DRAFT – 9-24-14: FOR DISCUSSION PURPOSES ONLY
SUBJECT TO FURTHER GOVERNMENT REVIEW AND REVISION

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2

IN THE MATTER OF THE NEW CASSEL/HICKSVILLE GROUNDWATER CONTAMINATION SUPERFUND SITE 101 Frost Street, LP, 570 Properties, Inc., 2632 Realty Development Corp., Adchem Corporation, Arkwin Industries, Inc., Atlas Graphics, Inc., Barouh Eaton Allen Corp., Charles Pufahl, GTE Operations and Support, Inc., Grand Machinery Exchange, Inc., HDP Printing Industries, Corp., IMC Eastern Corp, Island Transportation Corp. Lincoln Processing Corp., Nest Equities, Inc., Next Millennium Realty, LLC, Osram Sylvania, Inc., Tishcon Corporation, United States Department of Energy, Utility Manufacturing Co., Inc., and Vishay GSI, Inc. Respondents and Settling Parties. Proceeding under Sections 104, 106, 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act, as amended, 42 U.S.C. §§ 9604, 9606, 9607 and 9622	Index No.: CERCLA-02-2014-2020

ADMINISTRATIVE SETTLEMENT AGREEMENT AND ORDER ON CONSENT FOR REMEDIAL DESIGN AND COST RECOVERY

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I. *JURISDICTION AND GENERAL PROVISIONS*

1. This Administrative Settlement Agreement and Order on Consent ("Settlement Agreement") is entered into voluntarily by 101 Frost Street, LP, 570 Properties, Inc., 2632 Realty Development Corp., Adchem Corporation, Arkwin Industries, Inc., Atlas Graphics, Inc., Barouh Eaton Allen, Corp., Charles Pufahl, Grand Machinery Exchange, Inc., GTE Operations and Support, Inc., HDP Printing Industries, Corp., IMC Eastern Corp., Island Transportation Corp., Lincoln Processing Corporation, Nest Equities, Inc., Next Millennium Realty, LLC, Osram Sylvania, Inc., Tishcon Corp., United States Department of Energy, Utility Manufacturing Co., Inc., and Vishay GSI, Inc. ("Respondents and/or Settling Parties") and the United States Environmental Protection Agency, Region 2 ("EPA"). This Settlement Agreement provides that Respondents shall undertake a Remedial Design ("RD"), including various pre-RD studies, at the New Cassel/Hicksville Groundwater Contamination Superfund Site ("Site") in the area downgradient of the New Cassel Industrial Area ("NCIA") and Old Country Road in the unincorporated hamlets of New Cassel and Salisbury, Nassau County, New York (hereinafter referred to as "OU1").

2. This Settlement Agreement is issued to Respondents and Settling Parties by EPA pursuant to the authority vested in the President of the United States under Sections 104, 106, 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended ("CERCLA"), 42 U.S.C. §§ 9604, 9606, 9607, and 9622, which authority was delegated to the Administrator of EPA on January 23, 1987 by Executive Order 12580, 52 Fed. Reg. 2926 (January 29, 1987) and further redelegated to Regional Administrators on May 11, 1994, by EPA Delegation Nos. 14-14-C and 14-14-D, respectively. This authority was further redelegated within Region 2 to the Director of the Emergency and Remedial Response Division by Regional Order No. R-1200, dated November 23, 2004.

3. EPA and Respondents and Settling Parties recognize that this Settlement Agreement has been negotiated in good faith and that the actions undertaken by Respondents and Settling Parties in accordance with this Settlement Agreement do not constitute an admission of any liability. Respondents and Settling Parties do not admit, and retain the right to controvert in any subsequent proceedings other than proceedings to implement or enforce this Settlement Agreement, the validity of the findings of fact in Section IV and the conclusions of law and determinations in Section V. Respondents and Settling Parties agree to comply with and be bound by the terms of this Settlement Agreement.

4. The objectives of EPA, Respondents and Settling Parties in entering into this Settlement Agreement are to protect public health or welfare, or the environment at the Site by Respondents and Settling Parties respectively: (a) performing the remedial design of the remedy set forth in EPA's Record of Decision for OU1 at the Site as more specifically set forth in the OU1 Statement of Work ("OU1 SOW"), attached as Appendix 1 of this Settlement Agreement; or by (b) solely contributing funds for the Work.

5. In accordance with Sections 104(b)(2) and 122(j)(1) of CERCLA, 42 U.S.C. §§ 9604(b)(2) and 9622(j)(1), EPA notified federal natural resource trustee(s) on July 23, 2014 of negotiations with potentially responsible parties regarding the release of hazardous substances

that may have resulted in injury to the natural resources under federal trusteeship and encouraged the trustee(s) to participate in the negotiation of this Settlement Agreement. **[WHAT FEDERAL NRD TRUSTEES AS THE STATE IS THE TRUSTEE OF THE GROUNDWATER AND HAS SETTLED THIS CLAIM???]**

II. *PARTIES BOUND*

1. This Settlement Agreement shall apply to and be binding upon EPA and upon Respondents and Settling Parties and their successors, predecessors in interest and assigns. Any change in ownership or corporate status of any Respondent or Settling Party including, but not limited to, any transfer of assets or real or personal property shall not alter such Respondent's or Settling Party's responsibilities under this Settlement Agreement.

2. Only Respondents are jointly and severally liable for carrying out all activities required by this Settlement Agreement. In the event of the insolvency or other failure of any one or more Respondents to implement the requirements of this Settlement Agreement, the remaining Respondents shall complete all such requirements.

3. Respondents shall ensure that their consultants, contractors, subcontractors, and designated representatives that will be working on the performance of the OU1 SOW ("Contractors") receive a copy of this Settlement Agreement and comply with this Settlement Agreement.

4. The Settling Parties to this Settlement Agreement have contributed an agreed amount of funds toward the Work and by doing so have resolved their alleged responsibility and liability for the Site. The Settling Parties shall have no obligation to perform the Work and shall not perform any Work.

5. The undersigned representative of each Respondent and/or Settling Party certifies that he or she is fully authorized to enter into the terms and conditions of this Settlement Agreement and to execute and legally bind such Respondent and/or Settling Party to this Settlement Agreement.

III. *DEFINITIONS*

1. Unless otherwise expressly provided herein, terms used in this Settlement Agreement which are defined in CERCLA or in regulations promulgated under CERCLA shall have the meaning assigned to them in CERCLA or its implementing regulations. Whenever terms listed below are used in this Settlement Agreement or in the appendices attached hereto, or incorporated by reference into this Settlement Agreement, the following definitions shall apply:

a. "CERCLA" shall mean the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. §§ 9601-9675.

b. "Day" shall mean a calendar day. In computing any period of time under this Settlement Agreement, where the last day would fall on a Saturday, Sunday, or federal holiday, the period shall run until the close of business of the next working day.

c. "Effective Date" shall be the effective date of this Settlement Agreement as provided in Section XXVII (Effective Date and Subsequent Modification).

d. "EPA" shall mean the United States Environmental Protection Agency and any successor departments or agencies of the United States.

e. "Interest" shall mean interest at the rate specified for interest on investments of the EPA Hazardous Substance Superfund established by 26 U.S.C. § 9507, compounded annually on October 1 of each year, in accordance with Section 107(a) of CERCLA, 42 U.S.C. § 9607(a). The applicable rate of interest shall be the rate in effect at the time the interest accrues. The rate of interest is subject to change on October 1 of each year.

f. "National Contingency Plan" or "NCP" shall mean the National Oil and Hazardous Substances Pollution Contingency Plan promulgated pursuant to Section 105 of CERCLA, 42 U.S.C. § 9605, and codified at 40 C.F.R. Part 300, including any amendments thereto.

g. "NCIA" shall mean the New Cassel Industrial Area, encompassing approximately 170 acres of industrial and commercial property, which is bounded by the Long Island Railroad to the north, Frost Street to the east, Old Country Road to the south and Grand Boulevard to the west in North Hempstead, Nassau County, New York.

h. "NYSDEC" shall mean the New York State Department of Environmental Conservation and any successor departments or agencies of the State, defined below.

i. "Operable Unit 1" or "OU1" shall mean the area downgradient of the NCIA and south of the NCIA and Old Country Road, which is located primarily in Salisbury, an unincorporated hamlet located in the Town of Hempstead, and in New Cassel, an unincorporated hamlet located in the Town of North Hempstead. OU1 is depicted generally on the map attached as Appendix 2.

j. "OU1 Statement of Work" or "OU1 SOW" shall mean the statement of work for implementation of the RD for OU1 at the Site which is set forth in Appendix 1 to this Settlement Agreement and any modifications made thereto in accordance with this Settlement Agreement.

