NCDENR
North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

April 9, 2013

Mr. Brian K. Murphy
U.S. Department of Defense
Harvey Point Defense Testing Activity
2835 Harvey Point Road
Hertford, NC 27944

Re: Executed REC Administrative Agreement
Towers Rd Disposal Area
Hertford, Perquimans County, NC
Site ID No. NONCD0002893

Dear Mr. Murphy:

I have enclosed a copy of the executed Registered Environmental Consultant (REC) Administrative Agreement (AA) for the above site. The effective date of the AA is April 8, 2013. By signing the AA, both the Remediator and the REC have acknowledged that the REC is fully accountable for complying with 15A NCAC 13C .0300 including the deadlines that are established upon execution of this AA and the standards of conduct for RECs in Section .0305(b). The first quarterly letter status report required by Section III.E of the AA is due July 15, 2013.

Per 15A NCAC 13C .0308, the REC must ensure that the Department's ascertainment of the most nearly applicable cleanup standards as would be applied under CERCLA/SARA are met. This includes an evaluation of structural vapor intrusion potential.

In the future, if you need any assistance regarding this project, please contact Matt Aufman at (919) 707-8348 or Matt.Aufman@ncdenr.gov.

Sincerely,

Kim T. Caulk
REC Program
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

cc: Ms. Kim Henderson, CH2MHill (w/ enclosure)

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone: 919-707-8200 \ Internet: www.wastenotnc.org

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NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
SUPERFUND SECTION

IN RE:	**TOWERS RD DISPOSAL AREA** **NONCD0002893** **HERTFORD, NORTH CAROLINA** **PERQUIMANS COUNTY**	**ADMINISTRATIVE AGREEMENT FOR REGISTERED ENVIRONMENTAL CONSULTANT-DIRECTED ASSESSMENT AND REMEDIAL ACTION PURSUANT TO N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300.** **DOCKET NUMBER** 13 **-SF-** 360

I. STATEMENT OF PURPOSE

The purpose of this Administrative Agreement (Agreement) is to provide for implementation by the U.S. Department of Defense (the Remediator) of a voluntary remedial action program pursuant to N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300 at the site defined in Section II. A. of this Agreement.

II. STIPULATIONS OF FACT

A. The "Site" is any area on the property located along Second Avenue and Fifth Avenue, Herford in Perquimans County, North Carolina and currently owned by the US Department of Defense where a hazardous substance has been disposed, deposited, placed or discharged and any other area or property to which the contamination from that disposal, deposition, placement or discharge has come to be located.

B. The Site is an inactive hazardous substance or waste disposal site within the meaning of N.C.G.S. 130A-310(3).

III. WORK TO BE PERFORMED

A. The Remediator shall conduct a voluntary remedial action at the Site in accordance with the provisions of N.C.G.S. 130A-310.9(c), 15A NCAC 13C .0300, and the "Registered Environmental Consultant Program Implementation Guidance" of the North Carolina Division of Waste Management (the Division). The voluntary remedial action shall include the remediation of any hazardous substances as defined in G.S. 130A-310(2) and any contaminants as defined in 15A NCAC 2L that have been disposed, deposited, discarded, discharged, or abandoned at the Site.

B. Within thirty-six (36) months after the execution of this Agreement, the Remediator shall complete a remedial investigation at the Site which complies with the provisions of 15A NCAC 13C .0300 including, but not limited to, .0302(f), .0302(k)-(p), .0306(c)-(h) and .0306(q). For any requirement that has already been met, the Remediator shall specify the location within the document(s) on file with the Superfund Section that show(s) that the requirement has been met. The remedial investigation shall not be considered complete until the Remediator has submitted a remedial investigation report and completion statement, both certified in accordance with .0306(b) by the REC and the Remediator.

C. Within twenty-four (24) months of completion of the remedial investigation or within sixty (60) months after the execution of this Agreement, whichever is earlier, the Remediator shall initiate groundwater remedial action at the Site in compliance with the provisions of 15A NCAC 13C .0300 including, but not limited to, .0302(f), .0302(k) - (p), .0306(c) - (d) and .0306(i) - (n). For any requirement that has already been met, the Remediator shall specify the location within the document(s) on file with the Superfund Section that show(s) that the requirement has been met. Groundwater remedial action shall be considered initiated only upon the submission to the Division of the groundwater remedial action construction completion report, certified in accordance with .0306(b) by the REC and the Remediator, and upon commencement of the actual operation of the remedial system. The remedial action for groundwater shall not be considered complete until the Remediator has submitted, for groundwater, a remedial action completion report and work phase completion statement, both certified in accordance with .0306(b) by the REC and the Remediator.

D. Within ninety-six (96) months after the execution of this Agreement, the Remediator shall complete, for wastes, soils, surface water and sediments at the Site, a remedial action which complies with the provisions of 15A NCAC 13C .0300 including, but not limited to, .0302(f), .0302(k) - (p), .0306(c) - (d), .0306(i) - (n) and .0308. For any requirement that has already been met, the Remediator shall specify the location within the document(s) on file with the Superfund Section that show(s) that the requirement has been met. The remedial action for wastes, soils, surface water and sediments shall not be considered complete until the Remediator has submitted, for these media, a remedial action completion report and work phase completion statement, both certified in accordance with .0306(b) by the REC and the Remediator.

