00-00-103 (6/78)

New York State Department of Environmental Conservation

MEMORANDUM

TO:
FROM:
SUBJECT:

DATE:

workplan.hw.152204.2009-07-16.D006130-08_HRP.pdf

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, Room 1224
625 Broadway, Albany, New York 12233-7012
Phone: (518) 402-9764 • **FAX:** (518) 402-9722
Website: www.dec.ny.gov

July 16, 2009

Mr. Jeffrey Sotek, P.E.
HRP Associates, Inc
1 Fairchild Square
Clifton Park, NY 12065

Re: WA Issuance/Notice to Proceed

Dear Mr. Sotek:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) is issuing to your firm and authorizing your firm to proceed with the work assignment (WA) identified below and in the enclosed work plan template for the performance of a Site Characterization at Former Baron-Blakeslee, Bayshore, Town of Islip, Suffolk County.

Please contact DER's Project Manager (PM) immediately to discuss the WA, staffing, time critical work and any site specific concerns.

Contract/WA No.:	D006130-08
Site/Spill No./PIN:	152204
Site/Spill Name:	Former Baron-Blakeslee
Program Element:	Site Characterization
Est. Total WA Budget:	$90,000
Project Manager:	Bob Corcoran
PM Phone No.:	(518) 402-9620
PM E-mail:	rkcorcor@gw.dec.state.ny.us
Contract Manager:	Patricia Kappeller
CM Phone No.:	(518) 402-9572
CM E-mail:	plkappel@gw.dec.state.ny.us
M/WBE Contact:	M/WBE Unit
M/WBE Phone No:	(518) 402-9311
M/WBE E-mail:	enterprise@gw.dec.state.ny.us

Please review your firm's relationship with the Potential Responsible Parties (PRPs) listed on the attachment to the enclosed Conflict of Interest Certification form. Complete the form, accept or reject the WA, and return the form to the Contract Manager (CM) within **5 calendar days** of the date of this letter.

The Schedule 2.11s and M/WBE Utilization Plan for the WA must be completed and sent electronically in a single Adobe® PDF document to the CM within **21 calendar days** of the date of this letter. If multiple sites are included in the WA, Schedule 2.11s must be provided for each site and the total WA. The Schedule 2.11s must be in accordance with the executed standby contract. The Schedule 2.11s should identify areas of work requiring subcontracting and the certified M/WBE firms to be utilized, if known. If the M/WBE Utilization Plan for the WA does not meet the M/WBE goals set forth in the standby contract, an explanation must be provided at the time the M/WBE Utilization Plan is submitted. Standby subcontractors should be utilized to the extent practical. Project specific subcontracts must be procured in accordance with the overall schedule (i.e. a reasonably estimated placeholder cost can be included for services not yet procured). The Schedule 2.11s should identify the management and technical staff assigned to the WA. Include resumes of staff not previously approved by DER. The Schedule 2.11s should reflect the scope of work outlined in the Work Plan Template. A cover letter accompanying the submittal of the Schedule 2.11s should include a brief justification of the budget supported by the Schedule 2.11s. Adobe® PDF are to be submitted in an electronic format that complies with DER's Electronic Document Standards.

If you have any questions regarding the WA's scope of work (work plan template), and/or budget (schedule 2.11s), please contact the PM. Requests for reimbursement for the WA should not be submitted and will not be processed prior to the approval of the schedule 2.11s.

If work is not initiated in a timely manner or the schedule 2.11s are not approved by DER within **60 calendar days** of the date of this letter, the WA may be terminated and reimbursement will be limited to a negotiated amount based on work performed to date of termination.

Sincerely,

Michael J. Cruden, P.E.
Chief
Contracts and Payments Section
Bureau of Program Management
Division of Environmental Remediation

ec: B. Corcoran
P. Kappeller
D. Desnoyers
S. Ervolina
D. Weigel
C. Vasudevan
J. Swartwout
W. Parish
D. Finlayson
T. Wolosen
M/WBE Unit

Contract/WA No. D006130-08
Site/Spill/PIN #152204

New York State Department of Environmental Conservation
Division of Environmental Remediation
Conflict of Interest Certification
for
Standby Contract Work Assignment

I. Potential Responsive Parties

To the best of the New York State Department of Environmental Conservation's knowledge, the potential responsible parties (PRPs) listed on the attachment are the known PRPs, as of the date of the work assignment issuance letter.

