AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract Number	Page of Pages	
	1	204

2. Amendment/Modification Number	3. Effective Date	4. Requisition/Purchase Request No.	5. Solicitation Caption
GF-2011-R-0030-006	October 21, 2011		Construction of New Student Center at UDC, Van Ness Campus

6. Issued By: Code
University of the District of Columbia
Capital Procurement Division
4200 Connecticut Avenue, NW, Room C01, Building 38
Washington, DC 20008

7. Administered By (If other than line 6)
University of the District of Columbia
Capital Procurement Division
4200 Connecticut Avenue, NW, Room C01, Building 38
Washington, DC 20008

8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)

Code | Facility

(X) 9A. Amendment of Solicitation No.
GF-2011-R-0030

9B. Dated (See Item 11)
September 30, 2011

10A. Modification of Contract/Order No.

10B. Dated (See Item 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended. [X] is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copy of the amendment: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If Required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14

[ ] A. This change order is issued pursuant to: (Specify Authority)
The changes set forth in Item 14 are made in the contract/order no. in item 10A.

[ ] B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.

[ ] C. This supplemental agreement is entered into pursuant to authority of:

[ ] D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [X] is required to sign this document and return 1 copy to the issuing office.

14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)

Solicitation No. GF-2011-R-0030 for Construction of New Student Center at UDC, Van Ness Campus is hereby amended as follows:

1. Delete Environmental Assessment in its entirety and replace with the attached Environmental Assessment

All other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect

15A. Name and Title of Signer (Type or print)		16A. Name of Contracting Officer Sherry Jones-Quashie	
15B. Name of Contractor (Signature of person authorized to sign)	15C. Date Signed	16B. District of Columbia Sherry Jones-Quashie (Signature of Contracting Officer)	16C. Date Signed OCT 21 2011

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1.0 Introduction

Environmental Consultants and Contractors, Incorporated (ECC) has been retained by the Respondents to the United States Environmental Protection Agency (EPA) Unilateral Administrative Order Docket No. III-97-002CW. The Unilateral Administrative Order addresses the investigation and remediation of a petroleum release from underground storage tanks at the University of the District of Columbia Van Ness Campus. This Response Action Plan has been prepared to address the investigation and remediation of any hazardous materials and/or wastes at the site in a timely manner while adhering to the response action activities listed in Section 8.3 of the Unilateral Administrative Order.

Statements of qualifications for the contractors selected to work at the site are presented in Appendix D. A Statement of Qualifications for Phase Separation Science, Incorporated, the selected sample analyses laboratory, is included in Appendix D; a Quality Assurance / Quality Control package detailing Phase Separation's specific analytical procedures is available upon request.

2.0 Background Information

2.1 Location and Site Description

The University of the District of Columbia Van Ness Campus site (UDC, the "Site") is located at 4200 Connecticut Avenue, N.W. in Washington, D.C. The site appears on the U.S. Geological Survey (USGS) Washington West, D.C. 7.5-Minute Quadrangle Map (1965, photorevised 1983), and is centered at approximately 38° 36' 15" North latitude and 77° 20' 05" West longitude. Site location is shown on Figure 1.

UDC is situated in an urban commercial and residential area. The study area is the former underground storage tanks (USTs) location adjacent north of the Physical Plant building, in the northeast section of the UDC campus, and is accessed via Windom Place from Connecticut Avenue. The study area is presently accessible by pedestrian and vehicular traffic.

The study area of the site is situated on the eastern slope of a broad, ridge-like landform. The land slopes northeastward from the site to the Soapstone Creek drainage valley located approximately 600 feet northeast of the study area. The surface elevation of the study area is approximately 248 feet above mean sea level (MSL), and the surface elevation of Soapstone Creek in the site area is approximately 170 feet MSL. Site topography and features are shown on Figure 1.

2.2 Environmental History

The site formerly contained three 30,000-gallon UST systems, which stored #2 fuel oil for heating use by the campus physical plant. Interruptible natural gas also services the physical plant as a heating fuel. On or about January 18, 1997, the National Park Service (NPS) Police detected # 2 fuel oil in the surface water and along the banks of Soapstone Creek. Subsequent investigations by NPS personnel determined the # 2 fuel oil was being released to Soapstone Creek from a storm drain system which was traced to the physical plant area of UDC.

On or about January 18, 1997, the NPS Hazardous Materials Response Officer, Mr. Ernest K. Ralston, P.G., contacted the United States Environmental Protection Agency's (EPA) Region III Response Center and requested EPA assistance in responding to the fuel oil release.

On January 18, 1997, Tri-County Industries, Incorporated (TCI) was contracted by UDC to respond to the oil release, and initiated oil recovery operations by placing oil sorbent booms in Soapstone Creek.

FIGURE 1: SITE LOCATION MAP

UDC Van Ness Campus Power Plant
4200 Connecticut Avenue, N.W.
Washington, D.C.

U.S. Geological Survey 7.5-Minute Topographic Quadrangle Map

Washington West, D.C.-Maryland-Virginia, 1965 (photorevised 1983)

Scale: 1 inch = 2,000 feet
Contour interval: 10 feet

N

Mr. William Steuteville, the EPA On-Scene Coordinator (OSC), reconnoitered the site area including Soapstone Creek, Broad Branch, and Rock Creek on January 19, 1997. The OSC observed a "heavy" oil slick and adversely impacted wildlife on Soapstone Creek for a distance of approximately one-half mile downstream from the storm drain outfall oil release point. The oil slick reportedly decreased in severity over the one-half mile section of Soapstone Creek prior to its confluence with Broad Branch. Intermittent oil slicks were observed on Broad Branch over a distance of approximately 600 feet prior to its confluence with Rock Creek. No oil slicks were observed on Rock Creek. An inspection of the storm drain lines at the UDC campus revealed an area where fuel oil seeped into the storm drain approximately twenty feet from the physical plant.

From January 19, 1997 to present date, TCI maintained oil sorbent booms and pads in the creeks and storm drain system, and placed saturated oil sorbents in recovery bags and drums for off-site disposal.