E. The Remediator shall submit quarterly letter status reports on or before the 15th day of January, April, July and October of each year until such time as the REC has prepared and submitted certified completion statements for all contaminated media pursuant to 15A NCAC 13C .0306(b)(5)(D). Each quarterly status report must summarize, in one to two paragraphs, work performed since the last quarterly status report. These status reports must include a statement confirming work is progressing in a manner to achieve the mandatory work phase completion deadlines set out in

15A NCAC 13C .0302(h). These status reports must be certified in accordance with .0306(b) by the REC assigned to this project and the Remediator. A quarterly letter status report may be incorporated with another document such as a remedial investigation work plan, a remedial investigation report, a remedial action plan, etc. if such other document is submitted at the time when a quarterly letter status report is due. Once the REC has prepared and submitted certified completion statements for all contaminated media pursuant to 15A NCAC 13C .0306(b)(5)(D), quarterly letter status reports under this paragraph shall be supplanted with the requirements of progress reporting of remedial action implementation pursuant to 15A NCAC 13C .0306(o).

F. If, after the remedial investigation has been completed pursuant to 15A NCAC 13C. .0306(e), .0306(f), and .0306(h), there is groundwater contamination at the Site in excess of cleanup levels established pursuant to 15A NCAC 13C .0308, the Remediator shall install and monitor sentinel groundwater monitoring wells or utilize existing wells that serve this purpose such that groundwater monitoring data obtained from ongoing monitoring activities will accurately monitor the migration of any contamination at the Site toward any drinking water or production water well that is known to be present within one-thousand (1000) feet of the detectible perimeter of the groundwater contamination at the Site. The Remediator shall notify the Division within twenty-four (24) hours of the time when the Remediator or the Remediator's REC discovers that a sentinel groundwater monitoring well has detectable concentrations of any contamination.

G. After completing the inventory of all identifiable wells used as sources of potable water pursuant to 15A NCAC 13C .0306(g)(6), if any new drinking water wells are installed within one-thousand five-hundred (1500) feet of the Site property boundaries, the Remediator shall notify the Division within twenty-four (24) hours of the time when the Remediator or the Remediator's REC discovers or otherwise finds out about such wells during the normal course of work for the project.

H. If hazardous substances as defined in G.S. 130A-310(2) or other contaminants as defined in 15A NCAC 2L for which the Remediator is responsible have affected any drinking water wells, the Remediator shall, within a time period established by the Division, provide an alternate drinking water source for users of those wells.

I. The Remediator shall ensure that remedial action progress reports are prepared in accordance with 15A NCAC 13C .0306(o).

IV. ADDITIONAL PROVISIONS

A. All work performed pursuant to this Agreement shall be under the direction and supervision of the Division-approved REC specified in Attachment A, in accordance with 15A NCAC 13C .0302(f).

B. All work plans, reports, completion statements and project schedules prepared pursuant to this Agreement shall be certified by a representative of the Remediator in accordance with 15A NCAC 13C .0306(a) and .0306(b)(2).

C. In the event that the REC specified in Attachment A ceases to serve in that capacity at the Site or is disqualified as an REC by the Division, the Remediator's voluntary remedial action status shall be subject to revocation if the Remediator fails to propose a replacement REC within sixty (60) days, in accordance with 15A NCAC 13C .0302(n). In the event that a new REC is retained for the Site, the Remediator shall obtain an Amendment to Attachment A from the Division and within the sixty (60) days mentioned above, shall execute it, cause the new REC also to execute it, and submit it to the Division.

D. The Remediator shall pay an annual administration fee to the Division, in accordance with 15A NCAC 13C .0307(c), to help offset the costs of the Division's audits of voluntary remedial actions.

E. In the event that the Agreement is terminated, other than termination after remedial action completion and final certification by the REC, the Remediator shall, within thirty (30) days, submit to the Division a document containing all information and data that has been collected to date which has not yet been submitted to the Division in a completed certified document. Certification of this document shall be provided in accordance with 15A NCAC 13 C .0306(b)(1) and (2).

F. This is a voluntary agreement. If the Remediator elects to discontinue implementation of work under this Agreement, the Remediator shall notify the Division in writing of such intent and this Agreement shall be dissolved upon the Division's receipt of such written notice. If the Division determines that the Remediator is not complying with the terms of this Agreement in a timely manner, the Division may notify the Remediator in writing of such determination, and the Agreement shall be dissolved upon the Remediator's receipt of such written notice. Further, should the United States Environmental Protection Agency ("the EPA") list the Site, or any portion of it, on the National Priorities List ("the NPL"), should the Site score high enough for listing on the NPL, or should the Division state in writing to the Remediator that it desires that the EPA not be limited in its authority under any portion of the Comprehensive Environmental Response, Compensation and Liability Act, codified at 42 U.S.C. §§ 9601 to 9675, by the existence of this Agreement, then either party may dissolve this Agreement except of the rights and obligations specified in Attachment A. Dissolution on the basis of NPL scoring or to remove any bar to EPA's authority shall be without prejudice to either party to enter into an Administrative Agreement at a later date if allowed by, and subject to, North Carolina law then existing regarding Administrative Agreements. In any of these events, neither party may seek judicial review of the dissolution of this Agreement or has any right, claim or action for breach of this Agreement. In any of these events, the Division shall retain all its applicable enforcement rights against the Remediator,