II. Conflict of Interest

Please check the appropriate boxes below and provide the necessary explanations:

☐ The Contractor believes there are no potential organization or personal conflicts of interest with the PRPs listed and is accepting the above referenced work assignment.

☐ The Contractor believes there are potential organizational and/or personal conflict(s) as indicated below:

a) ☐ The Contractor believes the conflicts would not prohibit the Contractor from excepting the work assignment

b) ☐ The Contractor believes the conflicts would prohibit the Contractor from excepting the work assignment .

Please explain and include as an attachment what the organizational and/or personal conflicts may be. Please note that organizational and personal conflicts of interest issues that must be addressed are defined in Appendix B, Section III, Conflict of Interest, in the executed standby contract. Additional items to address include the estimated percentage and dollar value that the contractor's business with the PRP bears to the contractor's business as a whole, whether there are mechanisms in place that allow for adequate independent quality assurance such as Professional Engineer certifications, quality assurance quality control of data, independent periodic inspections of work.

III. Certification

The undersigned authorized representative for the contractor indicated below hereby certifies that the information provided in this form or as an attachment to this form is a accurate representation of the relevant facts or circumstances which would give rise to an organizational or personal conflict of interest as defined in Appendix B, Section III, Conflict of Interest, of the executed standby contract indicated below, except as disclosed herein.

_____

Signature of Contractor's Authorized Representative Date

_____

Contractor Name

Please e-mail completed form to DEC Contract Manager within 5 calendar days of the date of the Work Assignment Issuance/Notice to Proceed Letter.

Potential Responsible Parties

General Electric Co,
Baron-Blakeslee Inc
UNC Inc.
Airwork

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 11th Floor
625 Broadway, Albany, New York 12233-7015
Phone: (518) 402-9625 • **FAX:** (518) 402-9022
Website: www.dec.state.ny.us

Alexander B. Grannis
Commissioner

MEMORANDUM

TO: Michael Cruden, Chief, Contracts and Payments Section, DER

FROM: John Swartwout through Chittibabu Vasudevan

SUBJECT: Work Assignment Issuance Request

DATE: 19 June 2009

Site/Spill Name and Number, Location: *Former Baron-Blakeslee* (152204) located in Bayshore, Town of Islip, Suffolk County, New York.

Site/Spill Information: See attached copy of UIS Site Registry Information report.

Conflict of Interest:
General Electric Co.
Baron-Blakeslee Inc.
UNC Inc.
Airwork

Work Element: Site Characterization

Duration: 12 months

Estimated Budget: $90,000

Funding Source: State Superfund

Brief Description of Scope of Work: The goal of this work assignment is to determine if the contaminants from a former solvent repackaging facility pose a significant threat to the public via soil vapor or contaminated groundwater migration. The consultant will be responsible for performing site activities in accordance with DER-10 at the above referenced site. The consultant

will be required to collect groun lwater profile samples upgradient and downgradient of the subject site; conduct soil, soil vapor and groundwater sampling onsite; and prepare a data summary report that describes the activities perf rmed and data findings.

Attachments

ec: Dale Desnoyers
Sal Ervolina
Michael Cruden
Chittibabu Vasudevan
John Swartwout
Walter Parish
Bob Corcoran

Site/Spill No./PIN: **152204** Work Plan Template June 19, 2009
Site/Spill Name: **Former Baron-Blakeslee** Work Element: Site Characterization (SC)

The scope of work will generally encompass activities contained in Work Element I of Schedule 1 Phased Remedial Investigation/Feasibility Study and other work elements as appropriate in the Engineering Standby Contract. Site Characterizations should be conducted in accordance with the "Draft DER-10, Technical Guidance for Site Investigation and Remediation dated 12/25/02" or the latest versions of these documents when available. Quality Assurance/Quality Control (QA/QC) must conform to the most current version of the NYSDEC Analytical Services Protocol (ASP). Soil vapor investigations will be performed in accordance with the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York." Additional information can be found at: http://www.health.state.ny.us/environmental/investigations/soil_gas/svi_guidance

