

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF ILLINOIS

UNITED STATES OF AMERICA,

Plaintiff,

v.

ALCOA INC.,
CITY OF EAST SAINT LOUIS,
ILLINOIS, and
ALTON & SOUTHERN
RAILWAY COMPANY,

Defendants.

Civil Action No. 3 : 13 - cv - 01126 - MJR - SCW

OU 1 REMEDIAL DESIGN/REMEDIAL ACTION (RD/RA) CONSENT DECREE

TABLE OF CONTENTS

I.	BACKGROUND.....	1
II.	JURISDICTION.....	2
III.	PARTIES BOUND.....	2
IV.	DEFINITIONS.....	3
V.	GENERAL PROVISIONS.....	7
VI.	PERFORMANCE OF THE WORK BY SETTLING DEFENDANTS.....	9
VII.	QUALITY ASSURANCE, SAMPLING, AND DATA ANALYSIS.....	14
VIII.	ACCESS AND INSTITUTIONAL CONTROLS.....	16
IX.	REPORTING REQUIREMENTS.....	20
X.	EPA APPROVAL OF PLANS, REPORTS, AND OTHER DELIVERABLES.....	21
XI.	PROJECT COORDINATORS.....	22
XII.	PERFORMANCE GUARANTEE.....	23
XIII.	CERTIFICATION OF COMPLETION.....	27
XIV.	EMERGENCY RESPONSE.....	30
XV.	PAYMENTS FOR RESPONSE COSTS.....	30
XVI.	INDEMNIFICATION AND INSURANCE.....	33
XVII.	FORCE MAJEURE.....	34
XVIII.	DISPUTE RESOLUTION.....	35
XIX.	STIPULATED PENALTIES.....	37
XX.	COVENANTS BY PLAINTIFF.....	40
XXI.	COVENANTS BY SETTLING DEFENDANTS.....	42
XXII.	EFFECT OF SETTLEMENT; CONTRIBUTION.....	44
XXIII.	ACCESS TO INFORMATION.....	45
XXIV.	RETENTION OF RECORDS.....	46
XXV.	NOTICES AND SUBMISSIONS.....	47
XXVI.	RETENTION OF JURISDICTION.....	48
XXVII.	APPENDICES.....	48
XXVIII.	COMMUNITY INVOLVEMENT.....	49
XXIX.	MODIFICATION.....	49
XXX.	LODGING AND OPPORTUNITY FOR PUBLIC COMMENT.....	50
XXXI.	SIGNATORIES/SERVICE.....	50
XXXII.	FINAL JUDGMENT.....	50

I. BACKGROUND

A. The United States of America (“United States”), on behalf of the Administrator of the United States Environmental Protection Agency (“EPA”), filed a complaint in this matter pursuant to Sections 106 and 107 of the Comprehensive Environmental Response, Compensation, and Liability Act (“CERCLA”), 42 U.S.C. §§ 9606, 9607.

B. The United States in its complaint seeks, *inter alia*: (1) reimbursement of costs incurred by EPA and the Department of Justice (“DOJ”) for response actions at the North Alcoa Superfund Site in East St. Louis, Illinois, together with accrued interest; and (2) performance of response actions by the Defendants at the Site consistent with the National Contingency Plan, 40 C.F.R. Part 300 (“NCP”).

C. In accordance with the NCP and Section 121(f)(1)(F) of CERCLA, 42 U.S.C. § 9621(f)(1)(F), EPA notified the State of Illinois (the “State”) on May 17, 2012, of negotiations with potentially responsible parties (“PRPs”) regarding the implementation of the Remedial Design and Remedial Action for the Site, and EPA has provided the State with an opportunity to participate in such negotiations and be a party to this Consent Decree.

D. In accordance with Section 122(j)(1) of CERCLA, 42 U.S.C. § 9622(j)(1), EPA notified the National Oceanic and Atmospheric Administration, the United States Department of the Interior, and the Illinois Department of Natural Resources on May 17, 2012 of negotiations with PRPs 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 Consent Decree.

E. The Defendants that have entered into this Consent Decree (“Settling Defendants”) do not admit any liability, including joint and several liability for construction of the Remedial Action, to Plaintiff arising out of the transactions or occurrences alleged in the complaint, nor do they acknowledge that the release or threatened release of hazardous substance(s) at or from the Site constitutes an imminent and substantial endangerment to the public health or welfare or the environment.

F. In response to a release or a substantial threat of a release of a hazardous substance(s) at or from the Site, Settling Defendants Alcoa Inc. (“Alcoa”) and the City of East Saint Louis, Illinois (“the City”) commenced on December 31, 2002, a Remedial Investigation and Feasibility Study (“RI/FS”) for the Site pursuant to 40 C.F.R. § 300.430.

G. Settling Defendants Alcoa and the City submitted a Focused Feasibility Study (“FFS”) Report for Operable Unit 1 (“OU 1”) on April 9, 2012, which EPA approved on April 11, 2012 that included relevant OU 1 information from the Site-wide Draft Revised Remedial Investigation (“RI”) Report submitted on March 17, 2009.

H. Pursuant to Section 117 of CERCLA, 42 U.S.C. § 9617, EPA published notice of the completion of the FFS and of the proposed plan for Remedial Action on April 12, 2012, in a major local newspaper of general circulation. EPA provided an opportunity for written and oral comments from the public on the proposed plan for Remedial Action. A copy of the transcript of the public meeting is available to the public as part of the administrative record upon which the Superfund Division Director, EPA Region 5, based the selection of the response action.

I. The decision by EPA on the OU 1 Remedial Action to be implemented at the Site is embodied in a final Record of Decision (“ROD”), executed on July 26, 2012, on which the State has given its concurrence. The ROD includes a responsiveness summary to the public comments. Notice of the final plan was published in accordance with Section 117(b) of CERCLA, 42 U.S.C. § 9617(b). The OU 1 remedy consists of a sloped cover over waste within the OU 1 area but also allows, with regard to only the “Operable Unit 1 Railway Tract,” as defined below, for the construction of an alternative Operable Unit 1 Railway Tract remedy (the “alternative Railway Tract remedy”). The alternative Railway Tract remedy consists of a retaining wall and a lower elevation cover over waste on the Railway Tract; construction, modification and replacement of surface stormwater controls to manage a 100 year flood event on-site; construction of fencing; and, institutional controls.

J. Based on the information presently available to EPA, EPA believes that the Work will be properly and promptly conducted by Settling Defendants if conducted in accordance with the requirements of this Consent Decree and its appendices.

K. Solely for the purposes of Section 113(j) of CERCLA, 42 U.S.C. § 9613(j), the remedy set forth in the ROD and the Work to be performed by Settling Defendants shall constitute a response action taken or ordered by the President for which judicial review shall be limited to the administrative record.

L. The Parties recognize, and the Court by entering this Consent Decree finds, that this Consent Decree has been negotiated by the Parties in good faith and implementation of this Consent Decree will expedite the remediation of the Site and will avoid prolonged and complicated litigation between the Parties, and that this Consent Decree is fair, reasonable, and in the public interest.

NOW, THEREFORE, it is hereby Ordered, Adjudged, and Decreed:

II. JURISDICTION

1. This Court has jurisdiction over the subject matter of this action pursuant to 28 U.S.C. §§ 1331 and 1345, and 42 U.S.C. §§ 9606, 9607, and 9613(b). This Court also has personal jurisdiction over Settling Defendants. Solely for the purposes of this Consent Decree and the underlying complaint, Settling Defendants waive all objections and defenses that they may have to jurisdiction of the Court or to venue in this District. Settling Defendants shall not challenge the terms of this Consent Decree or this Court’s jurisdiction to enter and enforce this Consent Decree.

III. PARTIES BOUND

2. This Consent Decree applies to and is binding upon the United States and upon Settling Defendants and their successors and assigns. Any change in ownership or corporate status of a Settling Defendant including, but not limited to, any transfer of assets or real or personal property, shall in no way alter such Settling Defendant's responsibilities under this Consent Decree.

3. Settling Defendants shall provide a copy of this Consent Decree to each contractor hired to perform the Work required by this Consent Decree and to each person representing any Settling Defendant with respect to the Site or the Work, and shall condition all contracts entered into hereunder upon performance of the Work in conformity with the terms of this Consent Decree. Settling Defendants or their contractors shall provide written notice of the Consent Decree to all subcontractors hired to perform any portion of the Work required by this Consent Decree. Settling Defendants shall nonetheless be responsible for ensuring that their contractors and subcontractors perform the Work in accordance with the terms of this Consent Decree. With regard to the activities undertaken pursuant to this Consent Decree, each contractor and subcontractor shall be deemed to be in a contractual relationship with Settling Defendants within the meaning of Section 107(b)(3) of CERCLA, 42 U.S.C. § 9607(b)(3).

IV. DEFINITIONS

4. Unless otherwise expressly provided in this Consent Decree, terms used in this Consent Decree that are defined in CERCLA or in regulations promulgated under CERCLA shall have the meaning assigned to them in CERCLA or in such regulations. Whenever terms listed below are used in this Consent Decree or its appendices, the following definitions shall apply solely for purposes of this Consent Decree:

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

"Consent Decree" shall mean this Consent Decree and all appendices attached hereto (listed in Section XXVII). In the event of conflict between this Consent Decree and any appendix, this Consent Decree shall control.

"Day" or "day" shall mean a calendar day unless expressly stated to be a working day. The term "working day" shall mean a day other than a Saturday, Sunday, or federal or state holiday. In computing any period of time under this Consent Decree, where the last day would fall on a Saturday, Sunday, or federal or state holiday, the period shall run until the close of business of the next working day.

"DOJ" shall mean the United States Department of Justice and its successor departments, agencies, or instrumentalities.

“Effective Date” shall mean the date upon which this Consent Decree is entered by the Court as recorded on the Court docket, or, if the Court instead issues an order approving the Consent Decree, the date such order is recorded on the Court docket.

“EPA” shall mean the United States Environmental Protection Agency and its successor departments, agencies, or instrumentalities.

“EPA Hazardous Substance Superfund” shall mean the Hazardous Substance Superfund established by the Internal Revenue Code, 26 U.S.C. § 9507.

“Illinois EPA” shall mean the Illinois Environmental Protection Agency and any successor departments or agencies of the State.