On January 21, 1997, TCI excavated the area where fuel oil was detected seeping into the storm drain system. Excavated petroleum contaminated soils were stockpiled on polyethylene sheeting.

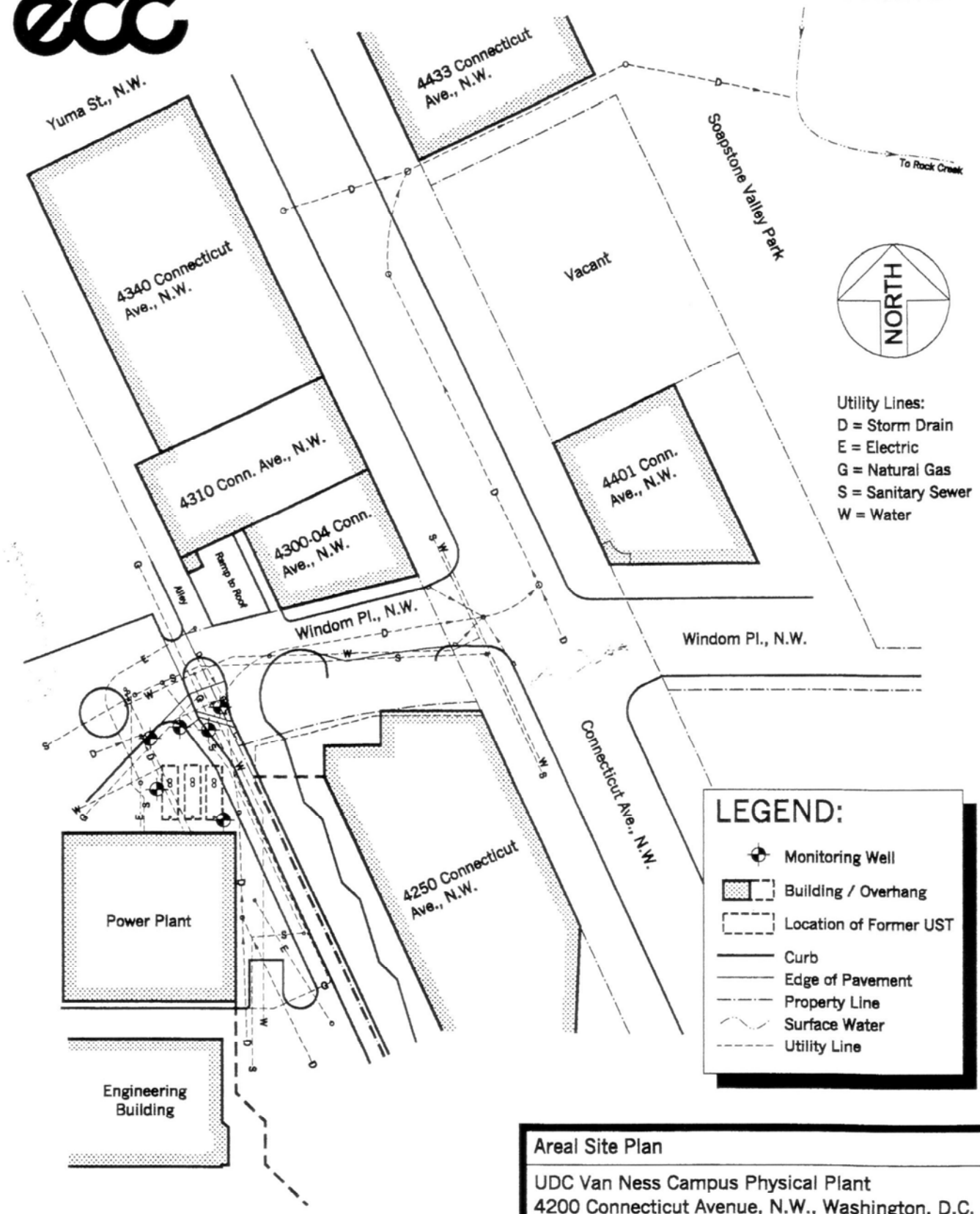
On January 22, 1997, the USTs were gauged to assess potential for leakage, and the storm drain excavation was continued.

From January 23 to 26, 1997, Able Environmental performed PetroTite integrity testing on the USTs and ancillary piping. The results of UST and line testing indicated: UST-1 passed testing, supply and return lines failed testing; UST-2 and supply line passed testing, return line failed testing; UST-3 passed testing, supply and return lines failed testing.

On January 25, 1997, Environmental Consultants and Contractors (ECC), Incorporated and subcontractor drillers A.C. Shultzy mobilized to the site to drill monitoring wells. Boring for MW-1 initiated, Shultzy rig broke.

On January 26, 1997, Shultzy was replaced by Connelly and Associates, Incorporated for drilling services. Monitoring wells MW-1, MW-2, MW-3, and MW-4 installed. Soil samples acquired from the monitoring well borings were submitted to an accredited analytical laboratory, Phase Separation Science (PSS), Incorporated, for Total Petroleum Hydrocarbon analyses (TPH) via EPA method 8015 (modified). The results of laboratory analyses indicated TPH concentrations of 840 to 4,300 mg/kg in the soil samples from MW-1, MW-2, and MW-4; TPH was not detected in the soil sample from the unsaturated zone at MW-3.

FIGURE 2



Areal Site Plan	
UDC Van Ness Campus Physical Plant 4200 Connecticut Avenue, N.W., Washington, D.C.	
Environmental Consultants and Contractors, Inc.	
ECC Project No. 97-2779	March 13, 1997
Drawn by: JPB/JJS	Approved by: PJJ

On January 27, 1997, ECC acquired groundwater samples from MW-2, MW-3, and MW-4 for laboratory analyses by PSS of compounds indicative of fuel oil contamination, including: TPH analysis by EPA Method 8015 (modified); and Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) and Naphthalene analyses by EPA Method 8020. Results of laboratory analyses of groundwater samples are presented in Table 1.