Task 1: Preliminary Activities Notes: 1. The purpose of this investigation is to determine the impact to groundwater from a former solvent repackaging facility, and the potential for offsite migration of contamination via soil gas and groundwater. Existing onsite and offsite monitoring wells will be evaluated for integrity and suitability for water level measurement and sampling. Vertical groundwater profile samples will be taken to evaluate the water column down to 100 feet BGS. Soil gas, subslab vapor and some soil samples will also be evaluated. 2. Unless otherwise approved in writing by the Department's project manager, all work shall conform to standby contractor's pre-approved QAPP, HASP and FAP.	**Task 1: $5,000**
Conduct an historical records search for the site to help target the environmental investigation. The search should document site history, ownership and operator lineage, previous land uses, chemical use (handling, transport, storage, and disposal), contamination records, and engineering site plans if available. It should make full use of previously published reports so as to limit duplication of effort	No
Site Visit Scoping Meeting	One round trip - two people
One Conference Call Scoping Meeting (may be combined with site visit at the discretion of the Department's PM)	Yes
Develop Schedule 2.11's?	Yes
Progress Schedule required?	Yes

An Executive Summary (including a summary of work that will be performed) will be provided to the Department's PM with the 2.11 Packages. Note in the Executive Summary if modification to the pre-approved FAP, QAPP, and HASP will be necessary. If necessary, this work will be included under Task 2 subtask 2.2.	Yes
Task 2: Preliminary Site Assessment Notes: 1. See attached map- Proposed Site Characterization Sampling Locations. 2. Consultant shall provide oversight of all field activities. 3. Depth to groundwater is believed to be approximately 15-20 feet. 4. Laboratory shall be ELAP certified, preliminary results provided in 14 days, category B deliverables provided in 28 days. 5. Water grab samples for metals analysis shall be analyzed for unfiltered and filtered if turbidity is greater than 50 NTU.	**Task 2: $66,000** **Est. Subcontractor: $21,000** **Analytical Analysis: $29,000**

2.1 Geophysical Survey – All proposed subsurface sampling locations will be cleared prior to investigation. **Consultant will obtain all necessary permits and is responsible for utility mark-outs prior to drilling activities.**

Geophysical Survey ($4,000)	1 Ground penetrating radar	___ Electromagnetic Terrain Conductivity	___ Electrical Resistivity Surveys
	___ Magnetometer	___ Downhole Lithology Logging	X Geophysical Report with Images

2.2 Well Survey – Two (2) existing monitoring wells will be evaluated for integrity and suitability for water level measurement and sampling. These wells will be rehabilitated as necessary and feasible.

2.3 Groundwater Sampling – Existing monitoring wells will be sampled if feasible, and thirteen (13) temporary groundwater hydropunch sampling locations will be vertically profiled from the water table down to 100-feet bgs in 15-foot intervals. Groundwater is believed to be 10-15 feet bgs.

The first soil boring will be characterized throughout 100 ft. bgs in order to assess geologic conditions. The remaining boring depths will be determined based on the geologic assessment. If a confining layer is breached, it will be grouted before the borehole is abandoned.

Subsurface Explorations ($16,000)	Anticipated Depths	Soil Samples (visual description - ASTM 2488)	Groundwater Samples
13 Geoprobe/Hydropunch Locations	Soil Borings 20 ft, Profiles 100 ft	4 Macrocore borings continuous to 20 ft 1 Macrocore borings continuous to 100 ft	13 Profiles from 10 to 100 ft. at 15 ft. intervals (7 intervals/hole)

Soil Vapor Evaluation ($4,000)	___ Indoor Air Samples	__5__ Sub-slab Vapor Samples (Temp./Perm.)	__6__ Soil Vapor Sample at 8 ft.
	__1__ Ambient Air Samples	___ Batch Certified TO-15 Analysis	__X__ Individually Certified TO-15 Analysis
ELAP Analysis ($20,000)	Soil Analyses (32 samples)	Water Analyses (154 samples)	Quality Assurance & Quality Control:
91 Groundwater sample intervals/locations.	__8__ Volatiles	__115__ Volatiles	Data Usability Summary Report
Up to 5 soil sample locations	__8__ Semi-Volatiles	__13__ Semi-Volatiles (10 onsite WT samples+ QA/QC)	Field Duplicates - 1 per 20 samples
	__8__ Metals	__13__ Metals (10 onsite WT samples+ QA/QC)	Trip Blanks - 1 per cooler of VOCs
	___ Mercury and Total Cyanide	___ Mercury and Total Cyanide	MS/MSD - 1 per 20 samples
	__8__ PCBs/Pesticides	__13__ PCBs/Pesticides (10 onsite WT samples+ QA/QC)	Field Blanks - 1 per day (water only)
Data Usability Summary Report ($5,000)			
Surveying ($1000)	__24__ NAD 83 within 3 ft	___ NAVD within 0.01 ft	__10__ Vertical within 0.01 ft
Task 3: Final Report - Data Summary Report Notes: The final report shall consist of a documentation of field activities; a site map with all sampling locations and subsurface structures clearly marked and surveyed in via GPS; analytical results with comparison to Department SCGs and groundwater standards; Data Validation/Usability report; and a summary of the findings.			**Task 3: $19,000**

Multi-year work assignments can include a 3% escalation for costs in subsequent years. Administrative level of effort (LOE) should not exceed 4% of the overall LOE. NSPE level IX LOE should be limited to 2% of the total LOE.