k. "OU1 Work Plan" or "RD Work Plan" shall mean the document developed consistent with the OU1 SOW and approved by EPA, and any amendments thereto.

l. "Paragraph" shall mean a portion of this Settlement Agreement identified by an Arabic numeral.

m. "Parties" shall mean EPA, Respondents and Settling Parties.

n. "Performance Standards" shall mean the cleanup standards and Remedial Action Objectives and other measures of achievement of the goals of the Remedial Action set forth in the Record of Decision, defined below, and in Section II of the OU1 SOW.

o. "Record of Decision" or "ROD" shall mean the EPA Record of Decision relating to OU1 of the Site signed on September 30, 2013 by the Director of the Emergency Remedial

Response Division, EPA Region 2, including all attachments thereto, attached hereto as Appendix 3.

p. "Remedial Action" or "RA" shall mean the remedy for OU1 as set forth in the ROD.

q. "Remedial Design" or "RD" shall mean those activities to be undertaken by Respondents to develop the final plans and specifications for the Remedial Action for OU1 pursuant to the RD Work Plan.

r. "Respondents" shall mean working parties (i.e., those parties that are conducting the RD activities under this Settlement Agreement) and shall include [To Be Determined]

s. "Section" shall mean a portion of this Settlement Agreement identified by an upper-case Roman numeral and includes one or more Paragraphs.

t. "Settlement Agreement" shall mean this Administrative Settlement Agreement and Order on Consent, Index No. CERCLA-02-2014-2020 and all appendices attached hereto. In the event of conflict between this Settlement Agreement and any appendix, this Settlement Agreement shall control.

u. "Settling Parties" shall mean non-working parties (those that are not conducting RD and/or RA activities) which have contributed an agreed upon amount to the Settlement and thus resolved their alleged responsibility and liability for the Site, and shall include: [To Be Determined]

v. "Site" shall mean the New Cassel/Hicksville Groundwater Contamination Superfund Site, which is an approximately 6.5 square mile area of groundwater contamination within the Towns of North Hempstead, Hempstead, and Oyster Bay, Nassau County, New York, and associated source areas. The Site is depicted generally on the map attached as Appendix 4.

w. "State" shall mean the State of New York.

x. "United States" shall mean the United States of America.

y. "Waste Material" shall mean (i) any "hazardous substance" under Section 101(14) of CERCLA, 42 U.S.C. § 9601(14), (ii) any "pollutant or contaminant" under Section 101(33) of CERCLA, 42 U.S.C. § 9601(33), and (iii) any "solid waste" under Section 1004(27) of the Solid Waste Disposal Act, as amended, 42 U.S.C. § 6903(27).

z. "Work" shall mean all activities, that Respondents are required to perform under this Settlement Agreement, except those required by Section XIII (Record Retention).

IV. *FINDINGS OF FACT*

1. The Site comprises a widespread area of groundwater contamination within the Towns of North Hempstead, Hempstead, and Oyster Bay, Nassau County, New York. The Site is

estimated to include approximately 6.5 square miles that have been characterized by volatile organic compound ("VOC") contaminated groundwater that has impacted eleven public supply wells, including four Town of Hempstead wells (Bowling Green I and II, Roosevelt Field 10, and Levittown 2A), six Hicksville wells (4-2, 5-2, 5-3, 8-1, 8-3, and 9-3), and one Village of Westbury well (11).

2. The eleven public supply wells provide drinking water to a population of an estimated 38,624.

3. The Towns of North Hempstead, Hempstead, and Oyster Bay encompass residential, commercial and industrial areas.

4. The area comprising OU1 of the Site includes approximately 211 acres and consists of residential properties, as well as many commercial and industrial areas. A part of the Site, upgradient of OU1, is the NCIA.

5. The NCIA was developed for industrial and commercial use during the 1950s through the 1970s and currently has an estimated 200 industrial and commercial properties. On-property leach pools and/or dry wells were generally used for disposal of wastewater until sewers were installed by the mid-1980s.

6. In 1986, as part of a county-wide groundwater investigation, the Nassau County Department of Health ("NCDOH") identified groundwater contamination throughout the NCIA. Six groundwater monitoring wells revealed concentrations of total VOCs above 1,000 micrograms per liter ("ug/L"), with a maximum concentration of nearly 10,000 ug/L. Sampling of deeper groundwater monitoring wells in and downgradient of the NCIA also indicated that contamination has migrated into the Magothy Aquifer to at least 260 feet below ground surface ("bgs") and is present in significant concentrations (2,700 ug/L of total VOCs) at about 100 feet.

7. In 1988, NYSDEC listed the NCIA as a Class 2 site in the New York State Registry of Inactive Hazardous Waste Disposal Sites ("State Registry"). In or around 1994, the NYSDEC delisted the NCIA from the State Registry.

8. In 1990, the Town of Hempstead installed a granular activated carbon ("GAC") system at the location of the two Bowling Green Water District water supply wells. In 1993, the NCDOH approved the GAC system for full operation. The GAC system commenced operations, and it has remained in operation since. In 1995, to supplement the GAC system, construction began for an air stripper tower. Construction of the air stripper tower was completed in 1997. The air stripper tower commenced operations, and it has remained in operation since. Levels of VOCs that exceed groundwater drinking standard have not been detected in the drinking water from the Bowling Green Water District water supply wells.

9. From 1994 to 1999, NYSDEC conducted preliminary site assessments and field investigations to identify the sources of contamination within the NCIA. Based on the findings of these assessments and investigations, 17 individual facilities were identified and listed as Class 2 sites on the State Registry between May 1995 and September 1999.

10. Of the 17 facilities within the NCIA that were listed as Class 2 sites on the State Registry, NYSDEC, under New York State authority, issued nine RODs relating to soil contamination, four RODs relating to groundwater contamination, and eight RODs addressing both groundwater and soil contamination.

11. From 1995 to 2000, NYSDEC conducted groundwater sampling at locations south of the NCIA, Old Country Road, and Grand Boulevard. In September 2000, NYSDEC issued a Remedial Investigation/Feasibility Study Report under New York State authority for the "New Cassel Industrial Area Off-site Groundwater." NYSDEC determined that PCE, TCE, and TCA above New York State standards, criteria, and guidance were present in the groundwater downgradient of the NCIA in the area which EPA has designated as OU1.

12. Based on NYSDEC's investigations for the "New Cassel Industrial Area Off-site Groundwater," NYSDEC determined that VOCs disposed of in the NCIA were released at and/or had migrated from the NCIA to groundwater downgradient of the NCIA. In 2003, NYSDEC selected a remedy under its state authorities to address the "New Cassel Industrial Area Off-site Groundwater," which consisted of remediation of the upper and deep portion of the aquifer (to a depth of 225 feet bgs) with in-well vapor stripping/localized vapor treatment. NYSDEC's remedy included a contingency plan to utilize ex-situ extraction and treatment if pilot testing determined that NYSDEC's selected remedy was less practical because of engineering or economic reasons. NYSDEC's remedy for the "New Cassel Industrial Area Off-site Groundwater" was considered the third operable unit of NYSDEC's Class 2 NCIA site on New York State's Registry of Inactive Hazardous Waste Disposal Sites. This third operable unit covers a portion of the area that EPA has designated as OU1. Pre-design investigations conducted by NYSDEC consultants resulted in a determination that in-well vapor stripping may not be an effective technology for remediating the groundwater. NYSDEC decided that the contingency remedy was more appropriate and commenced pre-design studies of this technology. NYSDEC never implemented the remedy selected in 2003 for the "New Cassel Industrial Area Off-site Groundwater."

13. By letter dated December 27, 2010, NYSDEC requested that EPA nominate the following areas to the national priorities list ("NPL") of releases: the area encompassing contaminated groundwater migrating from the NCIA Sites, Off-site Groundwater South of the NCIA (NYSDEC's Operable Unit No. 3); the General Instruments Corp. (NYSDEC's Operable Unit 2); and 70-140 Cantiague Rock Rd/Former Sylvania (also NYSDEC's Operable Unit 2). The New Cassel/Hicksville Groundwater Contamination Site, as defined in Paragraph 11.v. above, was listed on the NPL on September 16, 2011.