TABLE 1: RESULTS OF GROUNDWATER ANALYSES

SAMPLE LOCATION	TPH (mg/l or ppm)	BTEX COMPOUNDS (µg/l or ppb)					Naphthalene (µg/l or ppb)
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	
MW-2	4.9	35	68	53	170	326	160
MW-3	350	ND-10	ND-10	220	470	690	4,600
MW-4	17	100	180	97	480	857	3,000
Detection Limit	0.50	1	1	1	1	N/A	1
ND = Not Detected; N/A = Not Applicable; ND-10 = Not Detected at or above 10 µg/l							

From January 27 to February 11, 1997, TCI maintained sorbent booms.

On February 12, 1997, TCI pumped 32,000 gallons of # 2 fuel oil from the USTs for off-site disposal. TCI delivered 14,000 gallons of fuel oil to the District of Columbia General Hospital for heating use, and took the remaining 18,000 gallons to TCI's recovery facility in Beltsville, Maryland. ECC gauged MW-1, MW-2, and MW-3 and detected free phase fuel oil. The free phase fuel oil was recovered via manual bailing and placed in recovery drums.

From February 13 to 21, 1997, TCI excavated and removed the three USTs and ancillary piping. During UST excavation activities, MW-1, MW-2, and MW-4 were destroyed. TCI recovered a total of 13,000 gallons of fuel oil and contaminated groundwater from the excavation with vacuum trucks for off-site disposal at their recovery facility. TCI excavated and removed 2,007.33 tons of petroleum contaminated soil and transported the soil to SoilSafe, Incorporated's facility in Baltimore, Maryland for thermal recycling treatment.

From February 22 to 26, 1997, TCI extended the excavation and removed an additional 633.76 tons of petroleum contaminated soil from the site to SoilSafe. TCI recovered a total of 11,700 gallons of fuel oil and contaminated groundwater from the excavation and storm drain system with vacuum trucks for off-site disposal at their recovery facility. ECC personnel sealed potential sources of water inflow to an abandoned section of storm drain adjacent to the UST excavation with

concrete to alleviate "flushing" problems. ECC acquired soil samples from the UST excavation and the storm drain box area and submitted the samples to PSS for TPH analyses via EPA method 8015 (modified). The results of laboratory analyses are presented in Table 2.

TABLE 2: RESULTS OF SOIL ANALYSES

SAMPLE	DATE	TPH (mg/kg or ppm)
SDBX-OUT	2/24/97	3,300
UST1M	2/25/97	550
UST3S	2/25/97	4,700
SW-RF	2/26/97	4,500
SW-SD	2/26/97	4,200
WW-PL	2/26/97	9,200
NW-T2	2/26/97	100
EW-MH	2/26/97	ND
UST2S	2/26/97	190
UST-2M	2/27/97	220
UST2N	2/26/97	1,300
UST3N	2/26/97	6,200
Detection Limit	N/A	10
ND = Not Detected; N/A = Not Applicable		

A water sample was recovered from the storm drain for laboratory analyses by PSS of compounds indicative of fuel oil contamination, including: TPH analysis by EPA Method 8015 (modified); and Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) and Naphthalene analyses by EPA Method 8020. Results of laboratory analyses of the storm drain water sample are presented in Table 3.

TABLE 3: RESULTS OF STORM DRAIN WATER ANALYSES

SAMPLE LOCATION	TPH (mg/l or ppm)	BTEX COMPOUNDS (µg/l or ppb)					Naphthalene (µg/l or ppb)
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	
SDPP	3,400	ND-10	ND-10	ND-10	ND-10	ND	1,800
Detection Limit	0.50	1	1	1	1	N/A	1
ND = Not Detected; N/A = Not Applicable; ND-10 = Not Detected at or above 10 µg/l							

From February 27 to March 7, 1997, TCI backfilled the excavation with clean, engineering grade fill and maintained sorbent booms in storm drains and creeks, and ECC recovered free phase fuel oil from MW-3.

From March 12 to 14, 1997, ECC installed monitoring wells MW-5, MW-6, and MW-7 to delineate the extent of free and dissolved phase contaminants.

Pursuant to Section 8.4(a) of the Unilateral Administrative Order, the following security and fire protection measures have been implemented:

- The fuel oil underground storage tanks (UST) have been excavated and removed, negating the potential for further releases of fuel oil to the subsurface environment.

- The former UST area has been re-filled with non-contaminated, compacted stone and soil - this action has secured the former UST area from settlement and removed the potential for accidental pedestrian contact with petroleum contaminated soils.

- Sources of water infiltration to the storm drain in the immediate vicinity of the former USTs have effectively been controlled by placement of impermeable seals to prevent "flushing" of free and dissolved phase contaminants from the site to potential receptor areas (storm drain outfall to Soapstone Creek, etc.).

- Free phase fuel oil recovery is on-going, removing the source of dissolved and vapor phase contamination.

The remaining free phase fuel oil in the subsurface environment poses a very low fire risk, as the fuel type is low in volatility, requires a sustained ignition source for combustion, and is present in an environment (subgrade soil and utility backfill) relatively low in oxygen.

2.3 Geology / Hydrogeology

The site is located in the Appalachian Piedmont physiographic province approximately 1 mile west of the Fall Zone, which represents the surface material divide between the Coastal Plain province to the east and the Appalachian Piedmont province to the west. The Appalachian Piedmont physiographic province is characterized as a rolling upland surface underlain by complexly folded and faulted metamorphosed sedimentary rocks of Precambrian to early Paleozoic age. The metamorphic bedrock is overlain by regolith consisting of soil, saprolite, and weathered rock. Regolith thicknesses vary from non-existent at rock outcrops to

over 100 feet in the province. The Coastal Plain is generally characterized as a gently eastward-dipping and -thickening clastic wedge that unconformably overlies the crystalline basement rocks exposed west of the Fall Line. These clastic sediments consist of unconsolidated beds of clay, silt, sand, and gravel derived from erosion and transport of igneous, metamorphic, and metasedimentary rocks of the Piedmont province, which have changed little since deposition except for compaction.

