NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION STATE SUPERFUND PROGRAM ECL §27-1301 et seq.

In the Matter a Remedial Program for

ORDER ON CONSENT AND ADMINISTRATIVE SETTLEMENT Index No. CO 2-20160111-14

DEC Site Name: Former Barrett Manufacturing and Mica Roofing

DEC Site Nos.:

224196

224197

Site Address: 643 Court Street & 182 Sigourney Street Brooklyn, NY 11231 Kings County

Hereinafter referred to as "Sites"

by: Honeywell International, Inc. Hereinafter referred to as "Respondent"

- A. The New York State Department of Environmental Conservation ("Department") is responsible for inactive hazardous waste disposal Sites remedial programs pursuant to Article 27, Title 13 of the Environmental Conservation Law ("ECL") and Part 375 of Title 6 of the Official Compilation of Codes, Rules and Regulations ("6 NYCRR") and may issue orders consistent with the authority granted to the Commissioner by such statute.
- B. The Department is responsible for carrying out the policy of the State of New York to conserve, improve and protect its natural resources and environment and control water, land, and air pollution consistent with the authority granted to the Department and the Commissioner by Article 1, Title 3 of the ECL.
- C. This Order is issued pursuant to the Department's authority under, inter alia. ECL Article 27, Title 13 and ECL 3-0301, and resolves Respondent's liability to the State as provided at 6 NYCRR 375-1.5(b)(5).
- The Sites are not currently listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State. Site numbers 224196 and 224197 are currently classified as "p-sites" by the Department, meaning that preliminary information suggests that the sites are contaminated, and that future site characterization is necessary.

- B. Preliminary information suggests that contamination is emanating or has emanated from the Sites and areas of the former operations associated with Barrett Manufacturing and Mica Roofing, and that this contamination is present in off-site areas, including areas that are already subject to several of the Department's existing remedial programs. These off-site areas include the 633 Court Street Class 2 site (Site No. 224146), the 610 Smith Street Brownfields Cleanup Program (BCP) site (Site No. C224215), and the Red Hook Smith Street BCP site (Site No. C224163).
- 3. Respondent consents to the issuance of this Order without (i) an admission or finding of liability, fault, wrongdoing, or violation of any law, regulation, permit, order, requirement, or standard of care of any kind whatsoever; (ii) an acknowledgment that there has been a release or threatened release of hazardous waste at or from the Sites; and/or (iii) an acknowledgment that a release or threatened release of hazardous waste at or from the Sites constitutes a significant threat to the public health or environment.
- 4. Solely with regard to the matters set forth below, Respondent hereby waives any right to a hearing as may be provided by law, consents to the issuance and entry of this Order, and agrees to be bound by its terms. Respondent consents to and agrees not to contest the authority or jurisdiction of the Department to issue or enforce this Order, and agrees not to contest the validity of this Order or its terms or the validity of data submitted to the Department by Respondent pursuant to this Order.

NOW, having considered this matter and being duly advised, IT IS ORDERED THAT:

Real Property

The properties subject to this Order are described as follows:

Subject Property Descriptions (Exhibit "A" is a map of the Sites and off-site areas)

1) Tax Map/Parcel No.: Section 3 Block 494 Lot 1 643 Court St.
Brooklyn, NY 11231
DEC Site No. 224196
1.3770 Acre Lot Size

2) Tax Map/Parcel No: Block 492, Lot 15 182 Sigourney St. Brooklyn, NY 11231 DEC Site No. 224197 0.7500 Acre Lot Size As stated in paragraph 2 above, preliminary information suggests that off-site areas have been impacted by former Barrett and Mica historic operations, and those areas include adjacent sites subject to one or more of the Department's remedial programs. Those areas will be included in the work plans referenced in Section II below and are areas that are otherwise subject to this Order. However, the off-site areas subject to this Order do not include the Gowanus Canal National Priorities List (NPL) site currently being administered by the US Environmental Protection Agency.

II. Initial Work Plan & Future Work

- A. A draft Sites Characterization Work Plan shall be submitted to the Department within thirty (30) days after the effective date of this Order. DEC will make a good faith effort to provide comments to Respondent on the draft Sites Characterization Work Plan within 60 days of the effective date of this Order.
- B. Although not currently scheduled under this Order, Respondent shall, subject to the provisions in II.C and following implementation of the Sites Characterization Work Plan, develop a work plan, consistent with the Standard Clauses for All New York State, State Superfund Orders ("Standard Clauses"), attached as Appendix A, to be approved by the Department in the future, to evaluate, recommend, and ultimately implement remedial actions, including the potential for Interim Remedial Measures, source removal, or other control measures necessary to eliminate or mitigate significant threats to public health and to the environment presented by contaminants disposed at or emanating from the Sites and off-site areas impacted by former Barrett and Mica historic operations. Respondent shall implement such work through the proper application of scientific and engineering principles and in a manner not inconsistent with the national oil and hazardous substances pollution contingency plan, consistent with applicable statutes and regulations, including 6 NYCRR 375-1.8(c). The Department and Respondent agree that these measures can be implemented to address the entire area impacted by former Barrett and Mica's historic operations (outside of the Gowanus Canal Superfund Site), or to address individual sites or properties, if appropriate.
- C. Subject to Section II.D. below and notwithstanding any other provision of this Order or Appendix A, Respondent is not required to submit any work plans other than the work plans set forth in Sections II.A. and B. above. If the Department determines that the Work Plan referenced in Section II.B. is necessary, it shall send the Respondent such determination in writing. Respondent can agree to submit such a work plan or can invoke the dispute resolution provision procedures as set forth in Section XV of Appendix A below. In the event that dispute resolution does not resolve the dispute to the satisfaction of the Department and Respondent, Respondent or the Department

may terminate this Order. Respondent can elect to submit additional work plans under this Order as set forth in Appendix A.

D. Notwithstanding Sections II.A. and II.B. above, and any other provision of this Order or the Standard Clauses in Appendix A, the parties may terminate this Order as to one or more sites (or to any offsite areas that may be subject to this Order) upon submission of an application from Respondent to address said site through a Brownfield Cleanup Agreement, including an amendment to an existing Brownfield Cleanup Agreement (BCA). To the extent that such an application is submitted, any work plan approved pursuant to this Order that includes work on a site or sites addressed in a (BCA) shall be incorporated into a work plan under such BCA.