14. On July 19, 2013, EPA issued a Supplemental Remedial Investigation Memorandum which, among other things, summarized the groundwater data collected by NYSDEC through 2011 in the area designated by EPA as OU1. EPA determined that three groundwater plumes exist at OU1 (the eastern, central, and western plumes). These plumes are characterized by chlorinated VOCs, primarily PCE, TCE and TCA. In the eastern plume, the highest concentrations of PCE (16,000 ug/L) and TCE (1,800 ug/L) were observed during the NYSDEC's April 2011 pre-design investigation sampling. In the central plume, the highest concentrations of TCA (1,400 ug/L), PCE (330 ug/L), and TCE (1,800 ug/L) were observed during NYSDEC's 2008 pre-design investigation sampling. In the western plume, the highest

concentrations of PCE (3,700 ug/L) and TCE (5,100 ug/L) were observed during NYSDEC's 2008 pre-design investigation sampling. Other contaminants found in the groundwater at OU1 include vinyl chloride, chloroform, cis-1,2-dichloroethene, 1,1-dichloroethene, 1,1,-dichloroethane, 1,2-dichlorobenzene and 1,1,2,2-tetrachloroethane.

15. EPA's Human Health Risk Assessment found unacceptable future noncancer and cancer risks to human health based on the presence of VOCs in the groundwater at OU1 at the Site.

16. Based on the results of the Supplemental Remedial Investigation and the Supplemental Feasibility Study for OU1 completed on July 23, 2013, EPA issued a ROD for OU1 on September 30, 2013, in which it selected a remedy for OU1 at the Site. The OU1 remedy includes, but is not limited to, the following: 1) a combination of in-situ treatment of groundwater via in-well vapor stripping and extraction of groundwater via pumping and ex-situ treatment of extracted groundwater prior to discharge to a publically owned treatment works or reinjection to groundwater to establish containment and effectuate removal of contaminant mass where concentrations of total VOCs are greater than 100 ug/L; 2) in-situ chemical treatment to target high concentration contaminant areas, as appropriate; 3) implementation of long-term monitoring to track and monitor changes in groundwater in OU1 to ensure the remedial action objectives are achieved; 4) development of a Site Management Plan to ensure proper management of the remedy post-construction; and 5) institutional controls consisting of any existing local requirements that prevent installation of drinking water wells and informational devices to limit exposure to contaminated groundwater. The selection of the interim remedy for OU1 presumes the effective continuation of ongoing response actions at the NCIA facilities being overseen by NYSDEC pursuant to New York State authority.

17. 299 Main Street, 570 Main Street, 567 Main Street, 686 Main Street, 700 Main Street, 770 Main Street, 118-130 Swalm Street, 125 State Street, 29 New York Avenue, 30-36 New York Avenue and 30-33 Brooklyn Avenue, 62 Kinkel Street, 36 Sylvester Street, 89 Frost Street, and 101 Frost Street in Westbury, NY (hereinafter "NCIA Properties") and, 70-140 Cantiague Rock Road, and 600 West John Street in Hicksville, NY are properties where EPA contends hazardous substances have been deposited, stored, disposed of, placed, or otherwise come to be located.

18. Respondents and Settling Parties are current owners or operators of properties within the Site from which EPA contends that hazardous substances were released, and/or owners or operators at the time of disposal of hazardous substances at properties within the Site. Respondents and Settling Parties do not admit that such releases occurred at their properties.

V. *CONCLUSIONS OF LAW AND DETERMINATIONS*

1. EPA contends that the NCIA Properties are "facilities" within the meaning of Section 101(9) of CERCLA, 42 U.S.C § 9601(9).

2. EPA contends that the Site and the NCIA Properties together, is a "facility" within the meaning of Section 101(9) of CERCLA, 42 U.S.C. §9601(9).

3. EPA contends that the contamination found at the Site, as identified in the Findings of Fact above, includes hazardous substances as defined in Section 101(14) of CERCLA, 42 U.S.C. § 9601(14).

4. EPA contends that the discharge, dumping, and/or disposal of hazardous substances at the Site constitutes a "release" of hazardous substances into the environment as the term "release" is defined in Section 101(22) of CERCLA, 42 U.S.C. § 9601(22). EPA contends that there is a threat of further releases of hazardous substances at and from the Site.

5. EPA contends that Respondents and Settling Parties are responsible parties within the meaning of Section 107(a)(1) and/or (2) of CERCLA, 42 U.S.C. §9607(a)(1) and/or (2), because they are owners or operators of facilities within the Site and/or owned and/or operated facilities within the Site at which hazardous substances were released.

6. EPA contends that each Respondent and Settling Party is a "person" as defined in Section 101(21) of CERCLA, 42 U.S.C. § 9601(21).

7. EPA contends that Respondents and Settling Parties are jointly and severally liable to EPA for performance of response actions under this Settlement Agreement.

8. Respondents and Settling Parties have been given an opportunity to discuss with EPA the basis for issuance of this Settlement Agreement and its terms.

9. EPA contends that the actions required by this Settlement Agreement are necessary to protect the public health or welfare or the environment, are in the public interest, are consistent with CERCLA and the NCP, and are expected to expedite effective remedial action.

10. EPA has determined that Respondents are qualified to conduct the RD pursuant to this Settlement Agreement within the meaning of Section 104(a) of CERCLA, 42 U.S.C. § 9604(a). EPA has also determined that Respondents will carry out the Work properly and promptly, in accordance with Sections 104(a) and 122(a) of CERCLA, 42 U.S.C. §§ 9604(a) and 9622(a).

VI. *ORDER*

1. Based upon the foregoing Findings of Fact, Conclusions of Law, Determinations, and the Administrative Record for the ROD, it is hereby ordered and agreed that Respondents and Settling Parties shall comply with all provisions of this Settlement Agreement, as applicable to such entity, including, but not limited to, all attachments to this Settlement Agreement and all documents incorporated by reference into this Settlement Agreement.

VII. *DESIGNATED EPA PROJECT MANAGER AND RESPONDENTS' PROJECT COORDINATOR*

1. Selection of Contractors, Personnel. All Work performed under this Settlement Agreement shall be under the direction and supervision of qualified personnel. Within 60 days of the Effective Date, and before the Work outlined below begins, Respondents shall notify EPA in

writing of the names, titles, and qualifications of the personnel, including contractors, subcontractors, consultants, and laboratories to be used in carrying out such Work. With respect to any proposed contractor, Respondents shall demonstrate that the proposed contractor has a quality system that complies with The Uniform Federal Policy for Implementing Quality Systems (UFP-QS), (EPA/505/F-03/001, March 2005 by submitting a copy of the proposed contractor's Quality Management Plan ("QMP"). The qualifications of the persons undertaking the Work for Respondents shall be subject to EPA's review, for verification that such persons meet minimum technical background and experience requirements. This Settlement Agreement is contingent on Respondents' demonstration to EPA's satisfaction that Respondents are qualified to perform properly and promptly the actions set forth in this Settlement Agreement. If EPA disapproves in writing of any person's technical qualifications, Respondents shall notify EPA of the identity and qualifications of the replacements within 10 days of the written notice. If EPA subsequently disapproves of the replacement, EPA reserves the right to terminate this Settlement Agreement and to perform the RD, and to seek reimbursement for costs and penalties from Respondents. During the course of the Work, Respondents shall notify EPA in writing of any changes or additions in the personnel used to carry out such Work, providing their names, titles, and qualifications. EPA shall have the same right to disapprove changes and additions to personnel as it has hereunder regarding the initial notification.

2. Within 60 days after the Effective Date, Respondents shall designate a Project Coordinator who shall be responsible for administration of all actions by Respondents required by this Settlement Agreement and shall submit to EPA the designated Project Coordinator's name, address, telephone number, and qualifications. To the greatest extent possible, the Project Coordinator shall be present on Site or readily available during Site Work. EPA retains the right to disapprove of the designated Project Coordinator. If EPA disapproves of the designated Project Coordinator, Respondents shall retain a different Project Coordinator and shall notify EPA of that person's name, address, telephone number, and qualifications within 10 days following EPA's disapproval. Respondents shall have the right to change their Project Coordinator, subject to EPA's right to disapprove. Respondents shall notify EPA 30 days before such a change is made. The initial notification may be made orally, but shall be promptly followed by a written notification. Receipt by Respondents' Project Coordinator of any notice or communication from EPA relating to this Settlement Agreement shall constitute receipt by Respondents.

3. EPA has designated Jennifer LaPoma of the New York Remediation Branch, Emergency and Remedial Response Division, EPA Region 2, as its Remedial Project Manager ("RPM"). EPA will notify Respondents of a change of its designated RPM. Except as otherwise provided in this Settlement Agreement, Respondents shall direct all submissions required by this Settlement Agreement to the RPM via email at lapoma.jennifer@epa.gov or by first class mail, at U.S. EPA, Region 2, 290 Broadway, 20th Floor, New York, NY 10007.