As mapped by the United States Geological Survey (Geologic Map GQ-1748, 1994), the site is underlain by the Garnetiferous biotite-horneblende tonalite member (mapping unit *Ogr*) of the Georgetown Intrusive Suite. The Garnetiferous biotite-horneblende tonalite is characterized as a coarse-grained, well-foliated gneissic rock that typically contains less than 25 percent dark minerals and abundant mafic inclusions. Structurally, the site area is very complex with high-angle thrust and slip faulting.

Subsurface geologic conditions noted during the installation of monitoring wells indicate saprolitic soils characterized by fine-to coarse grained sands and silt extend to a depth of approximately 13 feet, where weathered tonalite rock was encountered which extends to depths of at least 30 feet.

The hydrogeology of the Appalachian Piedmont province in the Fall Zone area is controlled primarily by water infiltration and storage in the surficial sediments and regolith and subsequent percolation of water through the regolith into fractures of the crystalline rock. The surficial sediments and regolith act as a recharge source to the fractured rock aquifer, and typically the surficial sediments, regolith and shallow fractured rock jointly compose an unconfined aquifer system. The potentiometric surface of the unconfined groundwater (water table) and flow patterns generally reflect changes in topography and surficial drainage. Groundwater flow is generally via primary porosity (interstitial) in the shallow sediments, regolith and weathered rock near the surface. Secondary porosity (along fractures and partings) becomes predominant in weathered and hard bedrock at greater depths. Data obtained from initial gauging and survey activities indicate depth to the water table is approximately 15 feet beneath the ground surface, the groundwater is unconfined, and the potentiometric surface (water table) slopes to the north.

3.0 Investigation of Soil and Groundwater Plan

The Investigation of Soil and Groundwater Plan was developed to address the requirements of Section 8.4, paragraph (d) of the Unilateral Administrative Order. The investigation will consist of the installation of soil borings and monitoring wells, gauging and surveying, soil and groundwater / surface water sample acquisition and laboratory analyses, determination of aquifer properties and hydrologic conditions, an assessment of the risk posed by the contaminant levels detected to human health and the environment, and an assessment of remedial alternatives to protect human health and the environment. The extent of the proposed investigation is based on data acquired to date; as in any subsurface environmental investigation, field conditions encountered will dictate the scope of investigation required to adequately determine the extent of contamination.

All site activities will be performed in accordance with the Health and Safety Plan presented in Section 4.0. Field activities will be performed in accordance with the standard operating procedures (Quality Assurance / Quality Control) identified in Appendix A.

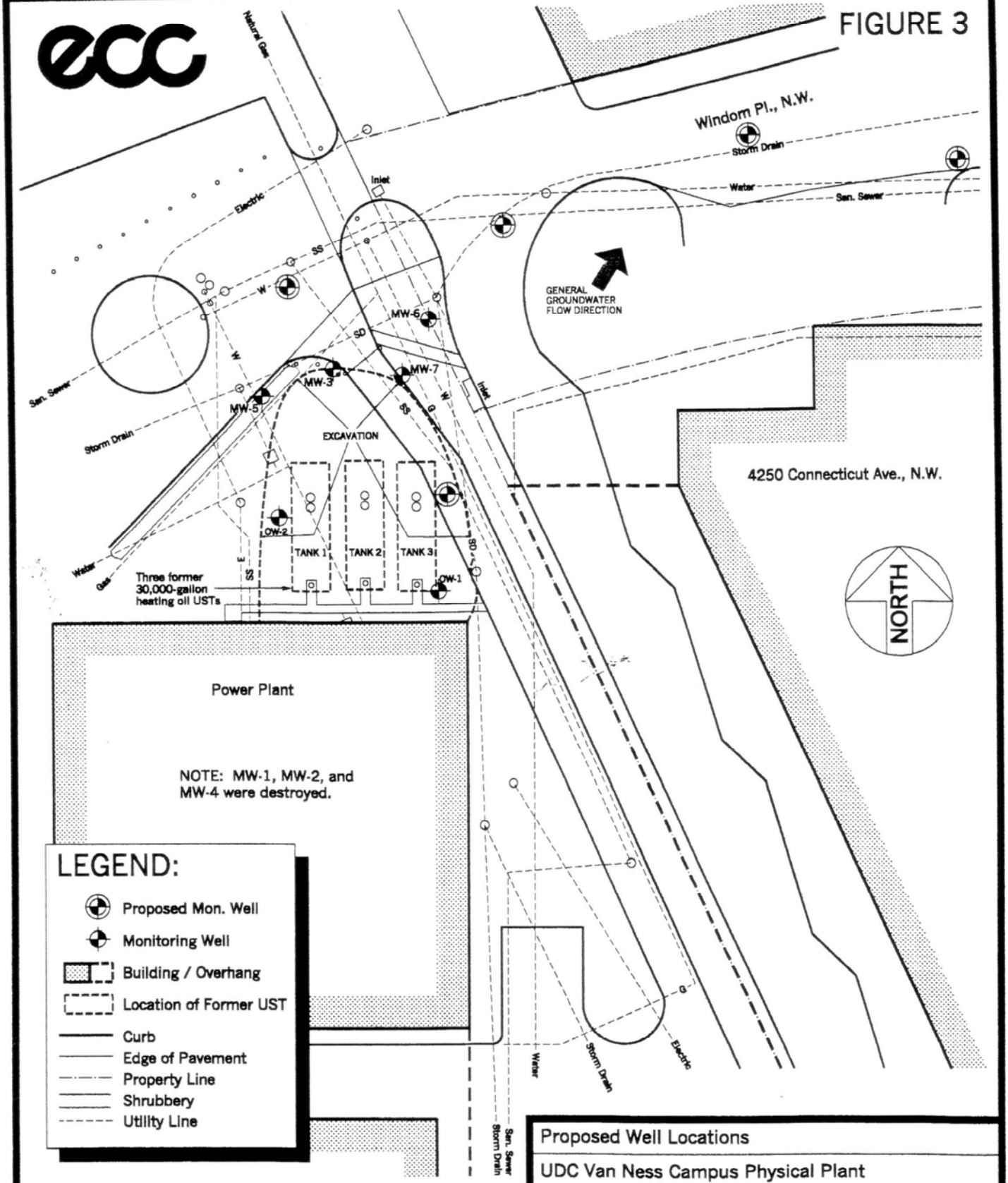
3.1 Geologic / Hydrogeologic Investigation

The geologic / hydrogeologic investigation, including soil borings and monitoring well installation will be performed to gather data on the site stratigraphy, hydrologic conditions, and to acquire soil and groundwater samples for laboratory analyses to determine the nature and extent of free (product), residual (soil), and dissolved (ground and surface waters) phase contaminants.