and the Remediator shall retain all applicable defenses. Notwithstanding the foregoing or the subsequent dissolution of this Agreement, paragraphs IV. E, H, and I and the rights, obligations and duties contained therein shall survive the dissolution of this Agreement. Also, the dissolution of this Agreement shall not revoke, negate and/or otherwise excuse the violation(s) of any applicable statute or rule occurring prior to said dissolution. Additionally, the dissolution of this Agreement shall not revoke, cancel or in any way affect the Remediator's obligation to pay any fee, cost or expense owed to the Division prior to said dissolution.

G. Pursuant to 15A NCAC 13C .0302(g), the Division shall have complete discretion to effect cleanup itself, or directly oversee a Remediator's cleanup, if the Division determines that the Site poses an imminent hazard, if there is significant public concern, if the Division has initiated an enforcement action, if the Division is concerned about material misrepresentations or environmental non-compliance on the part of a party seeking to effect or effecting remedial action at the Site pursuant to this Section, if hazardous substances have migrated to adjoining property, or if other conditions, such as the presence of sensitive environments or mixed wastes (commingled radioactive and chemical wastes), so warrant.

H. Neither the State of North Carolina nor any agency or representative thereof shall be held to be party to any contract involving the Remediator relating to the Site excluding, however, this Agreement.

I. The Remediator shall submit electronic copies of all work plans and reports. Electronic documents should be submitted in a format designated by the Division. Currently, electronic documents should be submitted on CD in high resolution PDFA (minimum 300 dpi) PDF/A format.

The effective date of this Agreement shall be the date on which it is executed by Jim Bateson.

Date Executed: 04/08/2013

By: _____
Jim Bateson, L.G.
Chief, Superfund Section
Division of Waste Management
North Carolina Department of Environment
and Natural Resources

By: _____
(Signature of Party Authorized to Bind Remediator)

JOHN A. GERIG, DIRECTOR
(Typed or Printed Name of Signatory, Title)

HARVEY POINT DEFENSE TESTING ACTIVITY
(Typed or Printed Name of Company)

Attachment A: Confirmation of Retention of a Registered Environmental Consultant

We hereby certify that the Remediator has retained the undersigned Division-approved Registered Environmental Consultant (REC) to implement and oversee a voluntary remedial action at the Site pursuant to N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300, and that the undersigned Division-approved Registered Site Manager (RSM) shall serve as RSM for the voluntary remedial action.

The Remediator affirms that the REC has been provided a full and complete copy of this Agreement prior to signature. The undersigned REC representatives affirm that they have received and read this Agreement. Both the Remediator and REC acknowledge that the REC is fully accountable for complying with 15A NCAC 13C .0300 including the deadlines established upon execution of this Agreement. Should the contractual relationship between the REC and the Remediator terminate or should the REC otherwise cease to be REC of the Site for whatever reason, the Remediator and/or REC shall give notice to the Division in writing within ten (10) days of that termination or cessation.

Remediator:

3/21/13
(Signature Party Authorized to Bind Remediator) (Date)

JOHN A. GERIG, DIRECTOR
(Typed or Printed Name of Signatory, Title)

HARVEY POINT DEFENSE TESTING ACTIVITY
(Typed or Printed Name of Company)

Registered Environmental Consultant:

3/21/13
(Signature of REC Owner, Partner, or Corporate Officer) (Date)

CHRISTOPHER BOZZINI
(Typed or Printed Name of Signatory, Title)

CH2M HILL
(Typed or Printed Name of REC Firm)

Registered Site Manager:

3/21/13
(RSM Signature) (Date)

Kim Henderson
(Typed or Printed Name of RSM)

DEPARTMENT OF DEFENSE
HARVEY POINT DEFENSE TESTING ACTIVITY
2835 HARVEY POINT ROAD
HERTFORD, NC 27944-8470

March 26, 2013

Mr. Kim T. Caulk
NC Division of Waste Management
Inactive Hazardous Sites Branch
REC Program
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Re: Final REC Administrative Agreement
Towers Rd Disposal Area
Hertford, Perquimans County, NC
Site ID No. NONCD0002893

Dear Mr. Caulk,

Enclosed is the final Administrative Agreement (AA) for a Registered Environmental Consultant (REC)-directed, voluntary assessment and remedial action at the Towers Road Disposal site. As required, this document has been signed by both the remediating party and REC.

Should you have any questions, or need any additional documentation, please do not hesitate to contact Brian Murphy, our Environmental and Safety Manager, at (252) 426-4360.

Sincerely,

John A. Gerig
Director HPDTA

Enclosure

JAG/tml