Level of Effort (direct labor hours):

Task 1:	80	Estimated Subcontract Costs:	$ 50,000
Task 2:	80	Estimated Direct Non-Salary	$ 40,000
Task 3:	190	Estimated Project Cost	$ 90,000
Total:	350		

Project Milestones:	Calendar Days:
Task 1: Submit Project Management Plan	21 days after Issuance
Site Visit/Scoping Meeting	15 days after Notice to Proceed
Submit Draft Field Activities Plan	20 days after Site Visit/Scoping Meeting
Submit Final Field Activities Plan	15 days after receipt of DEC comments
Task 2: Complete Preliminary Site Assessments	30 days after Field Activities Plan Approval
Task 3: Submit Draft Report/Data Analysis	30 d
Submit Final Report/Data Analysis	15 days after receipt of DEC comments

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

10/24/03

SITE INVESTIGATION INFORMATION

1. SITE NAME	2. SITE NUMBER	3. TOWN/CITY/VILLAGE	4. COUNTY
Former Baron-Blakeslee		Bay Shore	Suffolk

5. REGION	6. PROGRAM TYPE
1	BCP ☐ ERP ☐ SPILL ☐ SUPERFUND X If Superfund: Current ____ Proposed _P__ Modification ____

7. LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location)

a. Quadrangle Greenlawn, NY b. Site Latitude _40_° _45_' _53_" Site Longitude _73_° _17_' _17_"

c. Tax Map Number(s) 500-198-04-4.1 d. Site Street Address 86 Cleveland Ave., Bay Shore NY 11706

8. BRIEFLY DESCRIBE THE SITE (Attach site map showing disposal/sampling locations)

This site is located on the southwest corner of the intersection formed by Cleveland Avenue and South Third Street. The site is approximately 1.81 acres in size, and was formerly used as a storage and repackaging facility for hydrocarbon solvents and other organic chemicals. As of 1987, this site was also used as a maintenance facility for aircraft engines. Baron-Blakeslee, Inc. operated this site between March 1977 through October 1982. Possible wastes generated in the facility included various hydrocarbon solvents, ketones and glycols. Groundwater samples revealed the presence of 1,1,1-trichloroethane and trichloroethylene, as well as other organic compounds. After three years of operating a remediation system, it was determined that the cleanup was only partially completed since the plume has migrated beyond the influence of the recovery wells. The recovery efforts were halted since the operator of the remediation system was unable to route the necessary piping through privately-owned lands.

a. Area _1.81__ acres b. Completed: (X) Env. Property Assessment ( ) Site Characterization ( ) SI ( ) ESI ( ) IRM ( )RI ( ) Construction ( ) OM&M ( ) Spill Response ( )Other_____

9. CONTAMINANTS DISPOSED (Hazardous Waste, Petroleum, Other. Includes EPA Hazardous Waste Numbers)

Various Organic Solvents (F002)

10. ANALYTICAL DATA AVAILABLE

a. ( )Air (X)Groundwater ( )Surface Water ( )Sediment ( )Soil ( )Waste ( )Leachate ( )EPTox ( )TCLP

b. Contravention of Standards or Guidance Values

Chemical Name	Upgradient (ppb)	Downgradient (ppb)
Vinyl Chloride	<1	84
Freon	7	90
1,1-dichloroethane	5	290
1,2-dichloroethylene	68	4200
1,1,1-trichloroethane	6	950
trichloroethylene	3	110
tetrachloroethylene	4	200

Numbers are based on maximum concentrations found in off-site monitoring wells in January 1986. Some of the discharge has been treated with an air stripping facility. However, additional sampling and analysis from two additional monitoring wells (beyond the influence of the recovery wells) confirmed the movement of the plume in the SSE direction with high concentrations of 1,2-dichloroethylene, trichloroethylene and tetrachloroethylene.