III. Payment of State Costs

Invoices shall be sent to one Respondent at one of the following address(es) if more than one address is listed:

Steven Coladonato Honeywell International Inc. 6100 Philadelphia Pike Claymont, DE 19703 Steven.Coladonato@Honeywell.com

With a copy to:

Jeremy Karpatkin Arnold & Porter LLP 601 Massachusetts Avenue, NW Washington, D.C. 20001-3743 Jeremy.Karpatkin@aporter.com

In addition to the requirement to pay future state costs as set forth in Appendix "A", within forty-five (45) Days after the effective date of this Consent Order, Respondent shall pay to the Department the sum set forth on Exhibit "C", which shall represent reimbursement for past State Costs incurred prior to the effective date of this Consent Order. Respondent acknowledges that all past State Costs are not itemized on the cost summary and that additional charges may be billed at a later date for State Costs incurred prior to the effective date of this Consent Order.

IV. Communications

A. All written communications required by this Consent Order shall be transmitted by United States Postal Service, by private courier service, by hand delivery, or by electronic mail.

1. Communication from Respondent shall be sent to:

Charles Post (1 hard copy (unbound for work plans) & 1 electronic copy)
NYS Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, Albany, NY 12233
Charles.Post@dec.ny.gov

Andrew Guglielmi, Esq. (correspondence only)
NYS Department of Environmental Conservation
Office of General Counsel – Bureau of Remediation
625 Broadway, 14th Floor
Albany, NY 12233-1500
Andrew.guglielmi@dec.ny.gov

Krista Anders (electronic copy only)
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
Krista Anders@health.ny.gov

Communication from the Department to Respondent shall be sent to:

Jeremy Karpatkin, Esq. Arnold & Porter LLP 555 Twelfth Street, NW Washington, DC 20004-1206 Jeremy.Karpatkin@aporter.com

Steven Coladonato
Honeywell International Inc.
6100 Philadelphia Pike
Claymont, DE 19703
Steven.Coladonato@Honeywell.com

- B. The Department and Respondent reserve the right to designate additional or different addressees for communication on written notice to the other. Additionally, the Department reserves the right to request that the Respondent provide more than one paper copy of any work plan or report.
- C. Each party shall notify the other within ninety (90) days after any change in the addresses listed in this paragraph or in Paragraph I.

V. Miscellaneous

- A. Appendix A "Standard Clauses for All New York State, State Superfund Orders" is attached to and hereby made a part of this Order as if set forth fully herein.
- B. In the event of a conflict between the terms of this Order (including any and all attachments thereto and amendments thereof) and the terms of Appendix A, the terms of this Order shall control.
- C. The effective date of this Order is the 10th day after it is signed by the Commissioner or the Commissioner's designee.

DATED:

MAR 01 2016

BASIL SEGGOS ACTING COMMISSIONER NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

By:

Robert W. Schick, P.E., Director

Division of Environmental Remediation

CONSENT BY SETTLING RESPONDENT

Settling Respondent hereby consents to the issuing and entering of this Order on Consent and Administrative Settlement, waives Respondent's right to a hearing herein as provided by law, and agrees to be bound by this Order on Consent and Administrative Settlement.

Honeywell International, Inc.

By (signature): John J. Morris

Print Name: John J. Morris

ACKNOWLEDGMENT

STATE OF New Jersey) ss: COUNTY OF Passaic)

On the 5th day of February, in the year 20 16, before me, the undersigned, personally appeared John Therris, personally known to me or proved to me on the basis of satisfactory evidence to the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Notary Public

Signature and Office of individual taking acknowledgment



EXHIBIT "A"

Мар

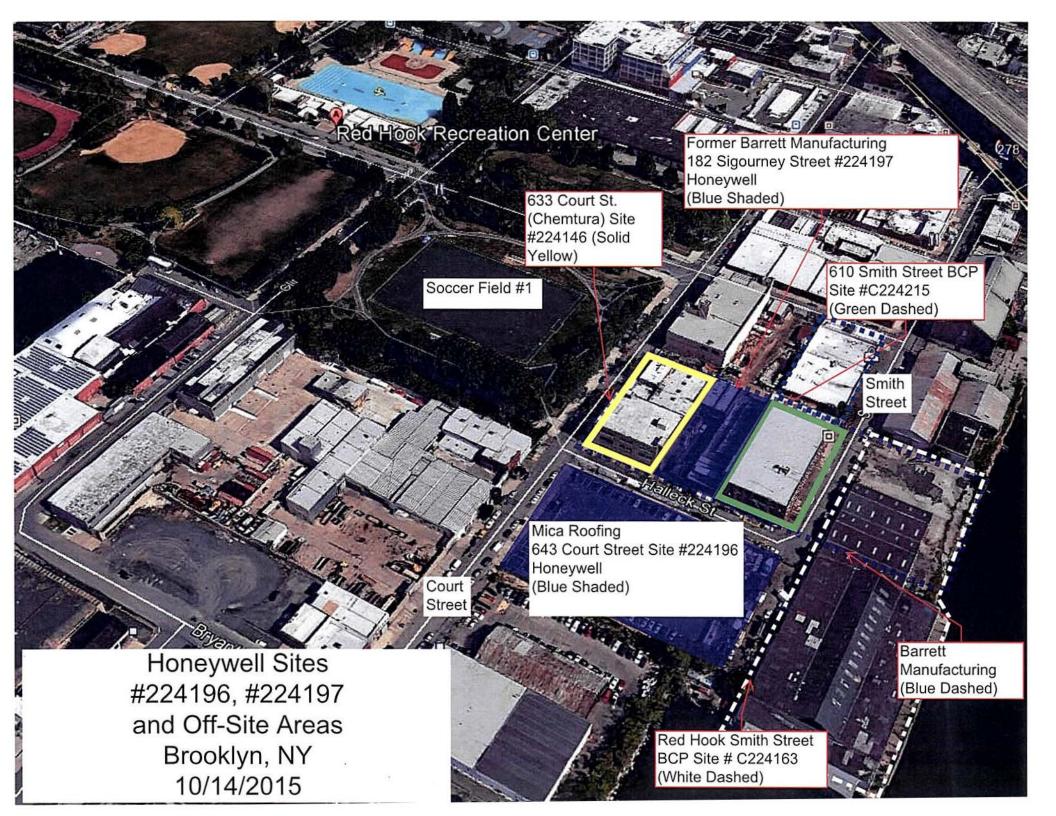


EXHIBIT "B"