“Future Response Costs” shall mean all costs, including, but not limited to, direct and indirect costs, that the United States incurs in reviewing or developing plans, reports, and other deliverables submitted pursuant to this Consent Decree, in overseeing implementation of the Work, or otherwise implementing, overseeing, or enforcing this Consent Decree, including, but not limited to, payroll costs, contractor costs, travel costs, laboratory costs, the costs incurred pursuant to Paragraph 9 (Notice to Successors-in-Title and Transfers of Real Property), Sections VIII (Access and Institutional Controls) (including, but not limited to, the cost of attorney time and any monies paid to secure access and/or to secure, implement, monitor, maintain, or enforce Institutional Controls including, but not limited to, the amount of just compensation), XIV (Emergency Response), Paragraph 43 (Funding for Work Takeover), and Section XXVIII (Community Involvement). Future Response Costs shall also include all Interim Response Costs, and all Interest on those Past Response Costs Settling Defendants have agreed to pay under this Consent Decree that has accrued pursuant to 42 U.S.C. § 9607(a) during the period from February 29, 2012 to the Effective Date.

“Institutional Controls” or “ICs” shall mean Proprietary Controls, the Illinois Uniform Environmental Covenant Act, 765 ILCS 122/1-15 (“UECA”), and other state or local laws, regulations, ordinances, zoning restrictions; or other governmental controls or notices that: (a) limit land, water, and/or resource use to minimize the potential for human exposure to Waste Material at or in connection with the Site; (b) limit land, water, and/or resource use to implement, ensure non-interference with, or ensure the protectiveness of the Remedial Action; and/or (c) provide information intended to modify or guide human behavior at or in connection with the Site.

“Institutional Control Implementation and Assurance Plan” or “ICIAP” shall mean the plan for implementing, maintaining, monitoring, and reporting on the Institutional Controls set forth in the ROD, prepared in accordance with the Statement of Work (“SOW”).

“Interim Response Costs” shall mean all costs, including, but not limited to, direct and indirect costs, (a) paid by the United States in connection with the Site between February 29, 2012 and the Effective Date, or (b) incurred prior to the Effective Date but paid after that date.

“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 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.

“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, codified at 40 C.F.R. Part 300, and any amendments thereto.

“North Alcoa Site Special Account” shall mean the special account, within the EPA Hazardous Substance Superfund, established for the Site by EPA pursuant to Section 122(b)(3) of CERCLA, 42 U.S.C. § 9622(b)(3), and the Administrative Order on Consent for Remedial Investigation/Feasibility Study, In the matter of North Alcoa Site, dated December 31, 2002.

“Operable Unit 1” or “OU 1” shall mean that portion within the North Alcoa Superfund Site, addressing surface contamination and on-site stormwater within all of investigative block (IB) IB-1 and IB-2, and some of IB-3 and IB-4 encompassing approximately 220 acres, as depicted generally within the dotted-dashed black boundary line and internal diagonal dashed line on the map attached as Appendix C, which connects with and is coterminous with the Site boundary to the north and east of the Site, depicted by the dotted boundary line on the map attached as Appendix C. OU 1 will be more precisely described in the approved as-built drawings submitted pursuant to Paragraph 45 (Completion of the OU 1 Remedial Action).

“Operable Unit 1 Sub-Unit” or “OU 1 Sub-Unit” shall mean one of up to six portions of OU 1, each portion encompassing not less than 25 acres, except for the Railway Tract, which will be a Sub-Unit if the alternative Railway Tract remedy is constructed, with the boundaries for each portion as defined in the approved Remedial Action Work Plan.

“Operable Unit 1 Railway Tract” or “Railway Tract” shall mean the Alton & Southern Railway Company owned portion of the North Alcoa Superfund Site, Operable Unit 1, encompassing approximately 4.75 acres, which extends to the Site boundary to the east of the Site and extends between 60 and 68 feet to the west of the center line of the existing railway track, as depicted generally within the dashed boundary line and internal shading on the map attached as Appendix C. If the alternative Railway Tract remedy is constructed, it will be more precisely described in the approved as-built drawings submitted pursuant to Paragraph 45 (Completion of the OU 1 Remedial Action).

“Operation and Maintenance” or “O&M” shall mean all activities required to maintain the effectiveness of the Remedial Action as required under the Operation and Maintenance Plan approved or developed by EPA pursuant to Section VI (Performance of the Work by Settling Defendants) and the SOW, and maintenance, monitoring, and enforcement of Institutional Controls as provided in the ICIAP.

“Owner Settling Defendants” shall mean the City of East Saint Louis, Illinois and the Alton & Southern Railway Company.

“Paragraph” shall mean a portion of this Consent Decree identified by an Arabic numeral or an upper or lower case letter.

“Parties” shall mean the United States and Settling Defendants.

“Past Response Costs” shall mean all costs, including, but not limited to, direct and indirect costs, that the United States paid at or in connection with the Site through February 29, 2012, plus Interest on all such costs that has accrued pursuant to 42 U.S.C. § 9607(a) through such date.

“Performance Standards” shall mean the cleanup standards and other measures of achievement of the goals of the Remedial Action set forth in the ROD and the SOW and any modified standards established pursuant to this Consent Decree.

“Plaintiff” shall mean the United States.

“Proprietary Controls” shall mean easements or covenants running with the land that (a) limit land, water, or resource use and/or provide access rights and (b) are created pursuant to UECA, common law, or other statutory law by an instrument that is recorded by the owner of the real estate or holder/grantee of the easement or covenant in the appropriate land records office.

“RCRA” shall mean the Solid Waste Disposal Act, 42 U.S.C. §§ 6901-6992 (also known as the Resource Conservation and Recovery Act).

“Record of Decision” or “ROD” shall mean the EPA Record of Decision relating to the Operable Unit 1 at the Site signed on July 26, 2012, by the Superfund Division Director, EPA Region 5, and all attachments thereto. The ROD is attached as Appendix A.

“Remedial Action” shall mean all activities Settling Defendants are required to perform under the Consent Decree to implement the OU 1 ROD, in accordance with the SOW, the final approved remedial design submission, the approved Remedial Action Work Plan, and other plans approved by EPA, including implementation of Institutional Controls, until the Performance Standards are met, and excluding performance of the Remedial Design, O&M, and the activities required under Section XXIV (Retention of Records).

“Remedial Action Work Plan” shall mean the document developed pursuant to Paragraph 12 (Remedial Action) and approved by EPA, and any modifications thereto.

“Remedial Design” shall mean those activities to be undertaken by Settling Defendants to develop the final plans and specifications for the OU 1 Remedial Action pursuant to the Remedial Design Work Plan.

“Remedial Design Work Plan” shall mean the document developed pursuant to Paragraph 11 (Remedial Design) and approved by EPA, and any modifications thereto.

“Secondary Supervising Contractor” shall mean the contractor retained by the Alton & Southern Railway Company to supervise and direct the implementation of the ROD selected Work for the alternative Railway Tract remedy.

“Section” shall mean a portion of this Consent Decree identified by a Roman numeral.

“Settling Defendants” shall mean the City of East Saint Louis, Illinois; Alcoa Inc.; and the Alton & Southern Railway Company.

“Site” shall mean the OU 1 North Alcoa Superfund Site, encompassing approximately 400 acres, extending east from the corner of Missouri Avenue and 29th Street, in the 300 block of Missouri Avenue, in the southeastern portion of the City of East St. Louis, St. Clair County, Illinois, and depicted by the solid red boundary line on the map attached as Appendix C.

“State” shall mean the State of Illinois.

“Statement of Work” or “SOW” shall mean the statement of work for implementation of the OU 1 Remedial Design, Remedial Action, and O&M at the Site, as set forth in Appendix B to this Consent Decree and any modifications made in accordance with this Consent Decree.

“Supervising Contractor” shall mean the principal contractor retained by Settling Defendants to supervise and direct the implementation of the Work under this Consent Decree; notwithstanding the foregoing, if the Alton & Southern Railway Company proposes to perform the ROD selected Remedial Action alternative Railway Tract remedy, the Alton & Southern Railway may retain a secondary Supervising Contractor to supervise and direct the Railway Tract Work to be performed. The obligations and responsibilities of each such Supervising Contractor are provided in Paragraph 10, below.

“Transfer” shall mean to sell, assign, convey, lease, mortgage, or grant a security interest in, or where used as a noun, a sale, assignment, conveyance, or other disposition of any interest by operation of law or otherwise.

“United States” shall mean the United States of America and each department, agency, and instrumentality of the United States, including EPA.

“Waste Material” shall mean (a) any “hazardous substance” under Section 101(14) of CERCLA, 42 U.S.C. § 9601(14); (b) any pollutant or contaminant under Section 101(33) of CERCLA, 42 U.S.C. § 9601(33); (c) any “solid waste” under Section 1004(27) of RCRA, 42 U.S.C. § 6903(27); (d) any “hazardous waste” under 35 Ill. Adm. Code 721 and any “waste” under 35 Ill. Adm. Code 807.

“Work” shall mean all activities and obligations Settling Defendants are required to perform under this Consent Decree, except the activities required under Section XXIV (Retention of Records).

V. GENERAL PROVISIONS

5. Objectives of the Parties. The objectives of the Parties in entering into this Consent Decree are to protect public health or welfare or the environment by the design and implementation of response actions at the Site by Settling Defendants, to pay response costs of the Plaintiff, and to resolve the claims of Plaintiff against Settling Defendants as provided in this Consent Decree.

6. Commitments by Settling Defendants.

a. Settling Defendants shall finance and perform the Work in accordance with this Consent Decree, the ROD, the SOW, and all work plans and other plans, standards, specifications, and schedules set forth in this Consent Decree or developed by Settling Defendants and approved by EPA pursuant to this Consent Decree. Settling Defendants shall pay the United States for Past Response Costs and Future Response Costs as provided in this Consent Decree.

b. The obligations of Settling Defendants to finance and perform the Work, including obligations to pay amounts due under this Consent Decree, are joint and several. In the event of the insolvency of any Settling Defendant or the failure by any Settling Defendant to implement any requirement of this Consent Decree, the remaining Settling Defendants shall complete all such requirements. Notwithstanding the foregoing, in the event that the alternative Railway Tract remedy is constructed, the City of East Saint Louis, Illinois and Alcoa Inc., shall be jointly and severally responsible for performing the operation and maintenance (O&M) for the Site except for the Railway Tract, and the Alton & Southern Railway Company shall be individually responsible for performing the O&M for the Railway Tract and no other part of the Site. Notwithstanding the foregoing, payment of future response cost obligations is set forth in Paragraph 50, below.