Six observation / monitoring wells (OW-1, OW-2, MW-3, MW-5, MW-6, and MW-7) are extant at the site; MW-1, MW-2, and MW-4 were destroyed during UST removal activities. The locations of the extant wells are shown on Figures 2 and 3. Data acquired from the installation, gauging, and surveying of the wells indicate:

- shallow groundwater is unconfined, and static water level depths in wells are approximately 15 feet below ground surface
- the potentiometric water surface (water table) slopes to the north-northeast
- free phase fuel oil is present at measurable thicknesses in OW-2 and MW-3

FIGURE 3



Proposed Well Locations	
UDC Van Ness Campus Physical Plant 4200 Connecticut Avenue, N.W., Washington, D.C.	
Environmental Consultants and Contractors, Inc.	
ECC Project No. 97-2779	March 13, 1997
Drawn by: JPB/JJS	Approved by: PJJ

» storm drains appear to serve as preferential pathways for contaminant migration, and free phase fuel oil is suspected to be present in the gravel backfill of the storm drains adjacent to the study area.

Five monitoring wells are proposed to provide additional spatial coverage and delineation of free and dissolved phase contaminants. The proposed monitoring well locations are shown on Figure 3.

The monitoring well soil borings will be advanced to depths of up to 30 feet, using hollow stem auger drilling techniques with split-barrel sampling. Soil samples will be recovered during drilling at 5 feet depth intervals in the borings using ASTM D 1586-84 split-barrel sampling methods. Volatile organic compound (VOC) measurements of collected soil samples will be obtained using an HNu Photoionization Detector (PID, Model PI 101, 10.2 eV lamp) for field screening purposes. Each recovered soil sample will be containerized and allowed sufficient time to volatilize (a minimum of 15 minutes per sample), after which headspace VOC vapor readings will be recorded on boring log sheets. Soil samples from the boring interval exhibiting the highest vapor phase VOC readings will be submitted to PSS for laboratory analysis of TPH via EPA Method 8015 (modified); and Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) and Naphthalene analyses by EPA Method 8020.. Sampling and decontamination procedures shall adhere to the specifications presented in Appendix A and EPA Region III protocol.

Monitoring wells will be installed in the borings, and will be constructed of four-inch diameter, Schedule 40, pre-cleaned Tri-Lock PVC casing and 0.020-inch slotted screen. Twenty feet of slotted screen section will be installed to assure that the water table is intersected by the screened portions of the wells. Well completion will consist of annular backfilling of each boring with filter sand placed from the well bottom to approximately one foot above the screen interval, a bentonite pellet (GeoPellets) seal approximately two feet in thickness placed over the sand pack, and Portland cement grout (powdered bentonite added) placed over the bentonite pellet seal to within one foot of the ground surface. Steel surface flush-mount casing will be installed with a concrete pad. Compression caps will be placed on the openings of the well casings and secured with brass locks to prevent unauthorized access. The steel flush-mount casings will also be bolted to limit unauthorized access.

The monitoring wells will be developed using bailer surge techniques to repeatedly surge and remove groundwater to remove formation sediments and to insure free fluid flow into the well screens. Relative elevations of the monitoring well casings

will be surveyed to vertical control of 0.01 foot for use in determining static water level elevations and groundwater flow direction.

Groundwater samples from the monitoring wells will be acquired for laboratory analyses by PSS of compounds indicative of fuel oil contamination, including: TPH analysis by EPA Method 8015 (modified); and Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) and Naphthalene analyses by EPA Method 8020. Sampling methodology will be in compliance with the standard operating procedures presented in Appendix A.

Static water levels and the presence of free phase fuel oil will be measured in the monitoring wells using an optical, oil-water interface probe, capable of detecting free phase hydrocarbons to a thickness of 0.01 foot. Static water level depths will be acquired in the monitoring wells using an electronic water depth meter and measured to an accuracy of 0.01 foot to prepare a groundwater flow direction map.

A 48-hour pumping test will be performed to determine the transmissivity and hydraulic conductivity of the unconfined aquifer, to assess the potential recovery rate of free phase contamination, and to determine applicable groundwater withdrawal rates for future remedial activities. The pumping well for the aquifer test will be selected on the basis of location in the contaminant plume, thickness of free phase fuel oil measured in the well, and the well diameter (4-inch diameter required). In addition to the pumping well, an observation well proximal to the pumping well will be used for measuring drawdown and recovery data. The observation well may have to be installed within 15 feet of the selected pumping well if no extant wells are within acceptable distance. Groundwater will be pumped from the test well at a rate sufficient to cause at least a 3 feet drawdown; groundwater recovery rates will be measured with a totalizing flowmeter and recorded every hour of the test. Drawdown and recovery data will be recorded in the pumping and observation wells using an In-Situ Hermit 1000C data logger and 15 PSI pressure transducers; drawdown and recovery data may also be measured in any other proximal wells using electronic water level meters. Computational programs contained in AquiferTest, Version 2.0 software from Waterloo Hydrogeologic will be used for analyses of pumping test data. Drawdown data will be analyzed using Neuman solution curve matching techniques which account for partial penetration wells in an unconfined aquifer; recovery data will be analyzed using the Theis & Jacob method.