RECORDS SEARCH REPORT

- 1. Detail all environmental data and information within Respondent's or Respondent's agents' or consultants' possession or control regarding environmental conditions at or emanating from the Sites.
- 2. A comprehensive list of all existing relevant reports with titles, authors, and subject matter, as well as a description of the results of all previous investigations of the Sites and of areas immediately surrounding the Sites which are or might be affected by contamination at the Sites, including all available topographic and property surveys, engineering studies, and aerial photographs.
- A concise summary of information held by Respondent and Respondent's attorneys and consultants with respect to:
- (i) a history and description of the Sites, including the nature of operations;
- (ii) the types, quantities, physical state, locations, methods, and dates of disposal or release of hazardous waste at or emanating from the Sites;(iii)a description of current Sites security (i.e. fencing, posting, etc.); and
- (iii) the names and addresses of all persons responsible for disposal of hazardous waste, including the dates of such disposal and any proof linking each such person responsible with the hazardous wastes identified.

EXHIBIT "C"

Cost Summary

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation. Bureau of Program Management 625 Broadway, 12th Floor, Albany, NY 12233-7012 P: (518) 402-9764 | F: (518) 402-9722 www.dec.ny.gov

Transmitted via E-Mail M E M O R A N D U M

TO:

Andrew Guglielmi, Office of General Counsel

FROM:

Karen Diligent, Chief, CRS, Bureau of Program Management, DER

SUBJECT:

Cost Summary - 643 Court Street, Site #224196

DATE:

OCT -6 2015

This cost recovery summary has been prepared in response to Janet Brown's August 24, 2015 request. The following summarizes costs incurred by the New York State Department of Environmental Conservation (DEC) to date. There may be additional future costs associated with this site that are not included in this summary. Please contact the project manager to determine if additional future costs are anticipated.

The total unreimbursed costs incurred by DEC in association with the 643 Court Street Site are \$1,383.11. This amount includes emergency response costs incurred at the site by a hazardous material spill, if any. Please note that if the site involves a petroleum spill, any costs incurred by the Oil Spill Fund would be recovered separately by the Office of the State Comptroller and are not included in this summary.

DEC costs for this site have been included through May 6, 2015 (the latest available data). Department of Health costs are not readily available. Please note that there are no open contracts for this site for which we have outstanding obligations.

Please contact Sue Bolesky at (518) 402-9732, if you have any questions on this summary.

Attachments

ec:

C. Post

J. Brown



EXHIBIT I

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF ENVIRONMENTAL REMEDIATION BUREAU OF PROGRAM MANAGEMENT

COST SUMMARY

SITE NAME:

643 Court Street

SITE NO .:

224196

TIME FRAME: DEC

Life - 05/06/15

COST CATEGORY	AMOUNTS	EXHIBIT NO.
DIRECT PERSONAL SERVICES	\$712.02	
FRINGE	\$404.63	
INDIRECT	\$266.46	
PERSONAL SERVICES SUBTOTAL	\$1,383.11	11
CONTRACTUAL	\$0.00	
TRAVEL	\$0.00	
OTHER NPS	\$0.00	
NON-PERSONAL SERVICES SUBTOTAL	\$0.00	
DEC TOTAL	\$1,383.11	
DOH TOTAL (NOT AVAILABLE)	N/A	
MINUS PREVIOUSLY REIMBURSED AMOUNT (IF		
APPLICABLE)	N/A	
DEC & DOH TOTAL	\$1,383.11	
COST CAP (IF APPLICABLE)	N/A	
GRAND TOTAL	\$1,383.11	

LATSnet leave & accrual tracking system



Cost Query - Ad Hoc

Criteria: Timecard Begin Date 7/1/2014 And Timecard End Date 5/6/2015 And Task Code 69414

Leave Charges: Included Cost Indicator: Direct Rate Type: Non-Federal

Download Excel Report

Print

Pay Period	Pay Period Dates	Check Date	Cost Center	Variable	Budget Year	Employee	Title Description	Work Location Code	Work Location Description	Billable Hourly Rate	State Fringe	State Indirect	Hours	Cost
Task: 69	414 - 224196 643 C	OURT ST.												
2014/10	07/31/2014 - 08/13/2014	08/27/2014	430221	1.6	2012	Forster, Kyle	ENVIRNL ENGINEER 1	615127	Central Office - 625 Broadway	37.75	64.39	42.46	3.00	113.2
2014/11	08/14/2014 - 08/27/2014	09/10/2014	430221	16	2012	Forster, Kyle	ENVIRNL ENGINEER 1	615127	Central Office - 625 Broadway	38.24	5.44	3.59	0.25	9.5
2014/10	07/31/2014 - 08/13/2014	38/27/2014	430221	16	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	45.95	39.19	25 84	1.50	68.9
2014/13	09/11/2014 - 09/24/2014	10/08/2014	430221	L6	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	45.49	54.67	42.64	2.50	113.7
2014/15	10/09/2014 - 10/22/2014	11/05/2014	430221	L6	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	47.87	149.71	58.71	5.50	263.2
2014/16	10/23/2014 - 11/05/2014	11/19/2014	430221	L6	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	48.50	41.37	27.27	1.50	72.7
2014/18	11/20/2014 - 12/03/2014	12/17/2014	430221	16	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	46.94	25.69	17.60	1.00	46.9
2015/1	03/26/2015 · 04/08/2015	04/22/2015	430221	16	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	47.13	13.17	8.35	0.50	23.5
										Report Total:	404.63	266.46	15.75	/12.0

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Bureau of Program Management 625 Broadway, 12th Floor, Albany, NY 12233-7012 P: (518) 402-9764 I F: (518) 402-9722 www.dec.ny.gov

Transmitted via E-Mail MEMORANDUM

TO:

Andrew Guglielmi, Office of General Counsel

FROM:

Karen Diligent, Chief, CRS, Bureau of Program Management, DER

SUBJECT:

Cost Summary - Smith Street at Halleck Street, Site #224197

DATE:

OCT -6 2015

This cost recovery summary has been prepared in response to Janet Brown's August 24, 2015 request. The following summarizes costs incurred by the New York State Department of Environmental Conservation (DEC) to date. There may be additional future costs associated with this site that are not included in this summary. Please contact the project manager to determine if additional future costs are anticipated.

