend an on-Sitebriefing, which will identify the roles of each organization's personnel and will integrate emergency procedures for all Site participants.

Site Entry Procedures and Special Considerations:

Entry to the Site will be into the parking north of the Site building. The Buddy System should be employed at all times onsite and entering and exiting the Site, along with the work zone areas.

Work Limitations (time of day, weather conditions, etc.) and Heat/Cold Stress Requirements:

All work will be completed during daylights hours. Severe inclement weather may be cause to suspend outdoor activities. Heat stress protocol will dictate work/rest regimen. Heavy

equipment will not be used during electrical storms.

General Spill Control, if Applicable:

Absorbent material will be available to control spills during drilling and sampling activities.

Investigation Derived Material (i.e., Expendables, Decon Waste, Cuttings) Disposal:

It is not anticipated that Investigation Derived Materials will be generated as part of the proposed activities at the Site.

Sampling Handling Procedures Including Protective Wear:

Samples collected from soil and groundwater will be handled with neoprene outer gloves prior to decontamination. At minimum nitrile surgical gloves will be worn while handling samples during labeling, documentation and packaging.

Team Member*	Responsibility
Norm Wohlabaugh	Project Manager
	Site Safety Manager
	Field Team Leader/Geologist
Peter Tarnawskyj, QEP	Quality Assurance
SJB Services	Drilling Services

^{*} All entries into the work zone require "Buddy System" use. All EGMS personnel

E. EMERGENCY INFORMATION

LOCAL RESOURCES

Ambulance:	911
Hospital Emergency Room:	Kenmore Mercy (716) 447-6100
	2950 Elmwood Avenue, Buffalo, New York
Poison Control Center:	911
Police (include local, county sheriff, state):	911
Fire Department:	911
Airport:	N/A
Laboratory:	Paradigm Environmental Services, Inc. (585) 647-2530
UPS/Federal Express:	N/A
SITE	RESOURCES
Site Emergency Evaluation Alarm Method:	Sound vehicle horn.
Water Supply Source:	Gallons of water will be available in vehicles.
Telephone Location, Number:	None available
Cellular Phone, if Available:	(716) 445-2105
Radio:	NA
Other:	NA

EMERGENCY CONTACTS

1.	Fire/Police:	911
2.	Norm Wohlabaugh, Project Manager:	(716) 445-2105
	EMERGENCY ROUTES	;
	Note: Field team must know route(s) pr	ior to start of work.
	m the Site to Strong Memorial Hospital (ma	p on following page):
	Highland parkway (0.4 miles).	
	elaware Road (0.03 miles).	
	onto Princeton Blvd (0.3 miles).	
	onto Delaware Avenue (0.2 miles).	
	enview Avenue (0.3 miles).	<u> </u>
<u>Turn right Elm</u>	wood Avenue, the hospital is at 2950 Elmwo	<u>od Avenue.</u>
On-Site Assen	nbly Area: Corner of Highland Parkway and C	olvin Avenue.
Off-Site Assen	nbly Area: Same.	
Emergency eg	ress routes to get off-Site: N/A .	

APPENDIX A

HEAT STRESS AND COLD EXPOSURE

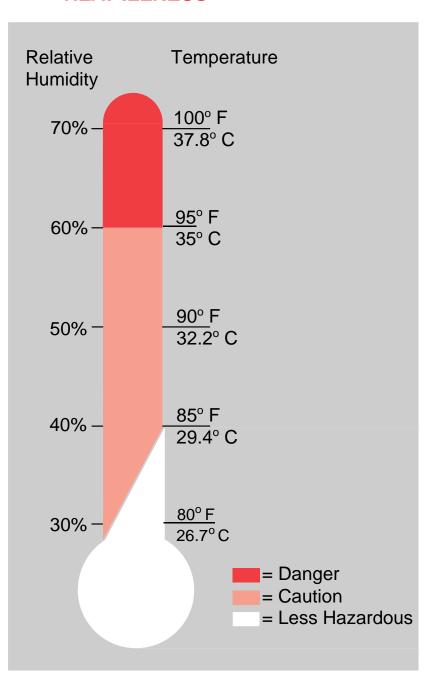
U.S. Department of Labor Occupational Safety and Health Administration