7. Compliance With Applicable Law. All activities undertaken by Settling Defendants pursuant to this Consent Decree shall be performed in accordance with the requirements of all applicable federal and state laws and regulations. Settling Defendants must also comply with all applicable or relevant and appropriate requirements of all federal and state environmental laws as set forth in the ROD and the SOW. The activities conducted pursuant to this Consent Decree, if approved by EPA, shall be deemed to be consistent with the NCP.

8. Permits.

a. As provided in Section 121(e) of CERCLA, 42 U.S.C. § 9621(e), and Section 300.400(e) of the NCP, no permit shall be required for any portion of the Work conducted entirely on-site (i.e., within the areal extent of contamination or in very close proximity to the contamination and necessary for implementation of the Work). Where any portion of the Work that is not on-site requires a federal or state permit or approval, Settling Defendants shall submit timely and complete applications and take all other actions necessary to obtain all such permits or approvals.

b. Settling Defendants may seek relief under the provisions of Section XVII (Force Majeure) for any delay in the performance of the Work resulting from a failure to obtain, or a delay in obtaining, any permit or approval referenced in Paragraph 8.a and required for the Work, provided that they have submitted timely and complete applications and taken all other actions necessary to obtain all such permits or approvals.

c. This Consent Decree is not, and shall not be construed to be, a permit issued pursuant to any federal or state statute or regulation.

9. Notice to Successors-in-Title and Transfers of Real Property.

a. Each Owner Settling Defendant shall, at least 60 days prior to any Transfer of any of its real property located at the Site, give written notice: (1) to the transferee regarding the Consent Decree and any Institutional Controls regarding the real property; and (2) to EPA, the State, and other Settling Defendants regarding the proposed Transfer, including the name and address of the transferee and the date on which the transferee was notified of the Consent Decree and any Institutional Controls.

b. An Owner Settling Defendant may Transfer any of its real property located at the Site only if: (1) any Proprietary Controls required by Paragraph 21.c have been recorded with respect to the real property; or (2) Owner Settling Defendant has obtained an agreement from the transferee, enforceable by Settling Defendants and the United States, to (i) allow access and restrict land/water use, pursuant to Paragraphs 22.a(1) and 22.a(2), (ii) record any Proprietary Controls on the real property, pursuant to Paragraph 22.a(3), and (iii) subordinate its rights to any such Proprietary Controls, pursuant to Paragraph 22.a(3), and EPA has approved the agreement in writing. If, after a Transfer of the real property, the transferee fails to comply with the agreement provided for in this Paragraph 9.b, Owner Settling Defendant shall take all reasonable steps to obtain the transferee's compliance with such agreement. The United States may seek the transferee's compliance with the agreement and/or assist Owner Settling Defendant in obtaining compliance with the agreement. Settling Defendants shall reimburse the United States under Section XV (Payments for Response Costs), for all costs incurred, direct or indirect, by the United States regarding obtaining compliance with such agreement, including, but not limited to, the cost of attorney time.

c. In the event of any Transfer of real property located at the Site, unless the United States otherwise consents in writing, such Settling Defendant shall continue to comply with its obligations under the Consent Decree, including, but not limited to, its obligation to provide and/or secure access, to implement, maintain, monitor, and report on Institutional Controls, and to abide by such Institutional Controls.

VI. PERFORMANCE OF THE WORK BY SETTLING DEFENDANTS

10. Selection of Supervising Contractor.

a. All aspects of the Work to be performed by Settling Defendants pursuant to Sections VI (Performance of the Work by Settling Defendants), VII (Quality Assurance, Sampling, and Data Analysis), VIII (Access and Institutional Controls), and XIV (Emergency Response) shall be under the direction and supervision of the Supervising Contractor, the selection of which shall be subject to disapproval by EPA after a reasonable opportunity for review and comment by the State. Notwithstanding the foregoing and in the event that the Alton & Southern Railway Company chooses to implement the ROD selected alternative remedy with respect to the Railway Tract, all aspects of the Work to be performed by Settling Defendants relating to the Railway Tract pursuant to Sections VI (Performance of the Work by Settling Defendants), VII (Quality Assurance, Sampling, and Data Analysis), VIII (Access and Institutional Controls), and XIV (Emergency Response) may be under the direction and supervision of the Secondary Supervising Contractor, the selection of which shall be subject to disapproval by EPA after a reasonable opportunity for review and comment by the State. The Secondary Supervising Contractor shall be responsible for coordinating all work and the submission of plans, reports, notices and all other deliverables through the principal Supervising Contractor. Within 30 days after the lodging of this Consent Decree, Settling Defendants shall notify EPA and the State in writing of the name, title, and qualifications of any contractor proposed to be the Supervising Contractor. If the Alton & Southern Railway Company chooses to implement the ROD selected alternative remedy with respect to the Railway Tract, it shall notify EPA and the State of the name, title, and qualifications of any contractor proposed to be the Secondary Supervising Contractor for the Railway Tract. With respect to any contractor proposed to be a Supervising or Secondary Supervising Contractor, Settling Defendants shall demonstrate that the proposed contractor has a quality assurance system that complies with ANSI/ASQC E4-1994, "Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs" (American National Standard, January 5, 1995), by submitting a copy of the proposed contractor's Quality Management Plan ("QMP"). The QMP should be prepared in accordance 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. EPA will issue a notice of disapproval or an authorization to proceed regarding hiring of the proposed contractor. If at any time thereafter, Settling Defendants propose to change a Supervising or Secondary Supervising Contractor, Settling Defendants shall give such notice to EPA and the State and must obtain an authorization to proceed from EPA, after a reasonable opportunity for review and comment by the State, before the new Supervising or Secondary Supervising Contractor performs, directs, or supervises any Work under this Consent Decree.

b. If EPA disapproves a proposed Supervising Contractor, EPA will notify Settling Defendants in writing. Settling Defendants shall submit to EPA a list of contractors, including the qualifications of each contractor, that would be acceptable to them within 30 days after receipt of EPA's disapproval of the contractor previously proposed. EPA will provide written notice of the names of any contractor(s) that it disapproves, and an authorization to

proceed with respect to any of the other contractors. Settling Defendants may select any contractor from that list that is not disapproved and shall notify EPA of the name of the contractor selected within 21 days after EPA's authorization to proceed.

c. If EPA fails to provide written notice of its authorization to proceed or disapproval as provided in this Paragraph and this failure prevents Settling Defendants from meeting one or more deadlines in a plan approved by EPA pursuant to this Consent Decree, Settling Defendants may seek relief under Section XVII (Force Majeure).

11. Remedial Design.

a. Settling Defendants have submitted to EPA and the State a work plan for the design of the Remedial Action for OU 1 at the Site (Remedial Design Work Plan). The Remedial Design Work Plan is incorporated into and enforceable under this Decree, and provides for design of the remedy set forth in the ROD, in accordance with the SOW and for achievement of the Performance Standards and other requirements set forth in the ROD, this Consent Decree, and the SOW.

b. The Remedial Design Work Plan includes plans and schedules for implementation of all Remedial Design and pre-design tasks identified in the SOW, including, but not limited to, plans and schedules for the completion of: (1) the OU 1 Field Test Strip Investigation Work Plan, which EPA approved on September 21, 2011; (2) design sampling and analysis plan (including, but not limited to, a Remedial Design Quality Assurance Project Plan (QAPP) in accordance with Section VII (Quality Assurance, Sampling, and Data Analysis)); (3) a Construction Quality Assurance Plan (CQAP); (4) a 30 percent preliminary design submission for OU 1 without the alternative Railway Tract remedy, which EPA approved on April 11, 2012; (5) a 30 percent preliminary design submission for OU 1 with the alternative Railway Tract remedy; and (6) a 95 percent pre-final design and a 100 percent final design submission. In addition, the Remedial Design shall include a schedule for completion of the Remedial Action Work Plan.

c. Upon approval of the Remedial Design Work Plan by EPA, after a reasonable opportunity for review and comment by the State, Settling Defendants shall implement the Remedial Design Work Plan. Settling Defendants shall submit to EPA and the State all plans, reports, and other deliverables required under the approved Remedial Design Work Plan in accordance with the approved schedule for review and approval pursuant to Section X (EPA Approval of Plans, Reports, and Other Deliverables) and the SOW.

d. The 30 percent preliminary design, without the alternative Railway Tract remedy, was submitted by Settling Defendants as a Pre-Design Investigation Report, and approved by EPA on April 11, 2012. The 30 percent preliminary design for OU 1 including the alternative Railway Tract remedy, was submitted by Settling Defendants on November 15, 2012. Settling Defendants shall select either the ROD selected remedy or the alternative Railway Tract remedy, shall submit within 10 days after lodging of the Consent Decree the 95 percent pre-final design of the remedy to be implemented, and shall submit the 100 percent final design in accordance with the schedule in the SOW. The submissions shall include, at a minimum, the

following: (1) design criteria; (2) results of additional field sampling and pre-design work; (3) project delivery strategy; (4) preliminary plans, drawings, and sketches; (5) required specifications in outline form; and (6) preliminary construction schedule. Settling Defendants submitted portions of the 95 percent pre-final design on August 17, 2012.

e. The 95 percent pre-final design and the 100 percent final design submissions shall include, at a minimum, the following: (1) draft and final plans and specifications; (2) draft and final performance standard verification plan, (3) draft and final CQAP, (4) draft and final health and safety plan for Remedial Action, (5) draft and final sampling plan, (6) draft and final contingency plan, (7) draft and final Operation and Maintenance Plan, (8) draft and final capital and operation and maintenance cost estimate, (9) draft and final QAPP and (10) draft and final project schedule for the construction of the Remedial Action. The CQAP, which shall detail the approach to quality assurance during construction activities at the Site, shall specify a quality assurance official, independent of the Supervising and Secondary Supervising Contractor(s), to conduct a quality assurance program during the construction phase of the project.