The total unreimbursed costs incurred by DEC in association with the Smith Street at Halleck Street Site are \$4,372.73. This amount includes emergency response costs incurred at the site by a hazardous material spill, if any. Please note that if the site involves a petroleum spill, any costs incurred by the Oil Spill Fund would be recovered separately by the Office of the State Comptroller and are not included in this summary.

DEC costs for this site have been included through May 6, 2015 (the latest available data). Department of Health costs are not readily available. Please note that there are no open contracts for this site for which we have outstanding obligations.

Please contact Sue Bolesky at (518) 402-9732, if you have any questions on this summary.

Attachments

ec:

C. Post

J. Brown



EXHIBIT I

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION_OF ENVIRONMENTAL REMEDIATION BUREAU OF PROGRAM MANAGEMENT

COST SUMMARY

SITE NAME:

Smith Street at Halleck Street

SITE NO .:

224197

TIME FRAME: DEC

Life - 05/06/15

COST CATEGORY	AMOUNTS	EXHIBIT NO.
DIRECT PERSONAL SERVICES	\$2,252.16	
FRINGE	\$1,279.17	
INDIRECT	\$841.40	
PERSONAL SERVICES SUBTOTAL	\$4,372.73	11
CONTRACTUAL	\$0.00	
TRAVEL	\$0.00	
OTHER NPS	\$0.00	
NON-PERSONAL SERVICES SUBTOTAL	\$0.00	
DEC TOTAL	\$4,372.73	
DOH TOTAL (NOT AVAILABLE)	N/A	
MINUS PREVIOUSLY REIMBURSED AMOUNT (IF	NI/A	
APPLICABLE)	N/A	
DEC & DOH TOTAL	\$4,372.73	
COST CAP (IF APPLICABLE)	N/A	
GRAND TOTAL	\$4,372.73	

LATSnet leave & accrual tracking system



Cost Query - Ad Hoc

Criteria: Timecard Begin Date 7/1/2014 And Timecard End Date 5/6/2015 And Task Code 69480

Leave Charges: Included Cost Indicator: Direct Rate Type: Non-Federal Download Excel Report

Print

Pay	Pay Period Dates	Check Date	Cost Center	Variable	Budget	Employee	Title Description	Work Location Code	Work Location Description	Billable Hourly Rate	State Fringe	State Indirect	Hours	Cost
Task: 69	480 - 224197 SMT	H STREET AT	HALLECK	STREET										
2014/13	09/11/2014 - 09/24/2014	10/08/2014	430221	L6	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	45.49	245.73	162.02	9.50	432.1
2014/14	09/25/2014 - 10/08/2014	10/22/2014	430221	L6	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	48.50	144.78	95.46	5.25	254.6
2014/15	10/09/2014 - 10/22/2014	11/05/2014	430221	1.6	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	47,87	115.68	76.27	4.25	203.4
2014/16	10/23/2014 - 11/05/2014	11/19/2014	430221	1.5	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	48.50	55.15	36.36	2.00	97.00
2014/17	11/06/2014 - 11/19/2014	12/03/2014	430221	16	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	48.50	289.56	190.92	10.50	509.2
2014/18	11/70/2014 - 12/03/2014	12/17/2014	430221	1.6	2017	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	46,94	133.45	87.99	5.00	234.70
2014/19	12/04/2014 - 12/17/2014	12/31/2014	430221	1.6	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	46.94	160.14	105.59	6.00	281.64
2014/25	02/26/2015 - 03/11/2015	53/25/2015	430221	L6	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	48.18	54.79	36.12	2.00	96.36
2015/1	03/26/2015 - 04/08/2015	04/22/2015	430221	LG	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615177	Central Office - 625 Broadway	47.13	13,17	8.35	0.50	23.57
	04/23/2015 - 05/06/2015	05/20/2015	430221	1.6	2012	POST, CHARLES	ENGRG GEOLOGIST 1	615127	Central Office - 625 Broadway	47.76	66.72	42.32	2.50	119.40
										Report Total:	1,279.17	841.40	47.50	2,252.10

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APPENDIX "A"

STANDARD CLAUSES FOR ALL NEW YORK STATE STATE SUPERFUND ORDERS

APPENDIX A

STANDARD CLAUSES FOR ALL NEW YORK STATE SUPERFUND ADMINISTRATIVE ORDERS

The parties to the State Superfund Order (hereinafter "Order") agree to be bound by the following clauses which are hereby made a part of the Order. The word "Respondent" herein refers to any party to the Order, other than the New York State Department of Environmental Conservation (hereinafter "Department").

I. Citizen Participation Plan

Within twenty (20) days after the effective date of this Order, Respondent shall submit for review and approval a written citizen participation plan prepared in accordance with the requirements of ECL §27-1417 and 6 NYCRR sections 375-1.10 and 375-3.10. Upon approval, the Citizen Participation Plan shall be deemed to be incorporated into and made a part of this Order.

II. Initial Submittal

Within thirty (30) days after the effective date of this Order, Respondent shall submit to the Department a Records Search Report prepared in accordance with Exhibit "B" attached to the Order. The Records Search Report can be limited if the Department notifies Respondent that prior submissions satisfy specific items required for the Records Search Report.

III. <u>Development, Performance, and Reporting</u> of Work Plans

A. Work Plan Requirements

All activities at the Sites that comprise any element of an Inactive Hazardous Waste Disposal Sites Remedial Program shall be conducted pursuant to one or more Department-approved work plans ("Work Plan" or "Work Plans") and this Order and all activities shall be consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 C.F.R. Part 300, as required under CERCLA, 42 U.S.C. § 9600 et seq. The Work Plan(s) under this Order shall address both on-Sites and off-Sites conditions and shall be developed and implemented in accordance with 6 NYCRR §

375-1.6(a), 375-3.6, and 375-6. Subject to Subparagraph III.E.3,. all Department-approved Work Plans shall be incorporated into and become enforceable parts of this Order. Upon approval of a Work Plan by the Department, Respondent shall implement such Work Plan in accordance with the schedule contained therein. Nothing in this Subparagraph shall mandate that any particular Work Plan be submitted.