THE HEAT EQUATION



HIGH TEMPERATURE + HIGH HUMIDITY + PHYSICAL WORK = HEAT ILLNESS

When the body is unable to cool itself through sweating, serious heat illnesses may occur. The most severe heatinduced illnesses are heat exhaustion and heat stroke. If actions are not taken to treat heat exhaustion, the illness could progress to heat stroke and possible death.



OSHA 3154 1998

HEAT EXHAUSTION

What Happens to the Body:

HEADACHES, DIZZINESS/LIGHT HEADEDNESS, WEAKNESS, MOOD CHANGES (irritable, or confused/can't think straight), FEELING SICK TO YOUR STOMACH, VOMITING/THROWING UP, DECREASED and DARK COLORED URINE, FAINTING/PASSING OUT, and PALE CLAMMY SKIN.

What Should Be Done:

- Move the person to a cool shaded area to rest. Don't leave the
 person alone. If the person is dizzy or light headed, lay them on
 their back and raise their legs about 6-8 inches. If the person is
 sick to their stomach lay them on their side.
- Loosen and remove any heavy clothing.
- Have the person drink some cool water (a small cup every 15 minutes) if they are not feeling sick to their stomach.
- Try to cool the person by fanning them. Cool the skin with a cool spray mist of water or wet cloth.
- If the person does not feel better in a few minutes call for emergency help (Ambulance or Call 911).

(If heat exhaustion is not treated, the illness may advance to heat stroke.)

HEAT STROKE—A MEDICAL EMERGENCY

What Happens to the Body:

DRYPALESKIN (no sweating), HOTREDSKIN (looks like a sunburn), MOOD CHANGES (irritable, confused/not making any sense), SEIZURES/FITS, and COLLAPSE/PASSED OUT (will not respond).

What Should Be Done:

- Call for emergency help (Ambulance or Call 911).
- Move the person to a cool shaded area. Don't leave the person alone. Lay them on their back and if the person is having seizures/fits remove any objects close to them so they won't strike against them. If the person is sick to their stomach lay them on their side.
- Remove any heavy and outer clothing.
- Have the person drink some cool water (a small cup every 15 minutes) if they are alert enough to drink anything and not feeling sick to their stomach.
- Try to cool the person by fanning them. Cool the skin with a cool spray mist of water, wet cloth, or wet sheet.
- If ice is available, place ice packs under the arm pits and groin area.

How to Protect Workers

- Learn the signs and symptoms of heat-induced illnesses and what to do to help the worker.
- Train the workforce about heat-induced illnesses.
- Perform the heaviest work in the coolest part of the day.
- Slowly build up tolerance to the heat and the work activity (usually takes up to 2 weeks).
- Use the buddy system (work in pairs).
- Drink plenty of cool water (one small cup every 15-20 minutes)
- Wear light, loose-fitting, breathable (like cotton) clothing.
- •. Take frequent short breaks in cool shaded areas (allow your body to cool down).
- Avoideating large meals before working in hot environments.
- Avoid caffeine and alcoholic beverages (these beverages make the body lose water and increase the risk for heat illnesses).

Workers Are at Increased Risk When

- They take certain medication (check with your doctor, nurse, or pharmacy and ask if any medicines you are taking affect you when working in hot environments).
- They have had a heat-induced illness in the past.
- They wear personal protective equipment (like respirators or suits).