The hydraulic conductivity value calculated from the pumping test will be used in conjunction with hydraulic gradient data to calculate an average horizontal groundwater velocity for the site area.

Organic contaminants in the groundwater recovered during the pumping test will be removed by carbon adsorption methods prior to discharge to the storm drain system. Two Carbon Service and Equipment Company (CSEC) HP50 activated carbon units connected in series will be used to remove the organic contaminants from the groundwater. Discharge water samples will be acquired every 8 hours for laboratory analyses of TPH, BTEX, and Naphthalene to assess the effectiveness of the carbon treatment. Upon completion of the test, the "spent" carbon will be recovered as a regulated waste by CSEC for off-site thermal reactivation.

Three base-flow water samples from areal storm drains, a water sample from the storm drain outfall to Soapstone Creek, and three surface water samples from Soapstone Creek will be acquired for TPH, BTEX, and Naphthalene analyses. Three stream sediment samples will be acquired from Soapstone Creek at the storm drain outfall and two other downstream locations for laboratory analyses of TPH. Storm drain water, surface water, and stream sediment samples will be acquired using the methods described in Appendix A.

Data acquired from the geologic/hydrogeologic investigation will be reported with a description of methodology, analytical data will be presented in tabular and spatial (map) form, and interpretation of the data.

The contaminant concentrations detected in the soil, groundwater, and surface water samples will be compared to established District of Columbia numerical remediation standards for petroleum releases from underground storage tanks (*Title 20 DC Municipal Regulations §§ 6210, 6211, and 6212)* to determine if remedial action is necessary to reduce contaminant concentrations. The District of Columbia Remediation Standards are presented in Table 4.

TABLE 4: DISTRICT OF COLUMBIA REMEDIATION STANDARDS

MEDIA	TPH	BTEX COMPOUNDS					Naphthalene
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	
SOIL	≤ 100 mg/kg	≤ 1 mg/kg	---	---	---	≤ 10 mg/kg	N/A
GROUND WATER	≤ 1 mg/l	≤ 5 µg/l	≤ 1,000 µg/l	≤ 700 µg/l	≤ 10,000 µg/l	N/A	≤ 600 µg/l
SURFACE WATER*	≤ 10 mg/l**	≤ 500 µg/l	≤ 600 µg/l	≤ 40 µg/l	N/A	N/A	≤ 600 µg/l
N/A = Not Applicable * - Class B,C standards ** - based on oil & grease standard							

If contaminant concentrations detected in the various site media exceed the DC Remediation Standards, a Corrective Action Plan (CAP) will be prepared which

will detail the remedial methods designed to reduce contaminant concentrations below DC Remediation Standards. As District of Columbia has established Remediation Standards for petroleum releases from underground storage tanks, there is no rationale for preparation of a numeric risk assessment.

3.2 Free Phase Fuel Oil Recovery

During the performance of investigatory activities, free phase fuel oil recovery from the monitoring and observation wells will be performed on a weekly basis. Presently, the free phase fuel oil recovery is being performed by manual bailing.

A free phase fuel oil recharge test will be performed monthly at all wells exhibiting free phase contamination. The test will be performed by bailing the free phase fuel oil from the well and noting the time and volume of recovered product; the well will then be gauged hourly for a period of no less than six hours. If during the six hour gauging period measurable free phase fuel oil is detected in the well, the time and volume of recoverable fuel oil will be noted. If the rate of free phase fuel oil recharge is calculated to exceed a measurable thickness of more than 0.04 foot per day, passive recovery bailers with 1-gallon reservoirs employing hydrophobic element filters will be placed in the monitoring wells for continuous recovery. If the rate of free phase fuel oil recharge is calculated to be less than a measurable thickness of more than 0.04 foot per day, hydrophobic petroleum sorbent socks will be placed in the monitoring wells for continuous recovery. Recovered free phase fuel oil will be placed in steel, 55-gallon drums. TCI will arrange for off-site disposal of the recovered free phase fuel oil at their Beltsville, Maryland facility.

3.3 Subsurface Investigation Implementation Schedule

The following table presents the proposed schedule for the expeditious performance of the tasks proposed in the Response Action Plan:

TASK	INITIATION SCHEDULE	PERFORMANCE SCHEDULE
30 Day Progress Report	Ongoing	First week of each month
Free Phase Fuel Oil Recovery	Ongoing	weekly until no free phase fuel oil is detected
Free Phase Fuel Oil Recovery Testing	within 10 business days of RAP approval by EPA	within 5 business days
Monitoring / Recovery Well Installation	within 10 business days of RAP approval by EPA	within 7 business days
Surface Water and Groundwater Sampling	within 20 business days of RAP approval by EPA	within 5 business days
Aquifer Pumping Test	within 20 business days of RAP approval by EPA	within 5 business days
Laboratory Analyses of samples	within 2 business days of sample acquisition	within 10 business days
Investigation of Soil and Groundwater Contamination (ISGC) Report	within 5 business days of the completion of investigatory activities (less than 40 business days of RAP approval by EPA)	within 20 business days
Response Action Plan For The Disposal of Recovered oil and Contaminated Materials	Within 20 calendar days of receipt of EPA's approval of ISGC Report	Within 60 calendar days of receipt of EPA's approval of ISGC Report
Disposal of "Spent" Carbon and accumulated petroleum products and wastes generated during the investigation phase	Materials will be shipped to a recycling/disposal facility within 10 business days of EPA's approval of "Disposal" RAP	disposal/incineration of wastes shall be performed within 180 days of receipt of waste at the disposal facility
Corrective Action Plan	Within 20 calendar days of receipt of EPA's approval of ISGC Report	20 business days from starting date
Site Remediation	within 20 business days of EPA receipt/approval of the Corrective Action Plan	In accordance with an EPA approved schedule
Post-remedial Monitoring	Immediately upon completion of remediation	In accordance with an EPA approved schedule

1544 Dec 07

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of 1
D C R 0 0 0 0 0 1 7 5 0	0 7 4 9 6	