11. CONCLUSION

More investigation is needed to assess the current extend of the contamination from the site since the last groundwater analysis was last performed in January 1986. Samples will be taken off-site and any contaminated groundwater plume will be tracked back to the facility to determined the extend of the escaped plume which was not recovered since the last remediation system was set up.

a. Institutional Controls (IC) Required? ( )Y ( )N b. If yes, identify N/A c. Are these ICs in place and verified? ( ) Y ( )N

12. SITE IMPACT DATA

a. Nearest Surface Water: Distance __15,000___ft. Direction SW Class ____U____

b. Groundwater: Depth __9__ft. Flow Direction ____S____ (X)Sole Source ( )Primary ( )Other High-Yield Aquifer

c. Water Supply: Distance __3000__ft. Direction _____W _____ Active (X)Yes ( )No

d. Nearest Building: Distance _(on site)___ft. Direction _____N/A_____ Use __Abandoned____

e. Documented fish or wildlife mortality? ( )Y (X)N

f. Impact on special status fish or wildlife resource? ( )Y (X)N

g. Controlled Site Access? (X)Y ( )N

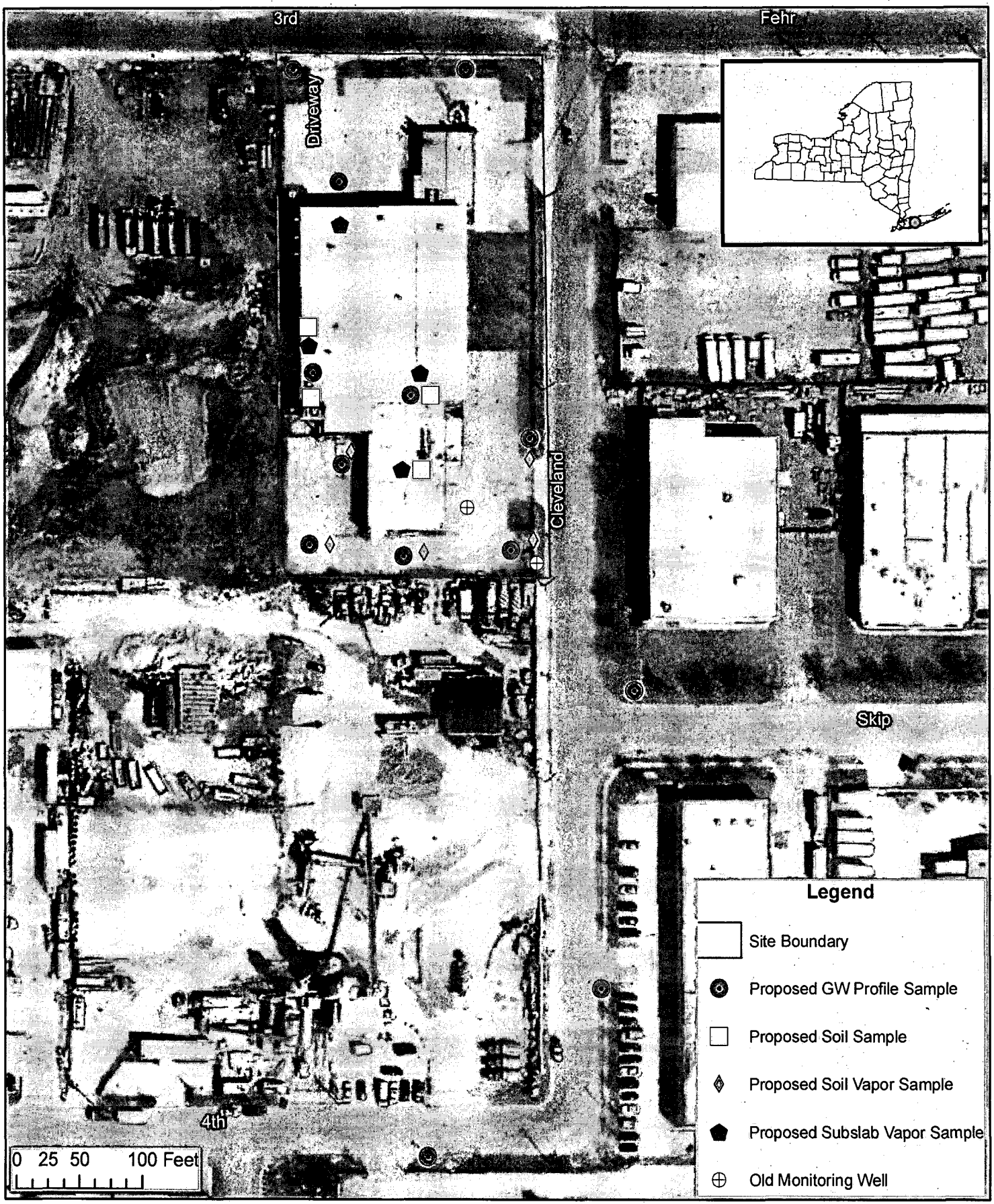
h. Exposed hazardous waste? ( )Y (X)N

i. Site Priority Ranking Sheet ——Impact Score _190___

j. EPA ID#_N/A__ HRS Score _____

13. SITE OWNER'S NAME	14. ADDRESS	15. TELEPHONE NUMBER
UNC Chemco Inc. (c/o General Electric Co.)	Dept. 201, P.O. Box 4900, Scottsdale AZ 85261	

16. PREPARER	17. APPROVED
Ng Chek Beng JAN 25 2006	John B. Swartwout JAN 25 2006
Signature Date	Signature Date
Chek Beng Ng, Environmental Engineer, Div. Of Environmental Remediation	John B. Swartwout, Chief, Section C, Remedial Bureau A
Name, Title, Organization	Name, Title, Organization



New York State Department of Environmental Conservation
Former Baron-Blakeslee Potential Site (P-site) Site No.152204
86 Cleveland Ave, Bayshore
Town of Islip, Suffolk County, New York 11706

Proposed Site Characterization Sampling Locations

N

Created by: RKC
Date:06/17/09

DOB/Office of the Director of State Operations Approved Request

Agency Code: 09000 **Agency:** Environmental Conservation, Department of
Request #: 09000-978-2009
Request Type: Contracts - New
NPS Type: N/A
Agency Contact: Nancy Lussier - 518-402-9228
Date Submitted to DOB: 07/07/2009

Request Title: D006130-08 New Standby Engineering Work Assignment

Description: An encumbrance is needed for a new engineering standby work assignment with HRP Engineering, Contract D006130, Work Assignment #8, Former Baron Blakeslee, Site #152204. The engineering standby contractor will perform a Site Characterization to determine if the contaminants from a former solvent repackaging facility pose a significant threat to the public via soil vapor or contaminated groundwater mitigation.