12. Remedial Action.

a. In accordance with the schedule provided in the SOW, Settling Defendants shall submit to EPA and the State a work plan for the performance of the OU 1 Remedial Action at the Site (Remedial Action Work Plan). The Remedial Action Work Plan shall provide for construction and implementation of the remedy for OU 1 set forth in the ROD and achievement of the Performance Standards, in accordance with this Consent Decree, the ROD, the SOW, and the design plans and specifications developed in accordance with the Remedial Design approved by EPA. Upon its approval by EPA, the Remedial Action Work Plan shall be incorporated into and enforceable under this Consent Decree. At the same time as they submit the Remedial Action Work Plan, Settling Defendants shall also submit to EPA and the State a Health and Safety Plan for field activities required by the Remedial Action Work Plan that conforms to the applicable Occupational Safety and Health Administration and EPA requirements including, but not limited to, 29 C.F.R. § 1910.120.

b. The Remedial Action Work Plan shall include the following: (1) schedule for completing the Remedial Action; (2) method for selecting the contractor; (3) schedule for developing and submitting other required Remedial Action plans; (4) methods for satisfying permitting requirements; (5) methodology for implementing the Operation and Maintenance Plan, where the methodology may specify that after the Certification of Remedial Action pursuant to Paragraph 45, the City of East Saint Louis, Illinois, and Alcoa Inc., shall be responsible for Operation and Maintenance relating to the Site except for the OU 1 Railway Tract, and the Alton & Southern Railway Company shall be responsible for Operation and Maintenance relating only to the OU 1 Railway Tract; (6) methodology for implementing the Contingency Plan; (7) tentative formulation of the Remedial Action team; (8) CQAP (by construction contractor); (9) the Institutional Control Implementation and Assurance Plan (ICIAP), and (10) procedures and plans for the decontaminating equipment and disposing of contaminated materials. The Remedial Action Work Plan also shall include the methodology for implementing the CQAP and a schedule for implementing all Remedial Action tasks identified in

the final design submission and shall identify the initial formulation of Settling Defendants' Remedial Action project team (including, but not limited to, the Supervising Contractor(s)).

c. Upon approval of the Remedial Action Work Plan by EPA, after a reasonable opportunity for review and comment by the State, Settling Defendants shall implement the activities required under the Remedial Action Work Plan. Settling Defendants shall submit to EPA and the State all reports and other deliverables required under the approved Remedial Action Work Plan in accordance with the approved schedule for review and approval pursuant to Section X (EPA Approval of Plans, Reports, and Other Deliverables). Unless otherwise directed or approved by EPA, Settling Defendants shall not commence physical Remedial Action activities at the Site prior to approval of the Remedial Action Work Plan.

13. Settling Defendants shall continue to implement the Remedial Action until the Performance Standards are achieved. Settling Defendants shall implement O&M for so long thereafter as is required by this Consent Decree. In the event that the alternative Railway Tract remedy is constructed, Settling Defendants shall implement O&M for their respective portions of the Remedial Action for so long thereafter as is required by this Consent Decree.

14. Modification of SOW or Related Work Plans.

a. If EPA determines that it is necessary to modify the Work specified in the SOW and/or in work plans developed pursuant to the SOW to achieve and maintain the Performance Standards or to carry out and maintain the effectiveness of the remedy set forth in the ROD, and such modification is consistent with the scope of the remedy set forth in the ROD, then EPA may issue such modification in writing and shall notify Settling Defendants of such modification. For the purposes of this Paragraph and Paragraphs 45 (Completion of the OU 1 Remedial Action) and 46 (Completion of the Work) only, the "scope of the remedy set forth in the ROD" is: constructing covers over the waste units (not including areas to be used for on-site stormwater retention) that protect from direct contact threats, recontouring OU 1 to enhance stormwater control, and implementing institutional controls to control access and prohibit uses inconsistent with the remedy; and for the alternative Railway Tract remedy, should it be included in the approved Final Design and the Remedial Action Work Plan, is constructing and maintaining a gabion wall separating the Railway Tract from the remainder of the Site, recontouring, reconsolidating and/or disposing of soils and waste, and installing cover material over waste on the Railway Tract. If Settling Defendants object to the modification they may, within 30 days after EPA's notification, seek dispute resolution under Paragraph 64 (Record Review).

b. The SOW and/or related work plans shall be modified: (1) in accordance with the modification issued by EPA; or (2) if Settling Defendants invoke dispute resolution, in accordance with the final resolution of the dispute. The modification shall be incorporated into and enforceable under this Consent Decree, and Settling Defendants shall implement all Work required by such modification. Settling Defendants shall incorporate the modification into the Remedial Design or Remedial Action Work Plan under Paragraph 11 (Remedial Design) or Paragraph 12 (Remedial Action), as appropriate.

c. Nothing in this Paragraph shall be construed to limit EPA's authority to require performance of further response actions as otherwise provided in this Consent Decree.

15. Nothing in this Consent Decree, the SOW, or the Remedial Design or Remedial Action Work Plan constitutes a warranty or representation of any kind by Plaintiff that compliance with the work requirements set forth in the SOW and the work plans will achieve the Performance Standards.

16. Off-Site Shipment of Waste Material.

a. Settling Defendants may ship Waste Material from the Site to an off-Site facility only if they verify, prior to any shipment, that the off-Site facility is operating in compliance with the requirements of Section 121(d)(3) of CERCLA, 42 U.S.C. § 9621(d)(3), and 40 C.F.R. § 300.440, by obtaining a determination from EPA that the proposed receiving facility is operating in compliance with 42 U.S.C. § 9621(d)(3) and 40 C.F.R. § 300.440.

b. Settling Defendants may ship Waste Material from the Site to an out-of-state waste management facility only if, prior to any shipment, they provide written notice to the appropriate state environmental official in the receiving facility's state and to the EPA Project Coordinator. This notice requirement shall not apply to any off-Site shipments when the total quantity of all such shipments will not exceed ten cubic yards. The written notice shall include the following information, if available: (1) the name and location of the receiving facility; (2) the type and quantity of Waste Material to be shipped; (3) the schedule for the shipment; and (4) the method of transportation. Settling Defendants also shall notify the state environmental official referenced above and the EPA Project Coordinator of any major changes in the shipment plan, such as a decision to ship the Waste Material to a different out-of-state facility. Settling Defendants shall provide the written notice after the award of the contract for Remedial Action construction and before the Waste Material is shipped.

VII. QUALITY ASSURANCE, SAMPLING, AND DATA ANALYSIS

17. Quality Assurance.

a. Settling Defendants shall use quality assurance, quality control, and chain of custody procedures for all treatability, design, compliance, and monitoring samples in accordance with "EPA Requirements for Quality Assurance Project Plans (QA/R5)" (EPA/240/B-01/003, March 2001, reissued May 2006), "Guidance for Quality Assurance Project Plans (QA/G-5)" (EPA/240/R-02/009, December 2002), and subsequent amendments to such guidelines upon notification by EPA to Settling Defendants of such amendment. Amended guidelines shall apply only to procedures conducted after such notification.

b. Prior to the commencement of any monitoring project under this Consent Decree, Settling Defendants shall submit to EPA for approval, after a reasonable opportunity for review and comment by the State, a Quality Assurance Project Plan ("QAPP") consistent with the SOW, the NCP, and applicable guidance documents. If relevant to the proceeding, the

Parties agree that validated sampling data generated in accordance with the QAPP(s) and reviewed and approved by EPA shall be admissible as evidence, without objection, in any proceeding under this Consent Decree. Settling Defendants shall ensure that EPA and State personnel and their authorized representatives are allowed access at reasonable times to all laboratories utilized by Settling Defendants in implementing this Consent Decree. In addition, Settling Defendants shall ensure that such laboratories shall analyze all samples submitted by EPA pursuant to the QAPP for quality assurance monitoring. Settling Defendants shall ensure that the laboratories they utilize for the analysis of samples taken pursuant to this Consent Decree perform all analyses according to accepted EPA methods. Accepted EPA methods consist of those methods that are documented in the "USEPA Contract Laboratory Program Statement of Work for Inorganic Analysis, ILM05.4," and the "USEPA Contract Laboratory Program Statement of Work for Organic Analysis, SOM01.2," and any amendments made thereto during the course of the implementation of this Consent Decree; however, upon approval by EPA, after opportunity for review and comment by the State, Settling Defendants may use other analytical methods that are as stringent as or more stringent than the CLP-approved methods. Settling Defendants shall ensure that all laboratories they use for analysis of samples taken pursuant to this Consent Decree participate in an EPA or EPA-equivalent quality assurance/quality control ("QA/QC") program. Settling Defendants shall use only laboratories that have a documented Quality System that complies with ANSI/ASQC E4-1994, "Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs" (American National Standard, January 5, 1995), and "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. EPA may consider laboratories accredited under the National Environmental Laboratory Accreditation Program ("NELAP") as meeting the Quality System requirements. Settling Defendants shall ensure that all field methodologies utilized in collecting samples for subsequent analysis pursuant to this Consent Decree are conducted in accordance with the procedures set forth in the QAPP approved by EPA.

18. Upon request, Settling Defendants shall allow split or duplicate samples to be taken by EPA or its authorized representatives. Settling Defendants shall notify EPA not less than 28 days in advance of any sample collection activity unless shorter notice is agreed to by EPA. In addition, EPA shall have the right to take any additional samples that EPA deems necessary. Upon request, EPA shall allow Settling Defendants to take split or duplicate samples of any samples it takes as part of Plaintiff's oversight of Settling Defendants' implementation of the Work.

19. Settling Defendants shall submit to EPA and the State three copies of the results of all sampling and/or tests or other data obtained or generated by or on behalf of Settling Defendants with respect to the Site and/or the implementation of this Consent Decree unless EPA agrees otherwise.

20. Notwithstanding any provision of this Consent Decree, the United States retains all of its information gathering and inspection authorities and rights, including enforcement actions related thereto, under CERCLA, RCRA, and any other applicable statutes or regulations.