The Work Plans shall be captioned as follows:

- Sites Characterization ("SC") Work Plan: a Work Plan which provides for the identification of the presence of any hazardous waste disposal at the Sites;
- 2. Remedial Investigation/Feasibility Study ("RI/FS") Work Plan: a Work Plan which provides for the investigation of the nature and extent of contamination within the boundaries of the Sites and emanating from such Sites and a study of remedial alternatives to address such on-Sites and off-Sites contamination:
- Remedial Design/Remedial Action ("RD/RA") Work Plan: a Work Plan which provides for the development and implementation of final plans and specifications for implementing the remedial alternative set forth in the ROD;
- "IRM Work Plan" if the Work Plan provides for an interim remedial measure;
- "Sites Management Plan" if the Work Plan provides for the identification and implementation of institutional and/or engineering controls as well as any necessary monitoring and/or operation and maintenance of the remedy; or
- "Supplemental" if additional work plans other than those set forth in II.A.1-5 are required to be prepared and implemented.
- B. <u>Submission/Implementation of Work</u> Plans

- Respondent may opt to propose one or more additional or supplemental Work Plans (including one or more IRM Work Plans) at any time, which the Department shall review for appropriateness and technical sufficiency.
- Any proposed Work Plan shall be submitted for the Department's review and approval and shall include, at a minimum, a chronological description of the anticipated activities, a schedule for performance of those activities, and sufficient detail to allow the Department to evaluate that Work Plan.
- i. The Department shall notify Respondent in writing if the Department determines that any element of a Department-approved Work Plan needs to be modified in order to achieve the objectives of the Work Plan as set forth in Subparagraph III.A or to ensure that the Remedial Program otherwise protects human health and the environment. Upon receipt of such notification, Respondent shall, subject to dispute resolution pursuant to Paragraph XV, modify the Work Plan.
- ii. The Department may request, subject to dispute resolution pursuant to Paragraph XV, that Respondent submit additional or supplemental Work Plans for the Sites to complete the current remedial phase within thirty (30) Days after the Department's written request.
- 3. A Sites Management Plan, if necessary, shall be submitted in accordance with the schedule set forth in the IRM Work Plan or Remedial Work Plan.
- 4. During all field activities conducted under a Department-approved Work Plan, Respondent shall have on-Sites a representative who is qualified to supervise the activities undertaken in accordance with the provisions of 6 NYCRR 375-1.6(a)(3).
- A Professional Engineer must stamp and sign all Work Plans other than SC or RI/FS Work Plans.
- C. <u>Submission of Final Reports and</u> Periodic Reports

- In accordance with the schedule contained in a Work Plan, Respondent shall submit a final report as provided at 6 NYCRR 375-1.6(b) and a final engineering report as provided at 6 NYCRR 375-1.6(c).
- Any final report or final engineering report that includes construction activities shall include "as built" drawings showing any changes made to the remedial design or the IRM.
- In the event that the final engineering report for the Sites requires Sites management, Respondent shall submit an initial periodic report by in accordance with the schedule in the Sites Management Plan and thereafter in accordance with a schedule determined by the Department. Such periodic report shall be signed by a Professional Engineer or by such other qualified environmental professional as the Department may find acceptable and shall contain a certification as provided at 6 NYCRR 375-1.8(h)(3). Respondent may petition the Department for a determination that the institutional and/or engineering controls may be terminated. Such petition must be supported by a statement by a Professional Engineer that such controls are no longer necessary for the protection of public health and the environment. The Department shall not unreasonably withhold its approval of such petition.
- 4. Within sixty (60) days of the Department's approval of a Final Report, Respondent shall submit such additional Work Plans as is required by the Department in its approval letter of such Final Report. Failure to submit any additional Work Plans within such period shall be a violation of this Order.

D. Review of Submittals

- 1. The Department shall make a good faith effort to review and respond in writing to each submittal Respondent makes pursuant to this Order within sixty (60) Days. The Department's response shall include, in accordance with 6 NYCRR 375-1.6(d), an approval, modification request, or disapproval of the submittal, in whole or in part.
- i. Subject to Subparagraph III.E.3 and upon the Department's written approval of a Work Plan, such Department-approved Work

Plan shall be deemed to be incorporated into and made a part of this Order and shall be implemented in accordance with the schedule contained therein.

- ii. If the Department modifies or requests modifications to a submittal, it shall specify the reasons for such modification(s). Within fifteen (15) Days after the date of the Department's written notice that Respondent's submittal has been disapproved, Respondent shall notify the Department of its election in accordance with 6 NYCRR 375-1.6(d)(3). If Respondent elects to modify or accept the Department's modifications to the submittal, Respondent shall make a revised submittal that incorporates all of the Department's modifications to the first submittal in accordance with the time period set forth in 6 NYCRR 375-1.6(d)(3). In the event that Respondent's revised submittal is disapproved, the Department shall set forth its reasons for such disapproval in writing and Respondent shall be in violation of this Order unless it invokes dispute resolution pursuant to Paragraph XV and its position prevails. Failure to make an election or failure to comply with the election is a violation of this Order.
- iii. If the Department disapproves a submittal, it shall specify the reasons for its disapproval. Within fifteen (15) Days after the date of the Department's written notice that Respondent's submittal has been disapproved, Respondent shall notify the Department of its election in accordance with 6 NYCRR 375-1.6(d)(4). If Respondent elects to modify the submittal, Respondent shall make a revised submittal that addresses all of the Department's stated reasons for disapproving the first submittal in accordance with the time period set forth in 6 NYCRR 375-1.6(d)(4). In the event that Respondent's revised submittal is disapproved, the Department shall set forth its reasons for such disapproval in writing and Respondent shall be in violation of this Order unless it invokes dispute resolution pursuant to Paragraph XV and its position prevails. Failure to make an election or failure to comply with the election is a violation of this Order.
- Within thirty (30) Days after the Department's approval of a final report, Respondent shall submit such final report, as well as all data gathered and drawings and

submittals made pursuant to such Work Plan, in an electronic format acceptable to the Department. If any document cannot be converted into electronic format, Respondent shall submit such document in an alternative format acceptable to the Department.