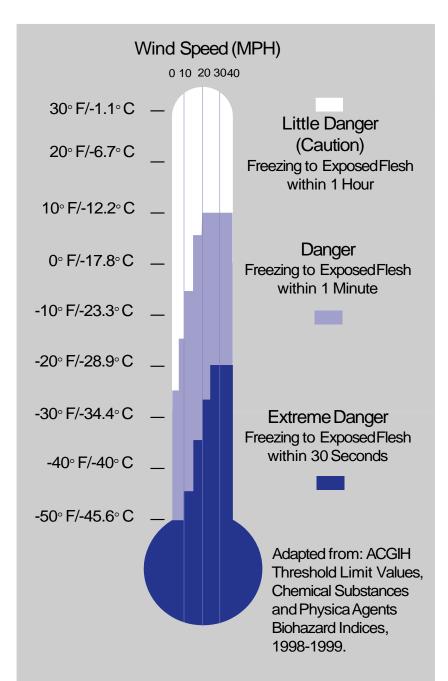
U.S. Department of Labor Occupational Safety and Health Administration

THECOLDSTRESSEQUATION

LOW TEMPERATURE + WINDSPEED + WETNESS = INJURIES & ILLNESS

When the body is unable to warm itself, serious cold-related illnesses and injuries may occur, and permanent tissue damage and death may result.

Hypothermiacan occur when land tempera-tures are **above** freezing or water temperatures are below 98.6°F/ 37°C. Coldrelated illnesses can slowly overcome a person who has been chilled by low temperatures, brisk winds, or wet clothing.



OSHA3156

FROST BITE

What Happens to the Body:

FREEZING IN DEEP LAYERSOFSKIN ANDTISSUE; PALE, WAXY-WHITE SKIN COLOR; SKIN BECOMES HARD and NUMB; USUALLY AFFECTS THEFINGERS, HANDS, TOES, FEET, EARS, and NOSE.

WhatShouldBeDone: (landtemperatures)

- Movethepersontoawarmdryarea. Don't leavethepersonalone.
- Removeanywet or tight clothingthatmaycut off bloodflowto theaffected area.
- **DO NOT** rubtheaffectedarea, becauserubbingcausesdamageto theskin andtissue.
- Gently placetheaffectedareainawarm(105°F)water bathandmonitor the water temperatureto slowlywarmthetissue. Don't pourwarmwater directlyontheaffectedareabecause itwill warmthetissuetoofast causing tissuedamage. Warmingtakesabout 25-40minutes.
- After theaffectedareahasbeenwarmed, itmaybecomepuffyandblister.
 Theaffectedareamayhaveaburningfeelingor numbness. Whennormal feeling, movement, and skincolor havereturned, theaffectedareashouldbe driedandwrapped tokeep itwarm. Note: If there is achance the affected areamayget coldagain, donotwarm the skin. If the skin is warmed and then become scoldagain, it will cause severetissued amage.
- Seekmedical attention assoon as possible.

HYPOTHERMIA - (Medical Emergency)

What Happenstothe Body:

NORMAL BODYTEMPERATURE (98.6°F/37°C) DROPSTOOR BELOW 95°F (35°C); FATIGUEOR DROWSINESS; UNCONTROLLED SHIVERING; COOL BLUISH SKIN; SLURRED SPEECH; CLUMSYMOVEMENTS; IRRITABLE, IRRATIONAL OR CONFUSED BEHAVIOR.

WhatShouldBeDone:(landtemperatures)

- Call foremergencyhelp (i.e., Ambulanceor Call 911).
- Movethepersontoawarm, dryarea. Don't leavethepersonalone. Removeany wet clothingandreplacewithwarm, dryclothingorwrap thepersoninblankets.
- Havethepersondrinkwarm, sweet drinks (sugarwater or sports-typedrinks) if they arealert. **Avoid drinkswith caffeine** (coffee, tea, or hot chocolate) or alcohol.
- Havethepersonmovetheirarmsandlegstocreatemuscleheat. If theyareunable todothis, placewarmbottlesor hot packsin thearmpits, groin, neck,andhead areas. DONOT rubtheperson'sbodyor placetheminwarmwater bath. Thismay stoptheir heart.