VIII. ACCESS AND INSTITUTIONAL CONTROLS

21. If the Site OU 1, or any other real property where access or land/water use restrictions are needed, is owned or controlled by any of Settling Defendants:

a. Such Settling Defendants shall, commencing on the date of lodging of the Consent Decree, provide the United States, the State, and the other Settling Defendants, and their representatives, contractors, and subcontractors, with access at all reasonable times to the Site, or such other real property, to conduct any activity regarding the Consent Decree including, but not limited to, the following activities:

- (1) Monitoring the Work;
- (2) Verifying any data or information submitted to the United States or the State;
- (3) Conducting investigations regarding contamination at or near the Site;
- (4) Obtaining samples;
- (5) Assessing the need for, planning, or implementing additional response actions at or near the Site;
- (6) Assessing implementation of quality assurance and quality control practices as defined in the approved CQAP;
- (7) Implementing the Work pursuant to the conditions set forth in Paragraph 81 (Work Takeover);
- (8) Inspecting and copying records, operating logs, contracts, or other documents maintained or generated by Settling Defendants or their agents, consistent with Section XXIII (Access to Information);
- (9) Assessing Settling Defendants' compliance with the Consent Decree;
- (10) Determining whether the Site or other real property is being used in a manner that is prohibited or restricted, or that may need to be prohibited or restricted under the Consent Decree; and
- (11) Implementing, monitoring, maintaining, reporting on, and enforcing any Institutional Controls and the requirements of the ICIAP.

b. Commencing on the date of lodging of the Consent Decree, such Settling Defendants shall not use, or allow the use of the Site, or such other real property, in any manner

that EPA determines will pose an unacceptable risk to human health or to the environment due to exposure to Waste Material or interfere with or adversely affect the implementation, integrity, or protectiveness of the Remedial Action or O&M. The restrictions shall include, but not be limited to: preclude any use of OU 1 that is inconsistent with the OU 1 remedy; restrict access to OU 1 and restrict OU 1 to commercial/industrial use only including, as an example, sustainable reuse and energy projects and/or railway operations that do not excavate into or otherwise disturb the two-foot cover without EPA approval; restrict OU 1 use, unless otherwise approved by EPA, to preclude subsurface excavation and subsurface structures not in accordance with the O & M plan; and further restrict access to the stormwater ponds.

c. Such Settling Defendants shall:

(1) Execute, or obtain the execution of, and record in the appropriate land records office Proprietary Controls that: (i) grant a right of access to conduct any activity regarding the Consent Decree including, but not limited to, those activities listed in Paragraph 21.a; and (ii) grant the right to enforce the land/water use restrictions set forth in Paragraph 21.b, including, but not limited to, the specific restrictions listed therein and any land/water use restrictions listed in the ICIAP, as further specified in this Paragraph 21.c. The Proprietary Controls shall be granted to one or more of the following persons, as determined by EPA: (i) the United States, on behalf of EPA, and its representatives; (ii) the State and its representatives; (iii) the other Settling Defendants and their representatives; and/or (iv) other appropriate grantees. The Proprietary Controls, other than those granted to the United States, shall include a designation that EPA (and/or the State as appropriate) is a third-party beneficiary, allowing EPA to maintain the right to enforce the Proprietary Controls without acquiring an interest in real property. If any Proprietary Controls are granted to any Settling Defendants pursuant to this Paragraph 21.c(1), then such Settling Defendants shall monitor, maintain, report on, and enforce such Proprietary Controls.

(2) In accordance with the schedule set forth in the ICIAP, submit to EPA for review and approval regarding such real property: (i) draft Proprietary Controls, in substantially the form attached hereto as Appendix D, that are enforceable under state law; and (ii) a current title insurance commitment or other evidence of title acceptable to EPA, that shows title to the land affected by the Proprietary Controls to be free and clear of all prior liens and encumbrances (except when EPA waives the release or subordination of such prior liens or encumbrances or when, despite best efforts, Settling Defendants are unable to obtain release or subordination of such prior liens or encumbrances).

(3) Within 15 days after EPA's approval and acceptance of the Proprietary Controls and the title evidence, update the title search and, if it is determined that nothing has occurred since the effective date of the commitment, or other title evidence, to affect the title adversely, record the Proprietary Controls with the appropriate land records office. Within 30 days after recording the Proprietary Controls, such Settling Defendants shall provide EPA with a final title

insurance policy, or other final evidence of title acceptable to EPA, and a certified copy of the original recorded Proprietary Controls showing the clerk's recording stamps. If the Proprietary Controls are to be conveyed to the United States, the Proprietary Controls and title evidence (including final title evidence) shall be prepared in accordance with the U.S. Department of Justice Title Standards 2001, and approval of the sufficiency of title shall be obtained as required by 40 U.S.C. § 3111.

22. If the Site, or any other real property where access and/or land/water use restrictions are needed, is owned or controlled by persons other than any Settling Defendant:

a. Settling Defendants shall use best efforts to secure from such persons:

(1) An agreement to provide access thereto for the United States and Settling Defendants, and their representatives, contractors, and subcontractors, to conduct any activity regarding the Consent Decree including, but not limited to, the activities listed in Paragraph 21.a;

(2) An agreement, enforceable by Settling Defendants and the United States, to refrain from using the Site, or such other real property, in any manner that EPA determines will pose an unacceptable risk to human health or to the environment due to exposure to Waste Material or interfere with or adversely affect the implementation, integrity, or protectiveness of the Remedial Action. The agreement shall include, but not be limited to, the land/water use restrictions listed in Paragraph 21.b; and

(3) The execution and recordation in the appropriate land records office of Proprietary Controls, that (i) grant a right of access to conduct any activity regarding the Consent Decree including, but not limited to, those activities listed in Paragraph 21.a; and (ii) grant the right to enforce the land/water use restrictions set forth in Paragraph 21.b, including, but not limited to, the specific restrictions listed therein and any land/water use restrictions listed in the ICIAP. The Proprietary Controls shall be granted to one or more of the following persons, as determined by EPA: (i) the United States, on behalf of EPA, and its representatives; (ii) the State and its representatives; (iii) Settling Defendants and their representatives; and/or (iv) other appropriate grantees. The Proprietary Controls, other than those granted to the United States, shall include a designation that EPA (and/or the State as appropriate) is a third party beneficiary, allowing EPA to maintain the right to enforce the Proprietary Controls without acquiring an interest in real property. If any Proprietary Controls are granted to any Settling Defendants pursuant to this Paragraph 22.a(3), then such Settling Defendants shall monitor, maintain, report on, and enforce such Proprietary Controls.

b. In accordance with the schedule set forth in the ICIAP, Settling Defendants shall submit to EPA for review and approval regarding such property; (i) draft Proprietary Controls, in substantially the form attached hereto as Appendix D, that are

enforceable under state law; and (ii) a current title insurance commitment, or other evidence of title acceptable to EPA, that shows title to the land affected by the Proprietary Controls to be free and clear of all prior liens and encumbrances (except when EPA waives the release or subordination of such prior liens or encumbrances or when, despite best efforts, Settling Defendants are unable to obtain release or subordination of such prior liens or encumbrances).

c. Within 15 days of EPA's approval and acceptance of the Proprietary Controls and the title evidence, Settling Defendants shall update the title search and, if it is determined that nothing has occurred since the effective date of the commitment, or other title evidence, to affect the title adversely, record the Proprietary Controls with the appropriate land records office. Within 30 days after the recording of the Proprietary Controls, Settling Defendants shall provide EPA with a final title insurance policy, or other final evidence of title acceptable to EPA, and a certified copy of the original recorded Proprietary Controls showing the clerk's recording stamps. If the Proprietary Controls are to be conveyed to the United States, the Proprietary Controls and title evidence (including final title evidence) shall be prepared in accordance with the U.S. Department of Justice Title Standards 2001, and approval of the sufficiency of title shall be obtained as required by 40 U.S.C. § 3111.

23. For purposes of Paragraphs 21.c(2), 22.a and 22.b, "best efforts" includes the payment of reasonable sums of money to obtain access, an agreement to restrict land/water use, Proprietary Controls, and/or an agreement to release or subordinate a prior lien or encumbrance. If, within 120 days after EPA's approval of the ICIAP, Settling Defendants have not: (a) obtained agreements to provide access, restrict land/water use, or record Proprietary Controls, as required by Paragraph 22.a(1), 22.a(2), or 22.a(3); or (b) obtained, pursuant to Paragraph 21.c(2) or 22.b, agreements from the holders of prior liens or encumbrances to release or subordinate such liens or encumbrances to the Proprietary Controls, Settling Defendants shall promptly notify the United States in writing, and shall include in that notification a summary of the steps that Settling Defendants have taken to attempt to comply with Paragraph 21 or 22. The United States may, as it deems appropriate, assist Settling Defendants in obtaining access, agreements to restrict land/water use, Proprietary Controls, or the release or subordination of a prior lien or encumbrance. Settling Defendants shall reimburse the United States under Section XV (Payments for Response Costs) for all costs incurred, direct or indirect, by the United States in obtaining such access, agreements to restrict land/water use, Proprietary Controls, and/or the release/subordination of prior liens or encumbrances including, but not limited to, the cost of attorney time and the amount of monetary consideration paid or just compensation.

24. If EPA determines that Institutional Controls in the form of state or local laws, regulations, ordinances, zoning restrictions, or other governmental controls are needed at or in connection with the Site, Settling Defendants shall cooperate with EPA's and the State's efforts to secure and ensure compliance with such governmental controls.

25. Notwithstanding any provision of the Consent Decree, the United States and the State retain all of their access authorities and rights, as well as all of their rights to require Institutional Controls, including enforcement authorities related thereto, under CERCLA, RCRA, and any other applicable statute or regulations.

IX. REPORTING REQUIREMENTS

26. In addition to any other requirement of this Consent Decree, Settling Defendants shall submit to EPA and the State three copies of written progress reports that: (a) describe the actions that have been taken toward achieving compliance with this Consent Decree during the previous month; (b) include a summary of all results of sampling and tests and all other data received or generated by Settling Defendants or their contractors or agents in the previous month; (c) identify all plans, reports, and other deliverables required by this Consent Decree completed and submitted during the previous month; (d) describe all actions, including, but not limited to, data collection and implementation of work plans, that are scheduled for the next six weeks and provide other information relating to the progress of construction, including, but not limited to, critical path diagrams, Gantt charts and Pert charts; (e) include information regarding percentage of completion, unresolved delays encountered or anticipated that may affect the future schedule for implementation of the Work, and a description of efforts made to mitigate those delays or anticipated delays; (f) include any modifications to the work plans or other schedules that Settling Defendants have proposed to EPA or that have been approved by EPA; and (g) describe all activities undertaken in support of the Community Involvement Plan during the previous month and those to be undertaken in the next six weeks. In the event that the alternative Railway Tract remedy is constructed, then on and after the date that EPA issues the certification pursuant to Paragraph 45.b, below, the City of East Saint Louis, Illinois and Alcoa Inc., shall be jointly and severally responsible for performing the monthly reporting requirements during O&M for the Site except for the Railway Tract, and the Alton & Southern Railway shall be individually responsible for performing the monthly reporting requirements during O&M for the Railway Tract. Settling Defendants shall submit these progress reports monthly to EPA and the State by the tenth day of every month following the lodging of this Consent Decree until EPA notifies Settling Defendants pursuant to Paragraph 45.b. of Section XIII of the approval of the Certification of Completion of the OU 1 Remedial Action as a whole; and shall submit these progress reports thereafter as EPA may specify until EPA notifies Settling Defendants pursuant to Paragraph 46.b of Section XIII (Certification of Completion of the Work). If requested by EPA, Settling Defendants shall also provide briefings for EPA to discuss the progress of the Work.