4. EPA's RPM shall have the authority lawfully vested in an RPM and On-Scene Coordinator ("OSC") by the NCP. In addition, EPA's RPM shall have the authority consistent with the NCP, to halt any Work required by this Settlement Agreement, and to take any necessary response action when s/he determines that conditions at the Site may present an immediate endangerment to public health or welfare or the environment. The absence of the EPA RPM from

the area under study or where Work under this Settlement Agreement is being performed shall not be cause for the stoppage or delay of Work.

VIII. *WORK TO BE PERFORMED*

1. Respondents shall perform all actions necessary to implement the Work as set forth in the OU1 SOW. All Work performed shall be in accordance with the provisions of this Settlement Agreement, the OU1 SOW, CERCLA, the NCP, and all applicable EPA guidance, including, but not limited to guidances referenced in the OU1 SOW, as may be amended or modified by EPA. EPA's Remedial Project Manager shall use her best efforts to inform Respondents if new or revised guidances may apply to the Work. The OU1 SOW and all deliverables required by the OU1 SOW, are incorporated into and an enforceable part of this Settlement Agreement.

2. Within one hundred and twenty (120) days after the Effective Date, Respondents shall submit to EPA the OU1 Work Plan for the design of the Remedial Action for OU1 at the Site.

3. Modification of the Work Plans.

a. If at any time during the performance of the RD, Respondents identify a need for additional data, Respondents shall submit a memorandum documenting the need for additional data to the EPA RPM within thirty (30) days of identification. EPA in its discretion will determine whether the additional data will be collected by Respondents and whether it will be incorporated into plans, reports, and other deliverables.

b. In the event of unanticipated or changed circumstances at the Site, Respondents shall notify the EPA RPM by telephone within 72 hours of discovery of the unanticipated or changed circumstances. In the event that EPA determines that the unanticipated or changed circumstances warrant changes in the RD Work Plan, EPA, after consultation with Respondents and their Contractor, shall modify or amend the RD Work Plan in writing accordingly. Respondents shall either perform the RD Work Plan as modified or amended or, if Respondents do not agree with EPA's modification or amendment of the RD Work Plan, Respondents shall invoke dispute resolution in accordance with the provisions of Section XVI.

c. EPA may determine that in addition to tasks defined in the initially approved RD Work Plan, other additional Work may be necessary to accomplish the objectives of the RD. Respondents agree to perform these response actions in addition to those required by the initially approved RD Work Plan, including any approved modifications, if EPA determines that such actions are necessary for a complete the RD.

d. Respondents shall confirm their willingness to perform the additional Work in writing to EPA within 7 business days of receipt of the EPA request. If Respondents object to any modification determined by EPA to be necessary pursuant to this Paragraph, Respondents may seek dispute resolution pursuant to Section XVI (Dispute Resolution). The RD SOW and/or RD Work Plan shall be modified in accordance with the final resolution of the dispute.

4. Off-Site Shipment of Waste Material. Respondents shall, prior to any off-site shipment of Waste Material from the Site to an out-of-state waste management facility, provide written notification of such shipment of Waste Material to the appropriate state environmental official in the receiving facility's state and to EPA's Designated Project Coordinator. However, this notification requirement shall not apply to any off-site shipments when the total volume of all such shipments will not exceed 10 cubic yards.

a. Respondents shall include in the written notification the following information: (1) the name and location of the facility to which the Waste Material is to be shipped; (2) the type and quantity of the Waste Material to be shipped; (3) the expected schedule for the shipment of the Waste Material; and (4) the method of transportation. Respondents shall notify the state in which the planned receiving facility is located of major changes in the shipment plan, such as a decision to ship the Waste Material to another facility within the same state, or to a facility in another state.

b. The identity of the receiving facility and state will be determined by Respondents following the award of the contract for the remedial design. Respondents shall provide the information required by Paragraph 48.a and 48.c as soon as practicable after the award of the contract and before the Waste Material is actually shipped.

c. Before shipping any hazardous substances, pollutants, or contaminants from the Site to an off-site location, Respondents shall obtain EPA's certification that the proposed receiving facility is operating in compliance with the requirements of CERCLA Section 121(d)(3), 42 U.S.C. § 9621(d)(3), and 40 C.F.R. § 300.440. Respondents shall only send hazardous substances, pollutants, or contaminants from the Site to an off-site facility that complies with the requirements of the statutory provision and regulation cited in the preceding sentence.

5. Meetings. Respondents shall make presentations at, and participate in, meetings at the request of EPA during the initiation, conduct, and completion of the RD. In addition to discussion of the technical aspects of the RD, topics will include anticipated problems or new issues. Meetings will be scheduled at EPA's discretion.

6. Emergency Response and Notification of Releases.

a. In the event of any action or occurrence during performance of the Work, which causes or threatens a release of Waste Material from the Site that constitutes an emergency situation or may present an immediate threat to public health or welfare or the environment, Respondents shall immediately take all appropriate action to prevent, abate, or minimize such release or threat of release and shall immediately notify the EPA RPM at 212-637-4328, or, in the event of her unavailability, Respondents shall immediately notify the Chief of the Response and Prevention Branch of the Emergency and Remedial Response Division of EPA, Region 2, at 732-321-6645 of the incident or Site conditions. Respondents shall take such actions in consultation with EPA's RPM, or other available authorized EPA officer, and in accordance with all applicable provisions of this Settlement Agreement, including, but not limited to, the Health and Safety Plans, the Contingency Plans, and any other applicable plans or documents developed pursuant to the OU1 SOW. In the event that Respondents fail to take appropriate response action as required

by this Paragraph, and EPA takes such action instead, Respondents shall reimburse EPA all costs of the response action not inconsistent with the NCP.

b. Nothing in the preceding paragraph shall be deemed to limit any authority of the United States to take, direct, or order all appropriate action to protect human health and the environment or to prevent, abate, or minimize an actual or threatened release of hazardous substances on, at, or from the Site.

c. In addition, in the event of any release of a hazardous substance from the Site, Respondents shall immediately notify the National Response Center at (800) 424-8802. Respondents shall submit a written report to EPA within seven (7) days after each release, setting forth the events that occurred and the measures taken, or to be taken, to mitigate any release or endangerment caused or threatened by the release and to prevent the reoccurrence of such a release. This reporting requirement is in addition to, and not in lieu of, reporting under Section 103(c) of CERCLA, 42 U.S.C. § 9603(c), and Section 304 of the Emergency Planning and Community Right-To-Know Act of 1986, 42 U.S.C. § 11004, et seq.

IX. *EPA APPROVAL OF PLANS AND OTHER SUBMISSIONS*

1. After review of any plan, report, or other item that is required to be submitted by Respondents for approval pursuant to this Settlement Agreement, EPA shall: (a) approve, in whole or in part, the submission; (b) approve the submission upon specified conditions; (c) modify the submission to cure the deficiencies; (d) disapprove, in whole or in part, the submission, directing that Respondents modify the submission; or (e) any combination of the above. However, EPA shall not modify a submission without first providing Respondents at least one notice of deficiency and an opportunity to cure within twenty one (21) days or other time frame as determined by EPA, except where to do so would cause serious disruption to the Work or where previous submission(s) have been disapproved because of material defects.

2. In the event of approval, approval upon conditions, or modification by EPA pursuant to subparagraphs 51 (a), (b) or (c) above, Respondents shall proceed to take any action required by the plan, report, or other deliverable, as approved or modified by EPA subject only to their right to invoke the Dispute Resolution procedures set forth in Section XVI (Dispute Resolution) with respect to the modifications or conditions made by EPA. Following EPA approval or modification of a submission or portion thereof, Respondents shall not thereafter alter or amend such submission or portion thereof unless directed by EPA.

3. <u>Resubmission of Plans.</u>

a. Upon receipt of a notice of disapproval pursuant to Paragraph 51.d, Respondents shall, within twenty-one (21) days or such longer time as specified by EPA in such notice, correct the deficiencies and resubmit the plan, report, or other deliverable for approval.

b. Notwithstanding the receipt of a notice of disapproval pursuant to Paragraph 51, Respondents shall proceed, at the direction of EPA, to take any action required by any non-deficient portion of the submission.

c. Respondents shall not proceed further with any subsequent activities or tasks relating to the RD until receiving EPA approval, approval on condition, or modification of the RD Work Plan. While awaiting EPA approval, approval on condition, or modification of either of these deliverables, Respondents shall proceed with other tasks and activities that may be conducted independently of either of these deliverables, in accordance with EPA-approved schedules.

d. For all remaining deliverables not listed above in Subparagraph 53.c, Respondents shall proceed with all subsequent tasks, activities, and deliverables without awaiting EPA approval on the relevant submitted deliverable. EPA reserves the right to stop Respondents from proceeding further, either temporarily or permanently, on any task, activity, or deliverable at any point.