What ShouldBe Done: (watertemperatures)

- Call foremergencyhelp (AmbulanceorCall 911). Bodyheat is lost upto25times faster inwater.
- DO NOT removeanyclothing. Button, buckle, zip, and tighten anycollars, cuffs, shoes, and hoods because the layer of trapped water closest to the body provides a layer of insulation that slows the loss of heat. Keep the headout of the water and put on a hat or hood.
- Get out of thewaterasquicklyaspossibleor climbonanythingfloating. DONOT attempt toswimunlessafloatingobject oranother personcanbereachedbecause swimmingor other physical activityuses thebody'sheatandreducessurvival time byabout 50 percent.
- If gettingout of thewater is not possible, wait quietly and conserve body heat by folding arms across the chest, keeping thigh stogether, bending knees, and crossing ankles. If another person is in thewater, huddle together with chest sheld closely.

HowtoProtectWorkers

- Recognize the environmental and workplace conditions that lead to potential cold-induced illnesses and injuries.
- Learn the signs and symptoms of cold-induced illnesses/injuries and what to do to help the worker.
- Train the workforce about cold-induced illnesses and injuries.
- Select proper clothingfor cold, wet, and windy conditions. Layer clothing toadjust tochanging environmental temperatures. Wear a hat and gloves, in addition to underwear that will keep water away from the skin (polypropylene).
- Takefrequentshort breaks inwarm dryshelters to allow the body towarm up.
- Performworkduringthewarmest partoftheday.
- Avoidexhaustionor fatiguebecauseenergyisneededtokeepmuscleswarm.
- Usethebuddysystem(workinpairs).
- Drinkwarm, sweet beverages (sugarwater, sports-typedrinks). Avoiddrinks with caffeine (coffee, tea, or hot chocolate) or alcohol.
- Eatwarm, high-caloriefoodslikehotpastadishes.

Workers Areat Increased Risk When...

- Theyhavepredisposinghealthconditions such as cardiovas cular disease, diabetes, and hypertension.
- Theytakecertainmedication(checkwithyour doctor, nurse, or pharmacy andaskifanymedicinesyouaretakingaffect youwhileworkingincold environments).
- They are in poor physical condition, have a poor diet, or a reolder.

APPENDIX B

ADDITIONAL POTENTIAL PHYSICAL AND CHEMICAL HAZARDS

ADDITIONAL POTENTIAL PHYSICAL AND CHEMICAL HAZARDS

POTENTIAL PHYSICAL HAZARDS	CONTROL METHODS
Overhead Hazards/Falling Objects	Overhead hazards will be identified prior to each task (i.e., inspecting drill rig mast, building structure). Hard hats will be required for each task that poses an overhead hazard.
Contact with Utilities	Prior to initiating site activities, all utilities will be located by the appropriate utility company and will be marked and/or barricaded to minimize the potential of accidental contact. A minimum distance of 25 feet between the derrick and overhead power lines must be maintained at all times.
Noise Exposure	Areas of potentially high sound pressure levels (>85 dBA) will be restricted to authorized personnel only. Engineering controls will be used to the extent possible. Hearing protection will be made available to all workers on site. Exposure to time-weighted average levels in excess of 85 dBA is not anticipated.
Contaminant Inhalation	Direct reading instruments will be used tomonitor airborne contaminants. Established Lu Engineers' action levels will limit exposure to safe levels. Respiratory protection will be used as appropriate.
Contaminant Ingestion	Standard safety procedures such as restricting eating, drinking, and smoking to the support zone and utilizing proper personal decontamination procedures will minimize ingestion as a potential route of exposure.
Dermal Contaminant Contact	The proper selection and use of personal protective clothing and decontamination procedures will minimize dermal contaminant contact.
Potential contact with waste and naturally occurring contaminants (i.e., methane)	Dermal contact with contaminants will be minimized by proper use of the following PPE: • Tyvex coveralls • Neoprene gloves • Booties (latex) or over-boots.
Falls (into slab penetrations and/orexcavations)	 Unauthorized personnel prohibited Open holes filled quickly Existing open holes filled prior to Site Work Task1 (Preparation) Construction fencing as appropriate