E. Department's Issuance of a ROD

- 1. Respondent shall cooperate with the Department and provide reasonable assistance, consistent with the Citizen Participation Plan, in soliciting public comment on the proposed remedial action plan ("PRAP"), if any. After the close of the public comment period, the Department shall select a final remedial alternative for the Sites in a ROD. Nothing in this Order shall be construed to abridge any rights of Respondent, as provided by law, to judicially challenge the Department's ROD.
- 2. Respondent shall have 60 days from the date of the Department's issuance of the ROD to notify the Department in writing whether it will implement the remedial activities required by such ROD. If the Respondent elects not to implement the required remedial activities, then this order shall terminate in accordance with Paragraph XIV.A. Failure to make an election or failure to comply with the election is a violation of this Order.
- 3. Nothing in this Order, in any submittal, or in any work plan(s) submitted pursuant to this Order shall modify, expand, reduce, or otherwise change the remedial activities (including Sites management) required by a ROD issued by the Department.

F. <u>Institutional/Engineering Control</u> <u>Certification</u>

In the event that the remedy for the Sites, if any, or any Work Plan for the Sites, requires institutional or engineering controls, Respondent shall submit a written certification in accordance with 6 NYCRR 375-1.8(h)(3) and 375-3.8(h)(2).

IV. Penalties

A. 1. Respondent's failure to comply with any term of this Order constitutes a violation of this Order, the ECL, and 6 NYCRR 375-2.11(a)(4). Nothing herein abridges

Respondent's right to contest any allegation that it has failed to comply with this Order.

- Payment of any penalties shall not in any way alter Respondent's obligations under this Order.
- B. 1. Respondent shall not suffer any penalty or be subject to any proceeding or action in the event it cannot comply with any requirement of this Order as a result of any Force Majeure Event as provided at 6 NYCRR 375-1.5(b)(4). Respondent must use best efforts to anticipate the potential Force Majeure Event, best efforts to address any such event as it is occurring, and best efforts following the Force Majeure Event to minimize delay to the greatest extent possible. "Force Majeure" does not include Respondent's economic inability to comply with any obligation, the failure of Respondent to make complete and timely application for any required approval or permit. and non-attainment of the goals, standards, and requirements of this Order.
- 2. Respondent shall notify the Department in writing within five (5) Days of the onset of any Force Majeure Event. Failure to give such notice within such five (5) Day period constitutes a waiver of any claim that a delay is not subject to penalties. Respondent shall be deemed to know of any circumstance which it, any entity controlled by it, or its contractors knew or should have known.
- 3. Respondent shall have the burden of proving by a preponderance of the evidence that (i) the delay or anticipated delay has been or will be caused by a Force Majeure Event; (ii) the duration of the delay or the extension sought is warranted under the circumstances; (iii) best efforts were exercised to avoid and mitigate the effects of the delay; and (iv) Respondent complied with the requirements of Subparagraph IV.B.2 regarding timely notification.
- 4. If the Department agrees that the delay or anticipated delay is attributable to a Force Majeure Event, the time for performance of the obligations that are affected by the Force Majeure Event shall be extended for a period of time equivalent to the time lost because of the Force majuere event, in accordance with 375-1.5(4).

5. If the Department rejects Respondent's assertion that an event provides a defense to non-compliance with this Order pursuant to Subparagraph IV.B, Respondent shall be in violation of this Order unless it invokes dispute resolution pursuant to Paragraph XV and Respondent's position prevails.

V. Entry upon Sites

- A. Respondent hereby consents, upon reasonable notice under the circumstances presented, to entry upon the Sites (or areas in the vicinity of the Sites which may be under the control of Respondent) by any duly designated officer or employee of the Department or any State agency having jurisdiction with respect to matters addressed pursuant to this Order, and by any agent, consultant, contractor, or other person so authorized by the Commissioner, all of whom shall abide by the health and safety rules in effect for the Sites, for inspecting, sampling, copying records related to the contamination at the Sites, testing, and any other activities necessary to ensure Respondent's compliance with this Order. Upon request, Respondent shall (i) provide the Department with suitable work space at the Sites, including access to a telephone, to the extent available, and (ii) permit the Department full access to all non-privileged records relating to matters addressed by this Order. Raw data is not considered privileged and that portion of any privileged document containing raw data must be provided to the Department. In the event Respondent is unable to obtain any authorization from third-party property owners necessary to perform its obligations under this Order, the Department may, consistent with its legal authority, assist in obtaining such authorizations.
- B. The Department shall have the right to take its own samples and scientific measurements and the Department and Respondent shall each have the right to obtain split samples, duplicate samples, or both, of all substances and materials sampled. The Department shall make the results of any such sampling and scientific measurements available to Respondent.

VI. Payment of State Costs

- A. Within forty-five (45) days after receipt of an itemized invoice from the Department, Respondent shall pay to the Department a sum of money which shall represent reimbursement for State Costs as provided by 6 NYCRR 375-1.5 (b)(3)(i). Failure to timely pay any invoice will be subject to late payment charge and interest at a rate of 9% from the date the payment is due until the date the payment is made.
- B. Costs shall be documented as provided by 6 NYCRR 375-1.5(b)(3). The Department shall not be required to provide any other documentation of costs, provided however, that the Department's records shall be available consistent with, and in accordance with, Article 6 of the Public Officers Law.
- C. Each such payment shall be made payable to the New York State Department of Environmental Conservation and shall be sent to:

Director, Bureau of Program Management Division of Environmental Remediation New York State Department of Environmental Conservation 625 Broadway Albany, New York 12233-7012

- D. The Department shall provide written notification to the Respondent of any change in the foregoing addresses.
- E. If Respondent objects to any invoiced costs under this Order, the provisions of 6 NYCRR 375-1.5 (b)(3)(v) and (vi) shall apply. Objections shall be sent to the Department as provided under subparagraph VI.C above.
- F. In the event of non-payment of any invoice within the 45 days provided herein, the Department may seek enforcement of this provision pursuant to Paragraph IV or the Department may commence an enforcement action for non-compliance with ECL '27-1423 and ECL 71-4003.

VII. Release and Covenant Not to Sue

Upon the Department's issuance of a Certificate of Completion as provided at 6 NYCRR 375-1.9 and 375-2.9, Respondent shall obtain the benefits conferred by such provisions,

subject to the terms and conditions described therein.