4. If EPA disapproves a resubmitted plan, report, or other deliverable, or portion thereof, EPA may again direct Respondents to correct the deficiencies. EPA also retains the right to modify or develop the plan, report, or other deliverable. Respondents shall implement any such plan, report, or deliverable as corrected, modified, or developed by EPA, subject only to Respondents' right to invoke the procedures set forth in Section XVI (Dispute Resolution).

5. If, upon resubmission, a plan, report, or other deliverable is disapproved or modified by EPA because of a material defect, Respondents shall be deemed to have failed to submit such plan, report, or other deliverable timely and adequately, unless Respondents invoke the dispute resolution procedures in accordance with Section XVI (Dispute Resolution) and EPA's action is revoked or substantially modified pursuant to a Dispute Resolution decision issued by EPA or superseded by an agreement reached pursuant to that Section. The provisions of Section XVI (Dispute Resolution) shall govern the implementation of the Work.

6. In the event that EPA takes over some but not all of the tasks required to be performed under this Settlement Agreement, Respondents shall incorporate and integrate information supplied by EPA into the final reports.

7. All plans, reports, and other deliverables submitted to EPA under this Settlement Agreement shall, upon approval or modification by EPA, be incorporated into and enforceable under this Settlement Agreement. In the event EPA approves or modifies a portion of a plan, report, or other deliverable submitted to EPA under this Settlement Agreement, the approved or modified portion shall be incorporated into and become enforceable under this Settlement Agreement.

8. Neither failure of EPA to expressly approve or disapprove of Respondents' submissions within a specified time period, nor the absence of comments, shall be construed as approval by EPA. Whether or not EPA gives express approval for Respondents' deliverables, Respondents are responsible for preparing deliverables acceptable to EPA.

X. *SUBMISSION OF PLANS AND REPORTING REQUIREMENTS*

1. Reporting.

a. Respondents shall submit a written progress report to EPA concerning actions undertaken pursuant to this Settlement Agreement as provided in the OU1 SOW and pursuant to the schedules provided in the OU1 SOW until termination of this Settlement Agreement, unless otherwise directed in writing by EPA.

b. Respondents shall submit copies of all plans, reports, or other submissions required by this Settlement Agreement, the OU1 SOW, or any approved work plan as set forth below. Submission of any electronic submissions, if requested by EPA, must be in a format that is compatible with EPA software and in database files and sizes to be specified by EPA. Reports should be submitted to the following:

1 hard copy and 1 electronic copy to:

U.S. Environmental Protection Agency Region 2
290 Broadway, 20th Floor
New York, New York 10007
Attention: New Cassel/Hicksville Groundwater Contamination Superfund Site Remedial Project Manager
212-637-4328
Lapoma.jennifer@epa.gov

1 electronic copy to:

New York/Caribbean Superfund Branch
Office of Regional Counsel
United States Environmental Protection Agency Region II
290 Broadway, 17th Floor
New York, New York 10007-1866
Attention: Attorney for New Cassel/Hicksville Groundwater Contamination Site
212-637-3183
kivowitz.sharon@epa.gov

1 hard copy and 1 electronic copy to:

Jeffrey L. Dyber, P.E.
Environmental Engineer 2
New York State Department of Environmental Conservation
Remedial Bureau A
625 Broadway
Albany, NY 12233-7015
518-402-9621
jldyber@gw.dec.state.ny.us

1 electronic copy to:

Jacqueline Nealon
New York State Department of Health
jen02@health.state.ny.us

XI. *QUALITY ASSURANCE, SAMPLING, AND ACCESS TO INFORMATION*

1. Quality Assurance. Respondents shall assure that Work performed, samples taken, and analyses conducted conform to the requirements of the OU1 SOW, the Quality Assurance Project Plan ("QAPP"), and guidances identified therein. Respondents will assure that field personnel used by Respondents are properly trained in the use of field equipment and in chain of custody procedures. Respondents shall only use laboratories that have a documented quality system that complies with "EPA Requirements for Quality Management Plans (QA/R-2)" (EPA/240/B-01/002, March 2001; Reissued May 2006) or equivalent documentation as determined by EPA.

2. Sampling.

a. All results of sampling, tests, modeling, or other data (including raw data) generated by Respondents, or on Respondents' behalf, during the period that this Settlement Agreement is effective, shall be submitted to EPA in the next monthly progress report as more fully set forth in the OU1 SOW. EPA will make available to Respondents validated data generated by EPA unless it is exempt from disclosure by any federal or state law or regulation.

b. Respondents shall verbally notify EPA at least seven (7) days prior to conducting significant field events as described in the OU1 SOW, Work Plans, or Sampling and Analysis Plans. At EPA's verbal or written request, or the request of EPA's oversight assistant, Respondents shall allow split or duplicate samples to be taken by EPA (and its authorized representatives) of any samples collected in implementing this Settlement Agreement. All split samples of Respondents shall be analyzed by the methods identified in the QAPP.

3. Access to Information.

a. Respondents shall provide to EPA, upon request, copies of all documents and information within their possession or control or that of their Contractors or agents relating to activities at the Site or to the implementation of this Settlement Agreement, including, but not limited to, sampling, analysis, chain of custody records, manifests, trucking logs, receipts, reports, sample traffic routing, correspondence, or other documents or information related to the Work. Respondents shall also make available to EPA, for purposes of investigation, information gathering, or testimony, their employees, agents, or representatives with knowledge of relevant facts concerning the performance of the Work.

b. Respondents and Settling Parties may assert business confidentiality claims covering part or all of the documents or information submitted to EPA under this Settlement Agreement to the extent permitted by and in accordance with Section 104(e)(7) of CERCLA, 42 U.S.C. § 9604(e)(7), and 40 C.F.R. § 2.203(b). Documents or information determined to be

confidential by EPA will be afforded the protection specified in 40 C.F.R. Part 2, Subpart B. If no claim of confidentiality accompanies documents or information when it is submitted to EPA, or if EPA has notified Respondents and/or Settling Parties that the documents or information are not confidential under the standards of Section 104(e)(7) of CERCLA or 40 C.F.R. Part 2, Subpart B, the public may be given access to such documents or information without further notice to Respondents. Respondents and Settling Parties shall segregate and clearly identify all documents or information submitted under this Settlement Agreement for which Respondents and Settling Parties assert business confidentiality claims.

c. Respondents and Settling Parties may assert that certain documents, records, and other information are privileged under the attorney-client privilege or any other privilege recognized by federal law. If the Respondents and Settling Parties assert such a privilege in lieu of providing documents, they shall provide EPA with the following: (i) the title of the document, record, or information; (ii) the date of the document, record, or information; (iii) the name and title of the author of the document, record, or information; (iv) the name and title of each addressee and recipient; (v) a description of the contents of the document, record, or information; and (vi) the privilege asserted by Respondents and/or Settling Parties. However, no documents, reports, or other information created or generated pursuant to the requirements of this Settlement Agreement shall be withheld on the grounds that they are privileged or confidential.

d. No claim of confidentiality shall be made with respect to any data, including, but not limited to, all sampling, analytical, monitoring, hydrogeologic, scientific, chemical, or engineering data, or any other documents or information evidencing conditions at or around the Site.

4. In entering into this Settlement Agreement, Respondents waive any objections to any data gathered, generated, or evaluated by EPA, the State or Respondents in the performance or oversight of the Work that has been verified according to the quality assurance/quality control ("QA/QC") procedures required by the Settlement Agreement or any EPA-approved RI/FS Work Plans or Sampling and Analysis Plans. If Respondents object to any other data relating to the RI/FS, Respondents shall submit to EPA a report that specifically identifies and explains its objections, describes the acceptable uses of the data, if any, and identifies any limitations to the use of the data. The report must be submitted to EPA within 15 days of the monthly progress report containing the data.

XII. *SITE ACCESS*

1. If any Respondent or Settling Party owns or controls any part of the Site, or any other property where access is needed to implement this Settlement Agreement, such Respondent or Settling Party shall, commencing on the Effective Date, provide EPA and its representatives, including Contractors, with access at all reasonable times to the Site, or such other property, to conduct any activity related to this Settlement Agreement. Such Respondent or Settling Party shall, at least 30 days prior to the conveyance of any interest in real property at the Site, give written notice to the transferee that the property is subject to this Settlement Agreement and written notice to EPA of the proposed conveyance, including the name and address of the transferee. Such Respondent or Settling Party also agrees to require that its successors comply

with the immediately preceding sentence, this Section, and Section XI (Quality Assurance, Sampling and Access to Information).