APPENDIX C

HAZARD EVALUATION SHEETS / MSDS

CHEMICAL HAZARDEVALUATION FID/PID **Exposure Limits** Relative Dermal Odor Ioniz. Task Hazard Route(s) of Threshold/ Response Poten. PEL RE TLV Number Compound (Y/N) Exposure **Acute Symptoms** Description (eV) Tetrachloroethylen Υ Inh, Abs, Ing, Irritation to eyes, nose, Colorless 100 ppm 25 ppm 9.32 1-10 e (PCE) Con upper respiratory tract, liquid, mild 1-10 Trichloroethene* 100 Υ Inh, Abs, Ing, Irritation to eyes, skin, Colorless 9.45 (TCE) mucous membranes and liquid, ppm Con (per GI, headache, vertigo, sometimes 6/97 fatigue, giddiness, dyed blue,

tremors, vomiting,

chloroform

NIOSH

KEY:

PEL = Permissible Exposure Limit Inh = Inhalation

REL = Recommended Exposure Limit Ing = Ingestion

--- = Information not available

mg/m³ = Milligrams per cubic meter * = Chemical is a known or suspected carcinogen TLV = Threshold Limit Value(ACGIH)

Abs = Skin Absorption

Con = Skin and/or eye Contact

ppm = Parts per million

sk = Skin notation

APPENDIX D

PROTECTIVE GEAR						
LEVEL A	N/A	LEVEL B	N/A			
SCBA		SCBA				
SPARE AIR TANKS		SPARE AIR TANKS				
ENCAPSULATING SUITE (Type)		PROTECTIVE COVERALL (Type)				
SURGICAL GLOVES		RAIN SUIT				
NEOPRENE SAFETY BOOTS		BUTYL APRON				
BOOTIES		SURGICAL GLOVES				
GLOVES (Type)		GLOVES (Type)				
OUTER WORK GLOVES		OUTER WORK GLOVES				
HARD HAT		NEOPRENE SAFETY BOOTS				
CASCADE SYSTEM		BOOTIES				
5-MINUTE COOLING VEST		HARD HAT WITH FACE SHIELD				
		CASCADE SYSTEM				
		MANIFOLD SYSTEM				
LEVEL C		LEVEL D				
ULTRA-TWIN RESPIRATOR	X	ULTRA-TWIN RESPIRATOR (available)	Х			
POWER AIR PURIFYING RESPIRATOR		CARTRIDGES (TypeGMC-H)(available)	Х			
CARTRIDGES (Type GMC-H)	X	5-MINUTE ESCAPE MASK (available)				
5-MINUTE ESCAPE MASK		PROTECTIVE COVERALL (TypeTyvek/Saranax)	Х			
PROTECTIVE COVERALL (TypeTyvek/Saranax)	X	RAIN SUIT (available)	Х			
RAIN SUIT	Х	NEOPRENE SAFETY BOOTS				
BUTYL APRON		BOOTIES (available)	Х			
SURGICAL GLOVES	Х	NITRILE	Х			
GLOVES (Type: Nitrite/Neoprene)	Х	HARD HAT WITH FACE SHIELD (available)	Х			
OUTER WORK GLOVES		SAFETY GLASSES	Х			
NEOPRENE SAFETY BOOTS		GLOVES (Type: Surgical)	Х			
HARD HAT WITH FACE SHIELD	Х	WORK GLOVES (Type: Neoprene/Nitrile)(available)	Х			
BOOTIES	Х	SAFETY BOOTS	Х			
HARD HAT	Х	BLAZE ORANGE VEST	Х			