Justification: The large number of sites, heightened public awareness and the dual goals of protecting human health and the environment all contribute to environmental remediation programs being critical to DER's core mission. If this spending request is not approved, DER would be unable to complete the site characterization and eventual clean up.

Status
Status: Approved
Date Approved: 07/14/2009
DOB Approver: Nancy Reuss
Unit: Economic Development, Energy and Environment Unit
Validated by the Office of the Director of State Operations

Estimated Value
This Request: $ 90,000.00

Contract/WA No. D006130-08
Site/Spill/PIN #152204

New York State Department of Environmental Conservation
Division of Environmental Remediation
Conflict of Interest Certification
for
Standby Contract Work Assignment

I. Potential Responsive Parties

To the best of the New York State Department of Environmental Conservation's knowledge, the potential responsible parties (PRPs) listed on the attachment are the known PRPs, as of the date of the work assignment issuance letter.

II. Conflict of Interest

Please check the appropriate boxes below and provide the necessary explanations:

☒ The Contractor believes there are no potential organization or personal conflicts of interest with the PRPs listed and is accepting the above referenced work assignment.

☐ The Contractor believes there are potential organizational and/or personal conflict(s) as indicated below:

a) ☐ The Contractor believes the conflicts would not prohibit the Contractor from excepting the work assignment

b) ☐ The Contractor believes the conflicts would prohibit the Contractor from excepting the work assignment.

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III. Certification

The undersigned authorized representative for the contractor indicated below hereby certifies that the information provided in this form or as an attachment to this form is a accurate representation of the relevant facts or circumstances which would give rise to an organizational or personal conflict of interest as defined in Appendix B, Section III, Conflict of Interest, of the executed standby contract indicated below, except as disclosed herein.

7/21/09

Signature of Contractor's Authorized Representative Date

Jeffrey Sotek HRP Engineering PC

Contractor Name

Please e-mail completed form to DEC Contract Manager within 5 calendar days of the date of the Work Assignment Issuance/Notice to Proceed Letter.