2. Where any action under this Settlement Agreement is to be performed in areas owned by, or in possession of, someone other than a Respondent or Settling Party, Respondents shall use their best efforts to obtain all necessary access agreements within 30 days after EPA's approval of the RD Work Plan, or as otherwise specified in writing by EPA. Respondents shall immediately notify EPA if, after using their best efforts, they are unable to obtain such agreements. For purposes of this Paragraph, "best efforts" includes the payment of reasonable sums of money in consideration of access. Respondents shall describe in writing their efforts to obtain access and any delays in Respondents' obtaining access to conduct Work must be added by EPA to the Schedules imposed by the Work. EPA may in its sole discretion then assist Respondents in gaining access, to the extent necessary to effectuate the response actions described herein, using such means as EPA deems appropriate.

3. Notwithstanding any provision of this Settlement Agreement, EPA retains all of its access authorities and rights, including enforcement authorities related thereto, under CERCLA, the Resource Conservation and Recovery Act ("RCRA"), and any other applicable statutes or regulations.

4. If Respondents cannot obtain access agreements, EPA may obtain access for Respondents, perform those tasks or activities with EPA contractors, or terminate the Settlement Agreement. If EPA performs those tasks or activities with EPA contractors and does not terminate the Settlement Agreement, Respondents shall perform all other activities not requiring access to such property and shall reimburse EPA for all costs incurred in performing such activities. Respondents shall integrate the results of any such tasks undertaken by EPA into its reports and deliverables.

XIII. *RECORD RETENTION*

1. During the pendency of this Settlement Agreement and until ten (10) years after Respondents' receipt of EPA's notification that the Work has been completed, Respondents shall preserve and retain all non-identical copies of documents, records, and other information (including documents, records, or other information in electronic form) now in their possession or control or which come into its possession or control that relate in any manner to the performance of the Work or the liability of any person under CERCLA with respect to the Site, regardless of any corporate retention policy to the contrary. Until 10 years after notification that the Work has been completed, Respondents shall also instruct their contractors and agents to preserve all documents, records, and other information of whatever kind, nature, or description relating to performance of the Work.

2. At the conclusion of this document retention period, Respondents shall notify EPA at least ninety (90) days prior to the destruction of any such documents, records, or other information and, upon request by EPA, Respondents shall deliver any such documents, records, or other information to EPA.

3. Each Respondent hereby certifies that to the best of its knowledge and belief, after thorough inquiry, it has not altered, mutilated, discarded, destroyed, or otherwise disposed of any records, documents, or other information (other than identical copies) relating to its potential liability regarding the Site since notification of potential liability by EPA or the State or the filing of suit against it by the United States regarding the Site, and that it has fully complied with any and all EPA requests for information pursuant to Sections 104(e) and 122(e) of CERCLA, 42 U.S.C. §§ 9604(e) and 9622(e), and Section 3007 of RCRA, 42 U.S.C. § 6927.

XIV. *COMPLIANCE WITH OTHER LAWS*

1. Respondents and Settling Parties shall undertake all action that this Settlement Agreement requires in accordance with the requirements of all applicable local, state, and federal laws and regulations, unless an exemption from such requirements is specifically provided by law or in this Settlement Agreement. The activities conducted pursuant to this Settlement Agreement, if approved by EPA, shall be considered consistent with the NCP.

2. Except as provided in Section 121(e) of CERCLA, 42 U.S.C. § 9621(e), and the NCP, no permit shall be required for any portion of the Work conducted entirely on-Site. Where any portion of the Work requires a federal or state permit or approval, Respondents shall submit timely applications and take all other actions necessary to obtain and to comply with all such permits or approvals.

3. This Settlement Agreement is not, and shall not be construed to be, a permit issued pursuant to any federal or state statute or regulation.

XV. *PAYMENT OF RESPONSE COSTS*

1. Omitted.

XVI. *DISPUTE RESOLUTION*

1. Unless this Settlement Agreement expressly provides otherwise, the dispute resolution procedures of this Section shall be the exclusive mechanism for resolving disputes arising under this Settlement Agreement. The Parties shall attempt to resolve any disagreements concerning this Settlement Agreement expeditiously and informally.

2. Notwithstanding any other provision of this Settlement Agreement, Respondents may not invoke dispute resolution procedures more than once regarding the same issue. For example, if Respondents invoke the dispute resolution procedures with respect to an issue raised by EPA's comments on the draft RD Work Plan, and said issue is resolved under this Section, Respondents may not invoke the dispute resolution procedures with respect to the same issue later, in the context of EPA's comments on the draft RD Report. However, this does not prevent Respondents from raising that same issue to the extent it impacts upon a different issue which is subsequently the subject of the dispute resolution procedures.

3. If any Respondent or Settling Party objects to any EPA action taken pursuant to this Settlement Agreement, it shall notify EPA in writing of its objection(s) within twenty (20) days of such action, unless the objection(s) has/have been resolved informally. EPA and such Respondent or Settling Party shall have twenty (20) days from EPA's receipt of Respondent's or Settling Party's written objection(s) to resolve the dispute through formal negotiations (the "Negotiation Period"). The Negotiation Period may be extended at the sole discretion of EPA, provided EPA responds immediately in writing to the objections and acts expeditiously to resolve the dispute. Otherwise, another twenty (20) day period shall commence at the conclusion of the prior period, until the dispute is resolved to the satisfaction of all Parties. Such extension may be granted verbally but must be confirmed in writing.

4. Any agreement reached by the Parties pursuant to this Section shall be in writing and shall, upon signature by both EPA and Respondents and Settling Parties, be incorporated into and become an enforceable part of this Settlement Agreement.

XVII. *FORCE MAJEURE*

1. Respondents agree to perform all requirements of this Settlement Agreement within the time limits established under this Settlement Agreement, unless agreed otherwise by EPA in writing or unless the performance is delayed by a force majeure event. For purposes of this Settlement Agreement, a force majeure event is defined as any event arising from causes beyond the control of Respondents, or of any entity controlled by Respondents, including, but not limited to, their contractors and subcontractors, that delays or prevents performance of any obligation under this Settlement Agreement despite Respondents' best efforts to fulfill the obligation. The requirement that Respondents exercise "best efforts to fulfill the obligation" includes using best efforts to anticipate any potential force majeure event: (a) as it is occurring; and (b) following the potential force majeure event, such that the delay is minimized to the greatest extent possible. A force majeure event does not include financial inability to complete the Work or increased cost of performance.

2. If any event occurs or has occurred that may delay the performance of any obligation under this Settlement Agreement, whether or not caused by a force majeure event, Respondents shall notify EPA orally within two (2) days of when Respondents first knew that the event might cause a delay. Within five (5) days thereafter, Respondents shall provide to EPA in writing the following: an explanation and description of the reasons for the delay; the anticipated duration of the delay; all actions taken or to be taken to prevent or minimize the delay; a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay; Respondents' rationale for attributing such delay to a force majeure event if it intends to assert such a claim; and a statement as to whether, in the opinion of Respondents, such event may cause or contribute to an endangerment to public health, welfare, or the environment. Failure to comply with the above requirements shall preclude Respondents from asserting any claim of a force majeure event for the period of time of such failure to comply and for any additional delay caused by such failure. Respondents shall be deemed to know of any circumstance of which Respondents, any entity controlled by Respondents, or Respondents' contractors knew or should have known.

3. If EPA agrees that the delay or anticipated delay is attributable to a force majeure event, the time for performance of the obligations under this Settlement Agreement that are affected by the force majeure event will be extended by EPA for such time as is necessary to complete those obligations. An extension of the time for performance of the obligations affected by the force majeure event shall not, of itself, extend the time for performance of any other obligation. If EPA does not agree that the delay or anticipated delay has been or will be caused by a force majeure event, EPA will notify Respondents in writing of its decision. If EPA agrees that the delay is attributable to a force majeure event, EPA will notify Respondents in writing of the length of the extension, if any, for performance of the obligations affected by the force majeure event.