INSTRUMENTATION	NO.	FIRST AID EQUIPMENT	NO.
OVA		FIRST AID KIT	Х
THERMAL DESORBER		OXYGEN ADMINISTRATOR	
O ₂ /EXPLOSIMETER W/CAL.KIT(Drilling)		STRETCHER	
PHOTOVACTIP		PORTABLE EYE WASH	
PID	X BLOOD PRESSURE MONITOR		
MAGNETOMETER		FIRE EXTINGUISHER	Х
PIPE LOCATOR			
WEATHER STATION		DECON EQUIPMENT	
DRAEGER PUMP, TUBES ()		WASH TUBS	
BRUNTON COMPASS		BUCKETS	X
MONITOX CYANIDE		SCRUB BRUSHES	Х
HEAT STRESS MONITOR		PRESSURIZED SPRAYER	
NOISE EQUIPMENT		DETERGENT (Type: Alconox) = TSP	Х
PERSONAL SAMPLING PUMPS		SOLVENT (HEXANE)	
MINI-RAM (Particulates) (Drilling)		PLASTIC SHEETING	Х
NITON XL3t 600 Series analyzer(X-rayfluorescence		TARPS AND POLES	
(XRF)			
		TRASH BAGS	Х
RADIATION EQUIPMENT		TRASH CANS	
DOCUMENTATION FORMS		MASKING TAPE	
PORTABLE RATEMETER		DUCT TAPE	X
SCALER/RATEMETER		PAPER TOWELS	X
Nal Probe		FACE MASK	
ZnS Probe		FACE MASK SANITIZER	
GM Pancake Probe		FOLDING CHAIRS	
GM Side Window Probe		STEP LADDERS	
MICRO R METER		DISTILLED WATER	X
ION CHAMBER			
ALERT DOSIMETER			
MINI-RAD			

SAMPLING EQUIPMENT	NO.	MISCELLANEOUS (cont.)	NO.
4-OZ BOTTLES	Х	BUNG WRENCH	
1 LITER AMBER BOTTLES	Х	SOIL AUGER	
VOA BOTTLES	Х	PICK	
SOIL SAMPLING (CORING) TOOL	Х	SHOVEL	Х
SOIL VAPOR PROBE		CATALYTIC HEATER	
THIEVING RODS WITH BULBS	Х	PROPANE GAS	
SPOONS	Х	BANNER TAPE	Х
GENERAL TOOL KIT	Х	SURVEYING METER STICK	
FILTER PAPER		CHAINING PINS AND RING	
PERSONAL SAMPLING PUMP SUPPLIES		TABLES	
4-OZ JARS	Х	WEATHER RADIO	
		BINOCULARS	
VAN EQUIPMENT		MEGAPHONE	
TOOL KIT		PORTABLE RADIOS (4)	
HYDRAULICJACK		CELL PHONE	Х
LUG WRENCH		CAMERA	Х
TOW CHAIN		HEARING PROTECTION	Х
VAN CHECK OUT			
GAS		SHIPPING EQUIPMENT	
OIL		COOLERS	Х
ANTIFREEZE		PAINT CANS WITH LIDS, 7 CMIPS EACH	
BATTERY		VERMICULITE	
WINDSHIELD WASH		SHIPPING LABELS	Х
TIRE PRESSURE		DOT LABELS: "DANGER", "UP";	
		"INSIDE CONTAINER COMPLIES";	
MISCELLANEOUS		"HAZARD GROUP"	
PITCHER PUMP		STRAPPING TAPE	Х
SURVEYOR'S TAPE	Х	BOTTLE LABELS	Х
100 FIBERGLASS TAPE	Х	BAGGIES	Х
300 NYLON ROPE		CUSTODY SEALS	Х
NYLON STRING	Х	CHAIN-OF-CUSTODY FORMS	Х
SURVEYING FLAGS	Х	FEDERAL EXPRESS FORMS	Х
FILM		CLEAR PACKING TAPE	Х
WHEEL BARROW			