VIII. Reservation of Rights

- A. Except as provided at 6 NYCRR 375-1.9 and 375-2.9, nothing contained in this Order shall be construed as barring, diminishing, adjudicating, or in any way affecting any of the Department's rights or authorities, including, but not limited to, the right to require performance of further investigations and/or response action(s), to recover natural resource damages, and/or to exercise any summary abatement powers with respect to any person, including Respondent.
- B. Except as otherwise provided in this Order, Respondent specifically reserves all rights and defenses under applicable law respecting any Departmental assertion of remedial liability and/or natural resource damages against Respondent, and further reserves all rights respecting the enforcement of this Order, including the rights to notice, to be heard, to appeal, and to any other due process. The existence of this Order or Respondent's compliance with it shall not be construed as an admission of liability, fault, wrongdoing, or breach of standard of care by Respondent, and shall not give rise to any presumption of law or finding of fact, or create any rights, or grant any cause of action, which shall inure to the benefit of any third party. Further, Respondent reserves such rights as it may have to seek and obtain contribution, indemnification, and/or any other form of recovery from its insurers and from other potentially responsible parties or their insurers for past or future response and/or cleanup costs or such other costs or damages arising from the contamination at the Sites as may be provided by law, including but not limited to rights of contribution under section 113(f)(3)(B) of CERCLA, 42 U.S.C. § 9613(f)(3)(B).

IX. Indemnification

Respondent shall indemnify and hold the Department, the State of New York, the Trustee of the State's natural resources, and their representatives and employees harmless as provided by 6 NYCRR 375-2.5(a)(3)(i).

X. Public Notice

- A. Within thirty (30) Days after the effective date of this Order, Respondent shall provide notice as required by 6 NYCRR 375-1.5(a). Within sixty (60) Days of such filing, Respondent shall provide the Department with a copy of such instrument certified by the recording officer to be a true and faithful copy.
- B. If Respondent proposes to transfer by sale or lease the whole or any part of Respondent's interest in the Sites, or becomes aware of such transfer, Respondent shall, not fewer than forty-five (45) Days before the date of transfer, or within forty-five (45) Days after becoming aware of such conveyance, notify the Department in writing of the identity of the transferee and of the nature and proposed or actual date of the conveyance, and shall notify the transferee in writing, with a copy to the Department, of the applicability of this Order. However, such obligation shall not extend to a conveyance by means of a corporate reorganization or merger or the granting of any rights under any mortgage, deed, trust, assignment, judgment, lien, pledge, security agreement, lease, or any other right accruing to a person not affiliated with Respondent to secure the repayment of money or the performance of a duty or obligation.

XI. Change of Use

Applicant shall notify the Department at least sixty (60) days in advance of any change of use, as defined in 6 NYCRR 375-2.2(a), which is proposed for the Sites, in accordance with the provisions of 6 NYCRR 375-1.11(d). In the event the Department determines that the proposed change of use is prohibited, the Department shall notify Applicant of such determination within forty-five (45) days of receipt of such notice.

XII. Environmental Easement

A. If a Record of Decision for the Sites relies upon one or more institutional and/or engineering controls, Respondent (or the owner of the Sites) shall submit to the Department for approval an Environmental Easement to run with the land in favor of the State which complies with the requirements of ECL Article 71, Title 36, and 6 NYCRR 375-1.8(h)(2). Upon acceptance of the Environmental Easement by the State,

Respondent shall comply with the requirements of 6 NYCRR 375-1.8(h)(2).

- B. If the ROD provides for no action other than implementation of one or more institutional controls, Respondent shall cause an environmental easement to be recorded under the provisions of Subparagraph XII.A.
- C. If Respondent does not cause such environmental easement to be recorded in accordance with 6 NYCRR 375-1.8(h)(2), Respondent will not be entitled to the benefits conferred by 6 NYCRR 375-1.9 and 375-2.9 and the Department may file an Environmental Notice on the Sites.

XIII. Progress Reports

Respondent shall submit a written progress report of its actions under this Order to the parties identified in Subparagraph IV.A.1 of the Order by the 10th day of each month commencing with the month subsequent to the approval of the first Work Plan and ending with the Termination date as set forth in Paragraph XIV, unless a different frequency is set forth in a Work Plan. Such reports shall, at a minimum, include: all actions relative to the Sites during the previous reporting period and those anticipated for the next reporting period; all approved activity modifications (changes of work scope and/or schedule); all results of sampling and tests and all other data received or generated by or on behalf of Respondent in connection with this Sites, whether under this Order or otherwise, in the previous reporting period, including quality assurance/quality control information; information regarding percentage of completion; unresolved delays encountered or anticipated that may affect the future schedule and efforts made to mitigate such delays; and information regarding activities undertaken in support of the Citizen Participation Plan during the previous reporting period and those anticipated for the next reporting period.

XIV. Termination of Order

- A. This Order will terminate upon the earlier of the following events:
- Respondent's election in accordance with Paragraph III.E.2 not to implement the remedial activities required

pursuant to the ROD. In the event of termination in accordance with this Subparagraph, this Order shall terminate effective the 5th Day after the Department's receipt of the written notification, provided, however, that if there are one or more Work Plan(s) for which a final report has not been approved at the time of Respondent's notification of its election not to implement the remedial activities in accordance with the ROD, Respondent shall complete the activities required by such previously approved Work Plan(s) consistent with the schedules contained therein. Thereafter, this Order shall terminate effective the 5th Day after the Department's approval of the final report for all previously approved Work Plans; or

- 2. The Department's written determination that Respondent has completed all phases of the Remedial Program (including Sites Management), in which event the termination shall be effective on the 5th Day after the date of the Department's letter stating that all phases of the remedial program have been completed.
- B. Notwithstanding the foregoing, the provisions contained in Paragraphs VI and IX shall survive the termination of this Order and any violation of such surviving Paragraphs shall be a violation of this Order, the ECL, and 6 NYCRR 375-2.11(a)(4), subjecting Respondent to penalties as provided under Paragraph IV so long as such obligations accrued on or prior to the Termination Date.
- C. If the Order is terminated pursuant to Subparagraph XIV.A.1, neither this Order nor its termination shall affect any liability of Respondent for remediation of the Sites and/or for payment of State Costs, including implementation of removal and remedial actions, interest, enforcement, and any and all other response costs as defined under CERCLA, nor shall it affect any defenses to such liability that may be asserted by Respondent. Respondent shall also ensure that it does not leave the Sites in a condition, from the perspective of human health and environmental protection, worse than that which existed before any activities under this Order were commenced. Further, the Department's efforts in obtaining and overseeing compliance with this Order shall constitute reasonable efforts under law to obtain a voluntary commitment from Respondent for any

further activities to be undertaken as part of a Remedial Program for the Sites.