GENERATOR

3. Generator's Name and Mailing Address: U. District of Columbia Bldg 52 Rm 407 ATTEN:T. Bryant
4200 Connecticut Ave NW
Washington. DC 20008

4200 Connecticut Ave NW
Washington, DC 20008

4. Generator's Phone (202) 274-7178

5. Transporter 1 Company Name: Midwest Environmental Transport
6. US EPA ID Number: O H O 0 0 0 0 0 0 5 3 9
A. Transporter's Phone: 513-772-1145

7. Transporter 2 Company Name: Midwest Environmental Transport
8. US EPA ID Number: O H O 0 0 0 0 0 0 5 3 9
B. Transporter's Phone: 513-772-1145

9. Designated Facility Name and Site Address: Environmental Enterprises, Inc.
4650 Spring Grove Ave.
Cincinnati, OH 45232
10. US EPA ID Number: O H D 0 8 3 3 7 7 0 1 0
C. Facility's Phone: 513-541-1823

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON PCB Light Ballast	1	DM	150	P
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: A 90030 1x55DM 07-52308

E. Handling Codes for Wastes Listed Above: AH141

15. Special Handling Instructions and Additional Information

COD to EMSI Emergency Response# 800-392-1503 & Call 911

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

Printed/Typed Name	Signature	Month	Day	Year
Barbara Riddick	Barbara Riddick	11	15	07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Williams	James Williams	11	15	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Environmental Enterprises, Inc.		12	04	07

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

1541

PCB

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: DCR000001750
2. Page 1 of: 2
3. Emergency Response Phone: 800-392-1503
4. Manifest Tracking Number: 000213729 FLE

5. Generator's Name and Mailing Address
U. District of Columbia Bldg 52 Rm 407 - Attn: Barbara Riddick
4200 Connecticut Ave NW
Washington, DC 20008
Generator's Phone: 202 274-7178

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Midwest Environmental Transport, Inc.
U.S. EPA ID Number: O H D 0 0 0 0 0 5 3 9

7. Transporter 2 Company Name: Freehold Cartage Inc.
U.S. EPA ID Number: N J D 0 5 4 1 2 6 1 5 4

8. Designated Facility Name and Site Address
Environmental Chemistry, Inc.
4650 Spring Grove Ave.
Cincinnati, OH 45232
Facility's Phone: 513 541-1822
U.S. EPA ID Number: O H D 0 9 8 3 7 7 0 1 0

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ Waste Trichloroethylene 6.1 UN 1710 PG III	1	DM	30	G	D040
X	2. Waste Flammable Liquids, N.O.S 3 UN 1993 PG II (Lumpkin)	1	DF	50	P	D001 F003 F005 F005 D038 D022
X	3. Waste Flammable Liquids, Corrosive N.O.S 3, 8 UN 2924 PG II (Lumpkin)	1	DF	10	P	D001 D002 D005 F003
X	4. Waste Oxidizing Liquids, N.O.S 5.1 UN 3139 PG II (Lumpkin)	1	DF	16	P	D001 D011

14. Special Handling Instructions and Additional Information
1) X49623 1x30 ERG 160, 2) 70891 #1, 1x30DF ERG 128, 3) 70891 #3 1x5 X94621 ERG 132
07-5383 X94621 53506
4) 70891 #4 1x10 ERG 140 X94621 53505
COD to EMSI Emergency Response 800-392-1503 & Call 911

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Barbara Riddick
Signature: Barbara Riddick
Month: 11 Day: 15 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: James Williams
Signature: James Williams
Month: 11 Day: 15 Year: 07
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061	H061	H061	H071

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Dale Campbell
Signature:
Month: 12 Day: 06 Year: 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

25. Transporter _____ Company Name | U.S. EPA ID Number

26. Transporter _____ Company Name | U.S. EPA ID Number

GENERATOR

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
						D001	D002	D011
X	5). Waste Corrosive liquids, oxidizing N.O.S 8, 5.1 UN 3093 PG II (Lab pack)	2	DF	33	P	D005		
X	6). Waste Corrosive Liquids, N.O.S 8: UN 1760 PG II (Lab pack)	2	DF	35	P	D002 D005		
X	7). Toxic liquids, organic N.O.S 6.1 UN 2810 PG II (Lab pack)	1	DF	18	P	NR	12-6-08	
X	8). Toxic Solids, organic N.O.S 6.1 UN 2811 PG II (Lab packs)	1	DF	5	P	NR		
X	9). Polychlorinated Biphenyls 9, M6, UN3432 PG II	4	DM	30 LBS		NR	11-10-08	
	10).							
	11).							
	12).							
	13).							
	14). 53509-10							

32. Special Handling Instructions and Additional Information
5) 70891 #5,8 1x10,1x5 Emg 140 X94621 07-53708 6) 70891 #647 1x20,1x5 Emg 154, X94621 7) 70891 #2 1x10 Emg 153 53577 X94621
8) 70892 #: 1x5 Emg 154 X94622 9) 70893 1x30 X94623 Emg 171
COD to EMSI Emergency Response# 800 382-1505 & Call 911
9) PCB-001758, 05011-15-07, 11507 ID# 53572

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

34. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

35. Discrepancy SEE Attached Report

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
H071 | H061 | | |
12-29-08

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Manifest Tracking Number: 000213729 FLE

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

2660 Spring Grove Ave

U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ: Waste Trichloroethylene 6.1 UN 1710 PG III	1	DM	30	G	D040
X	2. Waste Flammable Liquids, N.O.S. 3. UN 1993 PG II (Lubricant)	1	DF	50	P	D001 F003 F002 F005 D035 D022
X	3. Waste Flammable Liquids, Corrosive N.O.S. 3, 8 UN 2924 PG II (Lubricant)	1	DF	10	P	D001 D002 D003 F003
X	4. Waste Oxidizing Liquids, N.O.S. 5.1 UN 3139 PG II (Lubricant)	1	DF	16	P	D001 D011