27. Settling Defendants shall notify EPA of any change in the schedule described in the monthly progress report for the performance of any activity, including, but not limited to, data collection and implementation of work plans, no later than seven days prior to the performance of the activity.

28. Upon the occurrence of any event during performance of the Work that Settling Defendants are required to report pursuant to Section 103 of CERCLA, 42 U.S.C. § 9603, or Section 304 of the Emergency Planning and Community Right-to-know Act ("EPCRA"), 42 U.S.C. § 11004, Settling Defendants shall within 24 hours of the onset of such event orally notify the EPA Project Coordinator or the Alternate EPA Project Coordinator (in the event of the unavailability of the EPA Project Coordinator), or, in the event that neither the EPA Project Coordinator nor Alternate EPA Project Coordinator is available, the Emergency Response Section, Region 5, United States Environmental Protection Agency. These reporting

requirements are in addition to the reporting required by CERCLA Section 103 or EPCRA Section 304.

29. Within 20 days after the onset of such an event, Settling Defendants shall furnish to EPA and the State a written report, signed by Settling Defendants' Project Coordinator, setting forth the events that occurred and the measures taken, and to be taken, in response thereto. Within 30 days after the conclusion of such an event, Settling Defendants shall submit a report setting forth all actions taken in response thereto.

30. Settling Defendants shall submit three copies of all plans, reports, data, and other deliverables required by the SOW, the Remedial Design Work Plan, the Remedial Action Work Plan, or any other approved plans to EPA in accordance with the schedules set forth in such plans. Settling Defendants shall simultaneously submit three copies of all such plans, reports, data, and other deliverables to the State. Upon request by EPA, Settling Defendants shall submit in electronic form all or any portion of any deliverables Settling Defendants are required to submit pursuant to the provisions of this Consent Decree.

31. All deliverables submitted by Settling Defendants to EPA that purport to document Settling Defendants' compliance with the terms of this Consent Decree shall be signed by an authorized representative of Settling Defendants. Deliverables pertaining to the alternative Railway Tract remedy, if constructed, whether submitted directly to EPA or as a coordinated submission through a deliverable submitted by Settling Defendants, shall be signed by an authorized representative of the Alton & Southern Railway Company.

X. EPA APPROVAL OF PLANS, REPORTS, AND OTHER DELIVERABLES

32. Initial Submissions.

a. After review of any plan, report, or other deliverable that is required to be submitted for approval pursuant to this Consent Decree, EPA, after reasonable opportunity for review and comment by the State, shall: (1) approve, in whole or in part, the submission; (2) approve the submission upon specified conditions; (3) disapprove, in whole or in part, the submission; or (4) any combination of the foregoing.

b. EPA also may modify the initial submission to cure deficiencies in the submission if: (1) EPA determines that disapproving the submission and awaiting a resubmission would cause substantial disruption to the Work; or (2) previous submission(s) have been disapproved due to material defects and the deficiencies in the initial submission under consideration indicate a bad faith lack of effort to submit an acceptable plan, report, or deliverable.

33. Resubmissions. Upon receipt of a notice of disapproval under Paragraph 32.a(3) or (4), or if required by a notice of approval upon specified conditions under Paragraph 32.a(2), Settling Defendants shall, within 20 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. After review of the resubmitted plan, report, or other deliverable, EPA may: (a) approve, in whole or in

part, the resubmission; (b) approve the resubmission upon specified conditions; (c) modify the resubmission; (d) disapprove, in whole or in part, the resubmission, requiring Settling Defendants to correct the deficiencies; or (e) any combination of the foregoing.

34. Material Defects. If an initially submitted or resubmitted plan, report, or other deliverable contains a material defect, and the plan, report, or other deliverable is disapproved or modified by EPA under Paragraph 32.b(2) or 33 due to such material defect, then the material defect shall constitute a lack of compliance for purposes of Paragraph 67. The provisions of Section XVIII (Dispute Resolution) and Section XIX (Stipulated Penalties) shall govern the accrual and payment of any stipulated penalties regarding Settling Defendants' submissions under this Section.

35. Implementation. Upon approval, approval upon conditions, or modification by EPA under Paragraph 32 (Initial Submissions) or Paragraph 33 (Resubmissions), of any plan, report, or other deliverable, or any portion thereof: (a) such plan, report, or other deliverable, or portion thereof, shall be incorporated into and enforceable under this Consent Decree; and (b) Settling Defendants shall take any action required by such plan, report, or other deliverable, or portion thereof, subject only to their right to invoke the Dispute Resolution procedures set forth in Section XVIII (Dispute Resolution) with respect to the modifications or conditions made by EPA. The implementation of any non-deficient portion of a plan, report, or other deliverable submitted or resubmitted under Paragraph 32 or 33 shall not relieve Settling Defendants of any liability for stipulated penalties under Section XIX (Stipulated Penalties).

XI. PROJECT COORDINATORS

36. Within 20 days after lodging this Consent Decree, each Settling Defendant and EPA will notify each other, in writing, of the name, address, telephone number, and email address of their respective designated Project Coordinators and Alternate Project Coordinators. If a Project Coordinator or Alternate Project Coordinator initially designated is changed, the identity of the successor will be given to the other Parties at least five working days before the change occurs, unless impracticable, but in no event later than the actual day the change is made. Settling Defendants' Project Coordinator shall be subject to disapproval by EPA and shall have the technical expertise sufficient to adequately oversee all aspects of the Work. Settling Defendants' Project Coordinator shall not be an attorney for any Settling Defendant in this matter. He or she may assign other representatives, including other contractors, to serve as a Site representative for oversight of performance of daily operations during remedial activities.

37. Plaintiff may designate other representatives, including, but not limited to, EPA employees, and federal contractors and consultants, to observe and monitor the progress of any activity undertaken pursuant to this Consent Decree. EPA's Project Coordinator and Alternate Project Coordinator shall have the authority lawfully vested in a Remedial Project Manager ("RPM") and an On-Scene Coordinator ("OSC") by the NCP, 40 C.F.R. Part 300. EPA's Project Coordinator or Alternate Project Coordinator shall have authority, consistent with the NCP, to halt any Work required by this Consent Decree and to take any necessary response action when he or she determines that conditions at the Site constitute an emergency situation or may present

an immediate threat to public health or welfare or the environment due to release or threatened release of Waste Material.

38. EPA's Project Coordinator and Settling Defendants' Project Coordinator will meet or agree to communicate, at a minimum, on a monthly basis.

XII. PERFORMANCE GUARANTEE

39. In order to ensure the full and final completion of the Work including operation and maintenance of the remedy, Settling Defendants shall establish and maintain a performance guarantee, or individual guarantees for discrete portions of the Work that in aggregate are equivalent to a single performance guarantee, initially in the amount of \$21,014,493, for the benefit of EPA (hereinafter "Estimated Cost of the Work"). The performance guarantee, which must be satisfactory in form and substance to EPA, shall be in the form of one or more of the following mechanisms, provided that at least fifty percent of the required amount, or the reduced amount EPA has accepted pursuant to Paragraph 44, below, shall be limited to surety bonds guaranteeing payment, letters of credit, trust funds, and insurance policies.

a. A surety bond unconditionally guaranteeing payment and/or performance of the Work that is issued by a surety company among those listed as acceptable sureties on federal bonds as set forth in Circular 570 of the U.S. Department of the Treasury;

b. One or more irrevocable letters of credit, payable to or at the direction of EPA, that is issued by one or more financial institution(s) (1) that has the authority to issue letters of credit and (2) whose letter-of-credit operations are regulated and examined by a federal or state agency;

c. A trust fund established for the benefit of EPA that is administered by a trustee (1) that has the authority to act as a trustee and (2) whose trust operations are regulated and examined by a federal or state agency;

d. A policy of insurance that (1) provides EPA with acceptable rights as a beneficiary thereof; and (2) is issued by an insurance carrier (i) that has the authority to issue insurance policies in the applicable jurisdiction(s) and (ii) whose insurance operations are regulated and examined by a federal or state agency;

e. A demonstration by one or more Settling Defendants that each such Settling Defendant meets the financial test criteria of 40 C.F.R. § 264.143(f) with respect to the Estimated Cost of the Work (plus the amount(s) of any other federal or any state environmental obligations financially assured through the use of a financial test or guarantee), provided that all other requirements of 40 C.F.R. § 264.143(f) are met to EPA's satisfaction; or

f. A written guarantee to fund or perform the Work executed in favor of EPA by one or more of the following: (1) a direct or indirect parent company of a Settling Defendant, or (2) a company that has a "substantial business relationship" (as defined in 40 C.F.R. § 264.141(h)) with at least one Settling Defendant; provided, however, that any company

providing such a guarantee must demonstrate to the satisfaction of EPA that it satisfies the financial test and reporting requirements for owners and operators set forth in subparagraphs (1) through (8) of 40 C.F.R. § 264.143(f) with respect to the Estimated Cost of the Work (plus the amount(s) of any other federal or any state environmental obligations financially assured through the use of a financial test or guarantee) that it proposes to guarantee hereunder.

40. Settling Defendants have selected, and EPA has found satisfactory, as an initial performance guarantee: (a) for not less than 50 percent of the total performance guarantee, a performance bond pursuant to Paragraph 39.a, and (b) for the remainder of the performance guarantee not satisfied by Paragraph 40.(a), above, a demonstrated financial test pursuant to Paragraph 39.e, in the form attached hereto as Appendix E. Within 10 days after the Effective Date, Settling Defendants shall execute or otherwise finalize all instruments or other documents required in order to make the selected performance guarantee(s) legally binding in a form substantially identical to the documents attached hereto as Appendix E, and such performance guarantee(s) shall thereupon be fully effective. Within 30 days after the Effective Date, Settling Defendants shall submit copies of all executed and/or otherwise finalized instruments or other documents required in order to make the selected performance guarantee(s) legally binding to the EPA Regional Financial Management Officer in accordance with Section XXV (Notices and Submissions), with a copy to Michael Bednarz, Lead Accountant, Comptroller Branch, Region 5, 77 West Jackson Boulevard, Chicago, IL 60604 and to the United States and EPA as specified in Section XXV.