XV. Dispute Resolution

- A. In the event disputes arise under this Order, Respondent may, within fifteen (15) Days after Respondent knew or should have known of the facts which are the basis of the dispute, initiate dispute resolution in accordance with the provisions of 6 NYCRR 375-1.5(b)(2).
- B. All cost incurred by the Department associated with dispute resolution are State costs subject to reimbursement pursuant to this Order.
- C. Nothing contained in this Order shall be construed to authorize Respondent to invoke dispute resolution with respect to the remedy selected by the Department in the ROD or any element of such remedy, nor to impair any right of Respondent to seek judicial review of the Department's selection of any remedy.

XVI.Miscellaneous

- A. Respondent agrees to comply with and be bound by the provisions of 6 NYCRR Subparts 375-1 and 375-2; the provisions of such Subparts that are referenced herein are referenced for clarity and convenience only and the failure of this Order to specifically reference any particular regulatory provision is not intended to imply that such provision is not applicable to activities performed under this Order.
- B. The Department may exempt Respondent from the requirement to obtain any state or local permit or other authorization for any activity conducted pursuant to this Order in accordance with 6 NYCRR 375-1.12(b), (c), and (d).
- C. 1. Respondent shall use best efforts to obtain all Sites access, permits, easements, approvals, institutional controls, and/or authorizations necessary to perform Respondent's obligations under this Order, including all Department-approved Work Plans and the schedules contained therein. If, despite Respondent's best efforts, any access, permits, easements, approvals, institutional controls, or authorizations cannot be obtained, Respondent

shall promptly notify the Department and include a summary of the steps taken. The Department may, as it deems appropriate and within its authority, assist Respondent in obtaining same.

- 2. If an interest in property is needed to implement an institutional control required by a Work Plan and such interest cannot be obtained, the Department may require Respondent to modify the Work Plan pursuant to 6 NYCRR 375-1.6(d)(3) to reflect changes necessitated by Respondent's inability to obtain such interest.
- D. The paragraph headings set forth in this Order are included for convenience of reference only and shall be disregarded in the construction and interpretation of any provisions of this Order.
- E. 1. The terms of this Order shall constitute the complete and entire agreement between the Department and Respondent concerning the implementation of the activities required by this Order. No term, condition, understanding, or agreement purporting to modify or vary any term of this Order shall be binding unless made in writing and subscribed by the party to be bound. No informal advice, guidance, suggestion, or comment by the Department shall be construed as relieving Respondent of Respondent's obligation to obtain such formal approvals as may be required by this Order. In the event of a conflict between the terms of this Order and any Work Plan submitted pursuant to this Order, the terms of this Order shall control over the terms of the Work Plan(s). Respondent consents to and agrees not to contest the authority and jurisdiction of the Department to enter into or enforce this Order.
- i. Except as set forth herein, if Respondent desires that any provision of this Order be changed, Respondent shall make timely written application to the Commissioner with copies to the parties listed in Subparagraph IV.A.1.
- ii. If Respondent seeks to modify an approved Work Plan, a written request shall be made to the Department's project manager, with copies to the parties listed in Subparagraph IV.A.1.

- iii. Requests for a change to a time frame set forth in this Order shall be made in writing to the Department's project attorney and project manager; such requests shall not be unreasonably denied and a written response to such requests shall be sent to Respondent promptly.
- F. 1. If there are multiple parties signing this Order, the term "Respondent" shall be read in the plural, the obligations of each such party under this Order are joint and several, and the insolvency of or failure by any Respondent to implement any obligations under this Order shall not affect the obligations of the remaining Respondent(s) under this Order.
- 2. If Respondent is a partnership, the obligations of all general partners (including limited partners who act as general partners) under this Order are joint and several and the insolvency or failure of any general partner to implement any obligations under this Order shall not affect the obligations of the remaining partner(s) under this Order.
- Notwithstanding the foregoing Subparagraphs XVI.F.1 and 2, if multiple parties sign this Order as Respondents but not all of the signing parties elect to implement a Work Plan, all Respondents are jointly and severally liable for each and every obligation under this Order through the completion of activities in such Work Plan that all such parties consented to: thereafter, only those Respondents electing to perform additional work shall be jointly and severally liable under this Order for the obligations and activities under such additional Work Plan(s). The parties electing not to implement the additional Work Plan(s) shall have no obligations under this Order relative to the activities set forth in such Work Plan(s). Further, only those Respondents electing to implement such additional Work Plan(s) shall be eligible to receive the release and covenant not to sue referenced in Paragraph VII.
- G. Respondent shall be entitled to receive contribution protection and/or to seek contribution to the extent authorized by ECL 27-1421(6) and 6 NYCRR 375-1.5(b)(5).
- H. Any time limitations set forth in Section 113(g)(1) of CERCLA, as amended, 42 U.S.C. § 9613(g)(1), Section 1012(h)(2) of the Oil

- Pollution Act, as amended, 33 U.S.C. § 2712(h)(2), the Federal Water Pollution Control Act, the New York Navigation Law, the New York Environmental Conservation Law, or any other federal or state statute or regulation with respect to potential claims for natural resource damages against Respondent or any other time limitations for the filing of potential natural resource damages claims against Respondent under any other applicable state or federal law are tolled in their entirety from the effective date of this Order until termination of this Order.
- I. Unless otherwise expressly provided herein, terms used in this Order which are defined in ECL Article 27 or in regulations promulgated thereunder shall have the meaning assigned to them under said statute or regulations.

- J. Respondent's obligations under this Order represent payment for or reimbursement of response costs, and shall not be deemed to constitute any type of fine or penalty.
- K. Respondent and Respondent's successors and assigns shall be bound by this Order. Any change in ownership or corporate status of Respondent shall in no way alter Respondent's responsibilities under this Order.
- L. This Order may be executed for the convenience of the parties hereto, individually or in combination, in one or more counterparts, each of which shall be deemed to have the status of an executed original and all of which shall together constitute one and the same.