14. Special Handling Instructions and Additional Information 1) X49623 1x30 Emg 160 2) 70341 #1, 1x30 DF Emg 128, 3) 70341 #3 1x5 Emg 132 4) 70341 #4 1x10 Emg 140

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Barbara Riddick | Signature | Month: 11 | Day: 15 | Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James Williams | Signature | Month: 11 | Day: 15 | Year: 07

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number

22. Page 2 of 2

23. Manifest Tracking Number 9

24. Generator's Name

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
X	5) Waste Corrosive liquids, oxidizing N.O.S 8, 5.1 UN 3093 PG II (Lumpkin)	2	DF	33	P	D001 D002 D011 D005
X	6) Waste Corrosive Liquids, N.O.S 8 UN 1760 PG II (Lumpkin)	2	DF	35	P	D002 D005
X	7) Toxic liquids, organic N.O.S 6.1 UN 2810 PG II (Lumpkin)	1	DF	18	P	NR
X	8) Toxic solids, organic N.O.S 6.1 UN 2811 PG II (Lumpkin)	1	DF	5	P	NR
X	9) Polychlorinated Biphenyls 9 UN 3432 PG II	1	DM	30	KG	NR
	10)					
	11)					
	12)					
	13)					
	14)					

32. Special Handling Instructions and Additional Information
5) 70391 #5,8 1X10,1X5 Erg 140 6) 70591 #647 1X20,1X5 Erg 154, 7) 70591 #2 1X10 Erg 153
8) 70572 #1 1X5 Erg 154 9) #70543 1X30 Erg 171

GENERATOR

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

34. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. D C R 0 0 0 0 0 1 7 5 0 | Manifest Doc. No. 0 7 4 9 6 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
U. District of Columbia Bldg 52 Rm 407 ATTENT. Bryant
4200 Connecticut Ave NW
Washington, DC 20008

4200 Connecticut Ave NW
Washington, DC 20008

4. Generator's Phone (202) 274-7178

5. Transporter 1 Company Name
Midwest Environmental Transport

6. US EPA ID Number
O H O 0 0 0 0 0 0 5 3 9

A. Transporter's Phone
513-772-1145

7. Transporter 2 Company Name
Midwest Environmental Transport

8. US EPA ID Number
O H O 0 0 0 0 0 0 5 3 9

B. Transporter's Phone
513-772-1145

9. Designated Facility Name and Site Address
Environmental Enterprises, Inc.
4650 Spring Grove Ave.
Cincinnati, OH 45232

10. US EPA ID Number
O H D 0 8 3 3 7 7 0 1 0

C. Facility's Phone
513-541-1823

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. • NON PCB Light Ballast	1	DM	150	P
b. •				
c. •				
d. •				

D. Additional Descriptions for Materials Listed Above
X 70080 1 x 55 DM

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
COD to EMSI Emergency Response# 800-392-1503 & Call 911

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

Printed/Typed Name: Edward Rudnik | Signature | Month 11 | Day 14 | Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James McWilliams | Signature | Month 11 | Day 15 | Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name: Environmental Enterprises, Inc. | Signature | Month | Day | Year

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

GENERATOR'S COPY

12-BLS-C5 Rev. 12/98

THIS MEMORANDUM is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, not a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

EMSI BOL# 07497

Shipper's No. Not Required

Carrier Midwest Environmental Transport, Inc. SCAC _____ Carrier's No. _____

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at Attn: Barbara Riddick, date 11/15/7 from Washington DC

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:	**FROM:**
Consignee Environmental Enterprises, Inc.	Shipper University of the District of Columbia Attn: Barbara Riddick
Street 455 Railroad Plaza	Street Building 32 Room 407 4200 Connecticut Ave NW
Destination Royersford, PA 19468 Zip	Origin Washington DC 20008 Zip
Route	

Delivering Carrier | Vehicle Number | U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
a)	☐		Fluorescent Light Tubes ***Universal Waste*** for recycling			Total Count		
b)	☐		1131 & 407					
c)	☐		48 x 3/4"					
d)	☐		96 x 2 1/2"					
e)	☐		14 x 8 1/2"					
f)	☐		2 x 6 1/2"					
			a) EMSI20168					
			b)					
			c)					
			d)					
			e)					
			f)					

Remit COD to: *BE: Send Certificates of Recycling to EMSI*
Address: 1868 East Gude Dr. Ste. 101
City: Rockville State: MD Zip: 20850

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE: Prepaid ☐ Collect ☐ $

FREIGHT CHARGES: ☐ Prepaid ☐ Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER: University of the District of Columbia Attn: Barbara Riddick CARRIER: Midwest Environmental Transport, Inc.

PER: _____ DATE: 11/15/07 PER: _____ DATE: 11/15/07

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 592 1503

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

29-BLS-C4 970 (Rev. 2/07)

STRAIGHT BILL OF LADING – ORIGINAL – NOT NEGOTIABLE

BOL DC# 07497

Shipper's No. Not Required

Carrier _____ SCAC _____ Carrier's No. _____

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at _____, date _____ from _____

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO:	FROM:
Consignee	Shipper
Street	Street
Destination Zip	Origin Zip
Route	

Delivering Carrier	Vehicle Number	U.S. DOT Hazmat Reg. No.

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
			Fluorescent Light Tubes					
			193 x 4 FT					
			48 x 3 FT					
			83 x 2 FT					
			19 x 8 FT					
			2 x 6 FT					

Remit COD to:
Address:
City: State: Zip:

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ Per

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD AMT: $

TOTAL CHARGES: $

COD FEE:
Prepaid ☐
Collect ☐ $

FREIGHT CHARGES:
☐ Prepaid ☐ Collect

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ BY SHIPPER ☐ BY CARRIER

DRIVER'S SIGNATURE:

SHIPPER
PER: Barbara Riddick DATE:

CARRIER:
PER: DATE:

EMERGENCY RESPONSE TELEPHONE NUMBER: ( )

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604)

29-BLS-C4 970 (Rev. 2/07)