41. If, at any time after the Effective Date and before issuance of the Certification of Completion of the Work pursuant to Paragraph 46, Settling Defendants provide a performance guarantee for completion of the Work by means of a demonstration or guarantee pursuant to Paragraph 39.e or 39.f., the relevant Settling Defendants shall also comply with the other relevant requirements of 40 C.F.R. § 264.143(f) relating to these mechanisms unless otherwise provided in this Consent Decree, including but not limited to: (a) the initial submission of required financial reports and statements from the relevant entity's chief financial officer ("CFO") and independent certified public accountant ("CPA"), in the form prescribed by EPA in its financial test sample CFO letters and CPA reports available at: <http://www.epa.gov/compliance/resources/policies/cleanup/superfund/fa-test-samples.pdf>; (b) the annual resubmission of such reports and statements within 90 days after the close of each such entity's fiscal year; and (c) the prompt notification of EPA after each such entity determines that it no longer satisfies the financial test requirements set forth at 40 C.F.R. § 264.143(f)(1) and in any event within 90 days after the close of any fiscal year in which such entity no longer satisfies such financial test requirements. For purposes of the performance guarantee mechanisms specified in this Section XII, references in 40 C.F.R. Part 264, Subpart H, to "closure," "post-closure," and "plugging and abandonment" shall be deemed to include the Work; the terms "current closure cost estimate," "current post-closure cost estimate," and "current plugging and abandonment cost estimate" shall be deemed to include the Estimated Cost of the Work; the terms "owner" and "operator" shall be deemed to refer to each Settling Defendant making a demonstration under Paragraph 39.e; and the terms "facility" and "hazardous waste facility" shall be deemed to include the Site.

42. In the event that EPA determines at any time that a performance guarantee provided by any Settling Defendant pursuant to this Section is inadequate or otherwise no longer satisfies the requirements set forth in this Section, whether due to an increase in the estimated cost of completing the Work or for any other reason, or in the event that any Settling Defendant becomes aware of information indicating that a performance guarantee provided pursuant to this Section is inadequate or otherwise no longer satisfies the requirements set forth in this Section, whether due to an increase in the estimated cost of completing the Work or for any other reason, Settling Defendants, within 30 days after receipt of notice of EPA's determination or, as the case may be, within 30 days after any Settling Defendant becoming aware of such information, shall obtain and present to EPA for approval a proposal for a revised or alternative form of performance guarantee listed in Paragraph 39 that satisfies all requirements set forth in this Section XII; provided, however, that if any Settling Defendant cannot obtain such revised or alternative form of performance guarantee within such 30-day period, and provided further that the Settling Defendant shall have commenced to obtain such revised or alternative form of performance guarantee within such 30-day period, and thereafter diligently proceeds to obtain the same, EPA shall extend such period for such time as is reasonably necessary for the Settling Defendant in the exercise of due diligence to obtain such revised or alternative form of performance guarantee, such additional period not to exceed 30 days. In seeking approval, for a revised or alternative form of performance guarantee, Settling Defendants shall follow the procedures set forth in Paragraph 44.b(2). Settling Defendants' inability to post a performance guarantee for completion of the Work shall in no way excuse performance of any other requirements of this Consent Decree, including, without limitation, the obligation of Settling Defendants to complete the Work in strict accordance with the terms of this Consent Decree.

43. Funding for Work Takeover. The commencement of any Work Takeover pursuant to Paragraph 81 shall trigger EPA's right to receive the benefit of any performance guarantee(s) provided pursuant to Paragraphs 39.a, 39.b, 39.c, 39.d, or 39.f, and at such time EPA shall have immediate access to resources guaranteed under any such performance guarantee(s), whether in cash or in kind, as needed to continue and complete the Work assumed by EPA under the Work Takeover. Upon the commencement of any Work Takeover, if (a) for any reason EPA is unable to promptly secure the resources guaranteed under any such performance guarantee(s), whether in cash or in kind, necessary to continue and complete the Work assumed by EPA under the Work Takeover, or (b) in the event that the performance guarantee involves a demonstration of satisfaction of the financial test criteria pursuant to Paragraph 39.e or Paragraph 39.f(2), Settling Defendants (or in the case of Paragraph 39.f(2), the guarantor) shall immediately upon written demand from EPA deposit into a special account within the EPA Hazardous Substance Superfund or such other account as EPA may specify, in immediately available funds and without setoff, counterclaim, or condition of any kind, a cash amount up to but not exceeding the estimated cost of completing the Work as of such date, as determined by EPA. In addition, if at any time EPA is notified by the issuer of a performance guarantee that such issuer intends to cancel the performance guarantee mechanism it has issued, then, unless Settling Defendants provide a substitute performance guarantee mechanism in accordance with this Section XII no later than 30 days prior to the impending cancellation date, EPA shall be entitled (as of and after the date that is 30 days prior to the impending cancellation) to draw fully on the funds guaranteed under the then-existing performance guarantee. All EPA

Work Takeover costs not reimbursed under this Paragraph shall be reimbursed under Section XV (Payments for Response Costs).

44. Modification of Amount and/or Form of Performance Guarantee.

a. Reduction of Amount of Performance Guarantee. If Settling Defendants believe that the estimated cost of completing the Work has diminished below the amount set forth in Paragraph 39, Settling Defendants may, on any anniversary of the Effective Date, or at any other time agreed to by the Parties petition EPA in writing to request a reduction in the amount of the performance guarantee provided pursuant to this Section so that the amount of the performance guarantee is equal to the estimated cost of completing the Work. Settling Defendants shall submit a written proposal for such reduction to EPA that shall specify, at a minimum, the estimated cost of completing the Work and the basis upon which such cost was calculated. In seeking approval for a reduction in the amount of the performance guarantee, Settling Defendants shall follow the procedures set forth in Paragraph 44.b(2) for requesting a revised or alternative form of performance guarantee, except as specifically provided in this Paragraph 44.a. If EPA decides to accept Settling Defendants' proposal for a reduction in the amount of the performance guarantee, either to the amount set forth in Settling Defendants' written proposal or to some other amount as selected by EPA, EPA will notify the petitioning Settling Defendants of such decision in writing. Upon EPA's acceptance of a reduction in the amount of the performance guarantee, the Estimated Cost of the Work shall be deemed to be the estimated cost of completing the Work set forth in EPA's written decision. After receiving EPA's written decision, Settling Defendants may reduce the amount of the performance guarantee in accordance with and to the extent permitted by such written acceptance and shall submit copies of all executed and/or otherwise finalized instruments or other documents required in order to make the selected performance guarantee(s) legally binding in accordance with Paragraph 44.b(2). In the event of a dispute, Settling Defendants may reduce the amount of the performance guarantee required hereunder only in accordance with a final administrative or judicial decision resolving such dispute pursuant to Section XVIII (Dispute Resolution). No change to the form or terms of any performance guarantee provided under this Section, other than a reduction in amount, is authorized except as provided in Paragraph 42 or 44.b.

b. Change of Form of Performance Guarantee.

(1) If, after the Effective Date, Settling Defendants desire to change the form or terms of any performance guarantee(s) provided pursuant to this Section, Settling Defendants may, on any anniversary of the Effective Date, or at any other time agreed to by the Parties, petition EPA in writing to request a change in the form or terms of the performance guarantee provided hereunder. The submission of such proposed revised or alternative performance guarantee shall be as provided in Paragraph 44.b(2). Any decision made by EPA on a petition submitted under this Paragraph shall be made in EPA's sole and unreviewable discretion, and such decision shall not be subject to challenge by Settling Defendants pursuant to the dispute resolution provisions of this Consent Decree or in any other forum.

(2) Settling Defendants shall submit a written proposal for a revised or alternative performance guarantee to EPA that shall specify, at a minimum, the estimated cost of completing the Work, the basis upon which such cost was calculated, and the proposed revised performance guarantee, including all proposed instruments or other documents required in order to make the proposed performance guarantee legally binding. The proposed revised or alternative performance guarantee must satisfy all requirements set forth or incorporated by reference in this Section. Settling Defendants shall submit such proposed revised or alternative performance guarantee to the EPA Regional Financial Management Officer in accordance with Section XXV (Notices and Submissions), with a copy to Michael Bednarz, Lead Accountant, Comptroller Branch, Region 5, 77 West Jackson Boulevard, Chicago, IL 60604. EPA will notify Settling Defendants in writing of its decision to accept or reject a revised or alternative performance guarantee submitted pursuant to this Paragraph. Within 10 days after receiving a written decision approving the proposed revised or alternative performance guarantee, Settling Defendants shall execute and/or otherwise finalize all instruments or other documents required in order to make the selected performance guarantee(s) legally binding in a form substantially identical to the documents submitted to EPA as part of the proposal, and such performance guarantee(s) shall thereupon be fully effective. Settling Defendants shall submit copies of all executed and/or otherwise finalized instruments or other documents required in order to make the selected performance guarantee(s) legally binding to the EPA Regional Financial Management Officer within 30 days after receiving a written decision approving the proposed revised or alternative performance guarantee in accordance with Section XXV (Notices and Submissions), with a copy to Michael Bednarz, Lead Accountant, Comptroller Branch, Region 5, 77 West Jackson Boulevard, Chicago, IL 60604, and to the United States and EPA as specified in Section XXV.

c. Release of Performance Guarantee. Settling Defendants shall not release, cancel, or discontinue any performance guarantee provided pursuant to this Section except as provided in this Paragraph. If Settling Defendants receive written notice from EPA in accordance with Paragraph 46 that the Work has been fully and finally completed in accordance with the terms of this Consent Decree, or if EPA otherwise so notifies Settling Defendants in writing, Settling Defendants may thereafter release, cancel, or discontinue the performance guarantee(s) provided pursuant to this Section. In the event of a dispute, Settling Defendants may release, cancel, or discontinue the performance guarantee(s) required hereunder only in accordance with a final administrative or judicial decision resolving such dispute pursuant to Section XVIII (Dispute Resolution).