XVIII. *COVENANT NOT TO SUE BY EPA*

1. In consideration of the actions that will be performed and the payments that will be made by Respondents under the terms of this Settlement Agreement, and except as otherwise specifically provided in this Settlement Agreement, EPA covenants not to sue or to take administrative action against Respondents or their collective, officers, directors, employees, agents, representatives, successors and assigns, pursuant to Section 106 and 107(a) of CERCLA, 42 U.S.C. §§9606 and 9607(a), for the Work. In consideration of the payments made by Settling Parties under the terms of this Settlement Agreement, and except as otherwise specifically provided in this Settlement Agreement, EPA covenants not to sue or to take administrative action against the Settling Parties or their collective, officers, directors, employees, agents, representatives, successors, insurers and assigns, pursuant to Section 106 and 107(a) of CERCLA, 42 U.S.C. §§9606 and 9607(a), for the Site. The covenant not to sue as to each Respondent or Settling Party is conditioned upon the complete and satisfactory performance by such Respondent or Settling Party of its obligations under this Settlement Agreement. This covenant not to sue extends only to Respondents and Settling Parties and does not extend to any other person, except by written agreement by EPA.

XIX. *RESERVATION OF RIGHTS BY EPA*

1. Except as specifically provided in this Settlement Agreement, nothing herein shall limit the power and authority of EPA or the United States to take, direct, or order all actions necessary to protect public health, welfare, or the environment or to prevent, abate, or minimize an actual or threatened release of hazardous substances, pollutants, or contaminants, or hazardous or solid waste on, at, or from the Site. Further, except as specifically provided in this Settlement Agreement, nothing herein shall prevent EPA from seeking legal or equitable relief to enforce the terms of this Settlement Agreement, from taking other legal or equitable action as it deems appropriate and necessary, or from requiring Respondents in the future to perform additional activities pursuant to CERCLA or any other applicable law.

2. The covenant not to sue set forth in Section XVIII (Covenant Not To Sue By EPA) above does not pertain to any matters other than those expressly identified therein. EPA reserves and this Settlement Agreement is without prejudice to, all rights against Respondents and Settling Parties with respect to all other matters, including, but not limited to:

a. claims based on a failure by Respondents or Settling Parties to meet a requirement of this Settlement Agreement;

b. liability for costs incurred by EPA;

c. liability for performance of any response action other than the Work;

d. criminal liability;

e. liability arising from the disposal, release, or threat of release of Waste Materials outside of the Site and originating from the Work; and

f. liability for costs incurred, or to be incurred, by the Agency for Toxic Substances and Disease Registry related to the Site. **[???]**

3. Work Takeover. In the event EPA determines that Respondents have ceased implementation of any portion of the Work, are seriously or repeatedly deficient or late in their performance of the Work, or are implementing the Work in a manner that may cause an endangerment to human health or the environment, EPA may assume the performance of any or all portion(s) of the Work as EPA determines necessary. Respondents may invoke the procedures set forth in Section XVI (Dispute Resolution) to dispute EPA's determination that takeover of the Work is warranted under this Paragraph. Notwithstanding any other provision of this Settlement Agreement, EPA retains all authority and reserves all rights to take any and all response actions authorized by law.

XX. *COVENANT NOT TO SUE BY RESPONDENTS AND SETTLING PARTIES*

1. Respondents and Settling Parties covenant not to sue and agree not to assert any claims or causes of action against the United States, or its contractors or employees, with respect to the Work, or this Settlement Agreement, including, but not limited to:

a. any direct or indirect claim for reimbursement from the Hazardous Substance Superfund established by 26 U.S.C. § 9507, based on Sections 106(b) (2), 107, 111, 112, or 113 of CERCLA, 42 U.S.C. §§ 9606(b) (2), 9607, 9611, 9612, or 9613;

b. any claim arising out of response actions at, or in direct connection with, the Site, including any claim under the United States Constitution, the State Constitution, the Tucker Act, 28 U.S.C. § 1491, the Equal Access to Justice Act, 28 U.S.C. § 2412, as amended, or at common law; or

c. any claim against the United States pursuant to Sections 107 and 113 of CERCLA, 42 U.S.C. §§ 9607 and 9613, relating to the Work.

2. Except as expressly provided in Paragraphs 89 (Claims Against De Micromis Parties), and 91 (Claims Against De Minimis and Ability to Pay Parties), these covenants not to sue shall not apply in the event the United States brings a cause of action or issues an order pursuant to the reservations set forth in Section XIX (Reservations of Rights by EPA), other than in Paragraph

84.a (claims for failure to meet a requirement of the Settlement Agreement) or 84.d (criminal liability), but only to the extent that Respondents' claims arise from the same response action, response costs, or damages that the United States is seeking pursuant to the applicable reservation.

3. Nothing in this Agreement shall be deemed to constitute approval or preauthorization of a claim within the meaning of Section 111 of CERCLA, 42 U.S.C. § 9611, or 40 C.F.R. § 300.700(d).

4. Claims Against De Micromis Parties. Respondents agree not to assert any claims and to waive all claims or causes of action (including but not limited to claims or causes of action under Sections 107(a) or 113 of CERCLA) that they may have for all matters relating to the Site against or any person where the person's liability to Respondents with respect to the Site is based solely on having arranged for disposal or treatment, or for transport for disposal or treatment, of hazardous substances at the Site, or having accepted for transport for disposal or treatment of hazardous substances at the Site, if all or part of the disposal, treatment, or transport occurred before April 1, 2001, and the total amount of material containing hazardous substances contributed by such person to the Site was less than 110 gallons of liquid materials or 200 pounds of solid materials.

5. The waiver in Paragraph 89 shall not apply with respect to any defense, claim, or cause of action that a Respondent may have against any person meeting the above criteria if such person asserts a claim or cause of action relating to the Site against such Respondent. This waiver also shall not apply to any claim or cause of action against any person meeting the above criteria if EPA determines:

a. that such person has failed to comply with any EPA requests for information or administrative subpoenas issued pursuant to Section 104(e) or 122(e) of CERCLA, 42 U.S.C. §§ 9604(e) or 9622(e), or Section 3007 of RCRA, or has impeded or is impeding, through action or inaction, the performance of a response action or natural resource restoration with respect to the Site, or has been convicted of a criminal violation for the conduct to which this waiver would apply and that conviction has not been vitiated on appeal or otherwise; or

b. that the materials containing hazardous substances contributed to the Site by such person have contributed significantly, or could contribute significantly, either individually or in the aggregate, to the cost of response action or natural resource restoration at the Site.

6. Claims Against *De Minimis* and Ability to Pay Parties. Respondents agree not to assert any claims and to waive all claims or causes of action (including but not limited to claims or causes of action under Sections 107(a) or 113 of CERCLA) that they may have for response costs relating to the Site against any person that has entered, or in the future enters, into a final Section 122(g) de minimis settlement, or a final settlement based on limited ability to pay, with EPA with respect to the Site as of the Effective Date. This waiver shall not apply with respect to any defense, claim, or cause of action that a Respondent may have against any person if such person asserts a claim or cause of action relating to the Site against such Respondent.

7. Respondents' Claims Against Settling Parties. Respondents agree not to assert any claims and to waive all claims or causes of action (including but not limited to claims or causes of action under Sections 107(a) or 113 of CERCLA) that they may have for all matters relating to the Site against the Settling Parties. This waiver shall not apply with respect to any defense, claim, or cause of action that a Respondent may have against any person if such person asserts a claim or cause of action relating to the Site against such Respondent.

8. Settling Parties' Claims Against Respondents. Settling Parties agree not to assert any claims and to waive all claims or causes of action (including but not limited to claims or causes of action under Sections 107(a) or 113 of CERCLA) that they may have for all matters relating to the Site against Respondents. This waiver shall not apply with respect to any defense, claim, or cause of action that a Settling Party may have against any person if such person asserts a claim or cause of action relating to the Site against such Settling Party.

9. Respondents and Settling Parties reserve, and this Settlement Agreement is without prejudice to, claims against the United States subject to the provisions of Chapter 171 of Title 28 of the United States Code, for money damages for injury or loss of property or personal injury or death caused by the negligent or wrongful act or omission of any employee of the United States while acting within the scope of his office or employment under circumstances where the United States, if a private person, would be liable to the claimant in accordance with the law of the place where the act or omission occurred. However, any such claim shall not include a claim for any damages caused, in whole or in part, by the act or omission of any person, including any contractor, who is not a federal employee as that term is defined in 28 U.S.C. § 2671; nor shall any such claim include a claim based on EPA's selection of response actions, or the oversight or approval of Respondents' plans or activities. The foregoing applies only to claims that are brought pursuant to any statute other than CERCLA and for which the waiver of sovereign immunity is found in a statute other than CERCLA.

10. Nothing in this Agreement shall be deemed to constitute approval or preauthorization of a claim within the meaning of Section 111 of CERCLA, 42 U.S.C. § 9611, or 40 C.F.R. § 300.700(d).

XXI. *OTHER CLAIMS*

1. By issuance of this Settlement Agreement, the United States and EPA assume no liability for injuries or damages to persons or property resulting from any acts or omissions of Respondents and/or Settling Parties. The United States or EPA shall not be deemed a party to any contract entered into by Respondents or their respective directors, officers, employees, agents, successors, representatives, assigns, or Contractors in carrying out actions pursuant to this Settlement Agreement.

2. Nothing in this Settlement Agreement shall be construed to create any rights in, or grant any cause of action to, any person not a party to this Settlement Agreement. Respondents and Settling Parties expressly reserve any and all rights (including, but not limited to, pursuant to Section 113 of CERCLA 42 U.S.C. § 9613), defenses, claims, demands, and causes of action which Respondents and/or Settling Parties may have with respect to any matter, transaction, or

occurrence relating in any way to the Site against any person not a party hereto. Nothing in this Settlement Agreement diminishes the right of the United States, pursuant to Section 113(f)(2) and (3) of CERCLA, 42 U.S.C. § 9613(f)(2)-(3), to pursue any such persons to obtain additional response costs or response action and to enter into settlements that give rise to contribution protection pursuant to Section 113(f)(2).

3. No action or decision by EPA pursuant to this Settlement Agreement shall give rise to any right to judicial review, except as set forth in Section 113(h) of CERCLA, 42 U.S.C. § 9613(h).

XXII. *CONTRIBUTION PROTECTION*

1. The Parties agree that this settlement constitutes an administrative settlement for purposes of Sections 113(f)(2) and 122(h)(4) of CERCLA, 42 U.S.C. §§ 9613(f)(2) and 9622(h)(4), and that Respondent and Settling Parties are entitled, as of the Effective Date to protection from contribution actions or claims as provided by Sections 113(f)(2) and 122(h)(4) of CERCLA, 42 U.S.C. §§ 9613(f)(2) and 9622(h)(4), or as may be otherwise provided by law, for "matters addressed" in this Settlement Agreement. The "matters addressed" in this Settlement Agreement are the Work and the payments made by the Settling Parties.

XXIII. *INDEMNIFICATION*

1. Respondents shall indemnify, save, and hold harmless the United States, its officials, agents, contractors, subcontractors, employees, and representatives from any and all claims or causes of action arising from, or on account of, negligent or other wrongful acts or omissions of Respondents, their officers, directors, employees, agents, or Contractors, in carrying out actions pursuant to this Settlement Agreement. In addition, Respondents agree to pay the United States all costs incurred by the United States, including, but not limited to, attorneys fees and other expenses of litigation and settlement, arising from, or on account of, claims made against the United States based on negligent or other wrongful acts or omissions of Respondents, their officers, directors, employees, agents, Contractors, and any persons acting on its behalf or under its control, in carrying out activities pursuant to this Settlement Agreement. The United States shall not be held out as a party to any contract entered into, by, or on behalf of Respondents in carrying out activities pursuant to this Settlement Agreement. Neither Respondents nor any such Contractor shall be considered an agent of the United States.

2. The United States shall give Respondents notice of any claim for which the United States plans to seek indemnification pursuant to this Section and shall consult with Respondents prior to settling such claim.

3. Respondents waive all claims against the United States for damages or reimbursement or for set-off of any payments made, or to be made, to the United States, arising from, or on account of, any contract, agreement, or arrangement between Respondents and any person for performance of Work on, or relating to, the Site, including, but not limited to, claims on account of reasonable construction delays. In addition, Respondents shall indemnify and hold harmless the United States with respect to any and all claims for damages or reimbursement arising from, or on

account of, any contract, agreement, or arrangement between Respondents and any person for performance of Work on, or relating to, the Site.

XXIV. *INSURANCE*

1. At least five (5) days prior to commencing any on-Site Work under this Settlement Agreement, Respondents shall secure and shall maintain for the duration of this Settlement Agreement comprehensive general liability insurance and automobile insurance with limits of $5 million dollars, combined single limit, naming the EPA as an additional insured. Within the same period, Respondents shall provide EPA with certificates of such insurance and a copy of each insurance policy. Respondents shall submit such certificates and copies of policies each year on the anniversary of the Effective Date. In addition, for the duration of the Settlement Agreement, Respondents shall satisfy, or shall ensure that its Contractors satisfy, all applicable laws and regulations regarding the provision of worker's compensation insurance for all persons performing the Work on behalf of Respondents in furtherance of this Settlement Agreement. If Respondents demonstrate by evidence satisfactory to EPA that any Contractor maintains insurance equivalent to that described above, or insurance covering some or all of the same risks but in an equal or lesser amount, then Respondents need provide only that portion of the insurance described above that is not maintained by such Contractor.

XXV. *FINANCIAL ASSURANCE*

1. Omitted.

XXVI. *INTEGRATION/APPENDICES*

1. This Settlement Agreement, its appendices, and any deliverables, technical memoranda, specifications, schedules, documents, plans, reports (other than progress reports), etc. that will be developed pursuant to this Settlement Agreement and become incorporated into, and enforceable under, this Settlement Agreement constitute the final, complete, and exclusive agreement and understanding among the Parties with respect to the settlement embodied in this Settlement Agreement. The parties acknowledge that there are no representations, agreements, or understandings relating to the settlement other than those expressly contained in this Settlement Agreement.

2. In the event of a conflict between any provision of this Settlement Agreement and the provisions of any document attached to this Settlement Agreement or submitted or approved pursuant to this Settlement Agreement, the provisions of this Settlement Agreement shall control.

3. The following documents are attached to and incorporated into this Settlement Agreement:

Appendix 1 is the OU1 SOW;

Appendix 2 is a Map of OU1 of the Site;

Appendix 3 is the OU1 ROD;

Appendix 4 is the Map of the Site.

XXVII. *EFFECTIVE DATE AND SUBSEQUENT MODIFICATION*

1. This Settlement Agreement shall be effective five (5) days after the Settlement Agreement is signed by the Director of the Emergency and Remedial Response Division or his designee.

2. This Settlement Agreement may be amended by mutual agreement of EPA and Respondents and Settling Parties. Amendments shall be in writing and shall be effective when signed by EPA. EPA's RPM does not have the authority to sign amendments to the Settlement Agreement.

3. No informal advice, guidance, suggestion, or comment by EPA's RPM or other EPA representatives regarding reports, plans, specifications, schedules, or any other writing submitted by Respondents shall relieve Respondents of their obligation to obtain any formal approval required by this Settlement Agreement, or to comply with all requirements of this Settlement Agreement, unless it is formally modified.

XXVIII. *NOTICE OF COMPLETION OF WORK*

1. When EPA determines that all Work has been fully performed in accordance with the other requirements of this Settlement Agreement, with the exception of any continuing obligations required by this Settlement Agreement, including record retention, EPA will provide written notice to Respondents and Settling Parties. If EPA determines that any such Work has not been completed in accordance with this Settlement Agreement, EPA will notify Respondents and Settling Parties, provide a list of the deficiencies, and require that Respondents modify the applicable work plan(s), if appropriate, to correct such deficiencies. Respondents shall implement the modified and approved work plan(s) and shall submit the required deliverables. Failure by Respondents to implement the approved modified work plan(s) shall be a violation of this Settlement Agreement.

By: _____ _____

Walter Mugdan, Director — Date
Emergency and Remedial Response Division
Region 2

In the Matter of the New Cassel/Hicksville Groundwater Contamination Superfund Site, Administrative Settlement Agreement and Order for Remedial Design and Cost Recovery, Index No. CERCLA-02-2014-2020

CONSENT

The Respondent identified below has had an opportunity to confer with EPA regarding this Settlement Agreement. Respondent hereby consents to the issuance of this Settlement Agreement and to its terms. The individual executing this Settlement Agreement on behalf of the Respondent certifies under penalty of perjury under the laws of the United States that he or she is fully and legally authorized to agree to the terms and conditions of this Settlement Agreement and to bind such Respondent thereto.

_____
Name of Respondent

_____ _____
Signature Date

_____
Printed Name

_____
Title of Signatory

In the Matter of the New Cassel/Hicksville Groundwater Contamination Superfund Site, Administrative Settlement Agreement and Order for Remedial Design and Cost Recovery, Index No. CERCLA-02-2014-2020

CONSENT

The Settling Party identified below has had an opportunity to confer with EPA regarding this Settlement Agreement. The Settling Party hereby consents to the issuance of this Settlement Agreement and to its terms. The individual executing this Settlement Agreement on behalf of the Settling Party certifies under penalty of perjury under the laws of the United States that he or she is fully and legally authorized to agree to the terms and conditions of this Settlement Agreement and to bind such Settling Party thereto.

_____
Name of Settling Party

_____ _____
Signature Date

_____
Printed Name

_____
Title of Signatory