XIII. CERTIFICATION OF COMPLETION

45. Completion of the OU 1 Remedial Action.

a. Within 30 days after Settling Defendants conclude that the OU 1 Remedial Action as a whole, or any individual OU 1 Sub-Unit Remedial Action, has been fully performed

and the Performance Standards have been achieved, Settling Defendants shall schedule and conduct a pre-final inspection for the OU 1 Remedial Action as a whole or for the individual OU 1 Sub-Unit, as appropriate, to be attended by Settling Defendants and EPA. Settling Defendants shall submit a written RA Pre-final Inspection Report to EPA with a copy to the State pursuant to Section X (EPA Approval of Plans, Reports, and Other Deliverables) within 60 days after the inspection. If the RA Pre-final Inspection Report or EPA comments on the report identify any work to be completed, then within 5 days of completing all such work, the Settling Defendants shall notify the EPA and the State for the purpose of scheduling a final inspection within 14 days of the notice. If, after the RA pre-final or final inspection, Settling Defendants still believe that the OU 1 Remedial Action as a whole or the individual OU 1 Sub-Unit Remedial Action has been fully performed and the Performance Standards have been achieved for the OU 1 Remedial Action as a whole or the individual OU 1 Sub-Unit Remedial Action, as appropriate, they shall submit a written Completion of Remedial Action Report requesting certification to EPA for approval, with a copy to the State, pursuant to Section X (EPA Approval of Plans, Reports, and Other Deliverables) within 60 days after the inspection. The OU 1 Remedial Action as a whole will not be considered complete until EPA approves the Settling Defendants' OU 1 Remedial Action Report and request for certification, as set forth in Paragraph 45.b, below. In the report, a registered professional engineer and Settling Defendants' Project Coordinator shall state that the Remedial Action as a whole or the OU 1 Sub-Unit Remedial Action, as appropriate, has been completed in full satisfaction of the requirements of this Consent Decree. The OU 1 Remedial Action as a whole written report shall include as-built drawings each signed and stamped by a professional engineer which shall, among other things, specifically identify the OU 1 Railway Tract. The report shall contain the following statement, signed by a responsible corporate official of a Settling Defendant or Settling Defendants' Project Coordinator:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If, after completion of the pre-final inspection and receipt and review of the written report, EPA, after reasonable opportunity for review and comment by the State, determines that the Remedial Action or any portion thereof has not been completed in accordance with this Consent Decree or that the Performance Standards have not been achieved, EPA will notify Settling Defendants in writing of the activities that must be undertaken by Settling Defendants pursuant to this Consent Decree to complete the Sub-Unit Remedial Action or OU 1 Remedial Action and achieve the Performance Standards, provided, however, that EPA may only require Settling Defendants to perform such activities pursuant to this Paragraph to the extent that such activities are consistent with the "scope of the remedy set forth in the ROD," as that term is defined in Paragraph 14.a.

EPA will set forth in the notice a schedule for performance of such activities consistent with the Consent Decree and the SOW or require Settling Defendants to submit a schedule to EPA for

approval pursuant to Section X (EPA Approval of Plans, Reports, and Other Deliverables). Settling Defendants shall perform all activities described in the notice in accordance with the specifications and schedules established pursuant to this Paragraph, subject to their right to invoke the dispute resolution procedures set forth in Section XVIII (Dispute Resolution).

b. If EPA concludes, based on the initial or any subsequent report requesting Certification of Completion of any individual OU 1 Sub-Unit Remedial Action or the OU 1 Remedial Action as a whole, and after a reasonable opportunity for review and comment by the State, that the individual OU 1 Sub-Unit Remedial Action or OU 1 Remedial Action as a whole has been performed in accordance with this Consent Decree and that the Performance Standards have been achieved, EPA will certify in writing to Settling Defendants approval of the Completion of the Remedial Action Report, for the Sub-Unit or the OU 1 RA as a whole, as appropriate. Site redevelopment may proceed on a particular OU 1 Sub-Unit or the OU 1 as a whole to the extent that EPA has approved the Settling Defendants' report and responsible corporate official's certification for that particular OU 1 Sub-Unit or for the OU 1 Remedial Action as a whole, Settling Defendants have submitted a Site redevelopment plan as set forth in the SOW documenting that the proposed redevelopment will not interfere with the remedy, otherwise adversely impact the remedy, or present an unacceptable risk to human health and the environment, and EPA has not disapproved of the Site redevelopment plan. The OU 1 Remedial Action as a whole certification shall constitute the Certification of Completion of the OU 1 Remedial Action for purposes of this Consent Decree, including, but not limited to, Section XX (Covenants by Plaintiff). Certification of Completion of the OU 1 Remedial Action shall not affect Settling Defendants' remaining obligations under this Consent Decree.

46. Completion of the Work.

a. Within 30 days after Settling Defendants conclude that all phases of the Work have been fully performed, Settling Defendants shall schedule and conduct a pre-final inspection to be attended by Settling Defendants and EPA. Settling Defendants shall submit a written Work Pre-final Inspection Report to EPA with a copy to the State pursuant to Section X (EPA Approval of Plans, Reports, and Other Deliverables) within 30 days after the inspection. If the Work Pre-final Inspection Report or EPA comments on the report identify any work to be completed, then within 5 days of completing all such work, the Settling Defendants shall notify the EPA and the State for the purpose of scheduling a Work final inspection within 14 days of the notice. If, after the Work pre-final or final inspection, Settling Defendants still believe that the Work has been fully performed, Settling Defendants shall submit a written Completion of Work Report by a registered professional engineer or engineers stating that the Work has been completed in full satisfaction of the requirements of this Consent Decree. The report shall contain the statement set forth in Paragraph 45.a, signed by a responsible corporate official of a Settling Defendant or Settling Defendants' Project Coordinator. If, after review of the written report, EPA, after reasonable opportunity for review and comment by the State, determines that any portion of the Work has not been completed in accordance with this Consent Decree, EPA will notify Settling Defendants in writing of the activities that must be undertaken by Settling Defendants pursuant to this Consent Decree to complete the Work, provided, however, that EPA may only require Settling Defendants to perform such activities pursuant to this Paragraph to the extent that such activities are consistent with the "scope of the remedy set forth in the ROD," as

that term is defined in Paragraph 14.a. EPA will set forth in the notice a schedule for performance of such activities consistent with the Consent Decree and the SOW or require Settling Defendants to submit a schedule to EPA for approval pursuant to Section X (EPA Approval of Plans, Reports, and Other Deliverables). Settling Defendants shall perform all activities described in the notice in accordance with the specifications and schedules established therein, subject to their right to invoke the dispute resolution procedures set forth in Section XVIII (Dispute Resolution).

b. If EPA concludes, based on the initial or any subsequent request for Certification of Completion of the Work by Settling Defendants and after a reasonable opportunity for review and comment by the State, that the Work has been performed in accordance with this Consent Decree, EPA will so notify Settling Defendants in writing.

XIV. EMERGENCY RESPONSE

47. If any action or occurrence during the performance of the Work that 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, Settling Defendants shall, subject to Paragraph 48, immediately take all appropriate action to prevent, abate, or minimize such release or threat of release, and shall immediately notify the EPA's Project Coordinator, or, if the Project Coordinator is unavailable, EPA's Alternate Project Coordinator. If neither of these persons is available, Settling Defendants shall notify the EPA Emergency Response Unit, Region 5. Settling Defendants shall take such actions in consultation with EPA's Project Coordinator or other available authorized EPA officer and in accordance with all applicable provisions of the Health and Safety Plans, the Contingency Plans, and any other applicable plans or documents developed pursuant to the SOW. In the event that Settling Defendants fail to take appropriate response action as required by this Section, and EPA takes such action instead, Settling Defendants shall reimburse EPA all costs of the response action under Section XV (Payments for Response Costs).

48. Subject to Section XX (Covenants by Plaintiff), nothing in the preceding Paragraph or in this Consent Decree shall be deemed to limit any authority of the United States (a) to take all appropriate action to protect human health and the environment or to prevent, abate, respond to, or minimize an actual or threatened release of Waste Material on, at, or from the Site, or (b) to direct or order such action, or seek an order from the Court, to protect human health and the environment or to prevent, abate, respond to, or minimize an actual or threatened release of Waste Material on, at, or from the Site.

XV. PAYMENTS FOR RESPONSE COSTS

49. Payment by Settling Defendants for Past Response Costs.

a. On October 15, 2012, EPA received payment of \$139,398.44, on behalf of the Settling Defendants which satisfies the Settling Defendants' obligations for Past Response Costs and for Future Response Costs paid through March 31, 2012.

b. The total amount to paid by Settling Defendants the City of East Saint Louis, Illinois and Alcoa Inc., pursuant to Paragraph 49.a has been deposited by EPA in the North Alcoa Properties East Saint Louis, Illinois Site Special Account (Site ID: B5J4) to be retained and used to conduct or finance response actions at or in connection with the Site, or to be transferred by EPA to the EPA Hazardous Substance Superfund.

50. Payments by Settling Defendants for Future Response Costs. Settling Defendants shall pay to EPA all Future Response Costs not inconsistent with the NCP. After EPA issues the Certification of Completion of the OU 1 Remedial Action pursuant to Paragraph 45.b, above, however, only Settling Defendants the City of East Saint Louis, Illinois and Alcoa Inc. shall be responsible for payment to EPA of all Future Response Costs not inconsistent with the NCP. Notwithstanding the foregoing, if EPA issues the Certification of Completion of the OU 1 Remedial Action pursuant to Paragraph 45.b, above, that includes construction of the alternative Railway Tract remedy, and EPA requires additional work pursuant to Paragraph 14 above, then only Settling Defendant Alton & Southern Railway Company shall pay to EPA all Future Response Costs incurred by EPA not inconsistent with the NCP relating to such additional work performed at or relating to the Railway Tract.

a. On a periodic basis, EPA will send Settling Defendants a bill requiring payment that includes an Itemized Cost Summary and a DOJ case cost summary. Settling Defendants shall make all payments within 30 days after Settling Defendants' receipt of each bill requiring payment, except as otherwise provided in Paragraph 52, in accordance with Paragraph 51 (Payment Instructions for Settling Defendants).

b. The total amount to be paid by Settling Defendants pursuant to Paragraph 50.a shall be deposited by EPA in the North Alcoa Properties East Saint Louis, Illinois Site Special Account (Site ID: B5J4) to be retained and used to conduct or finance response actions at or in connection with the Site, or to be transferred by EPA to the EPA Hazardous Substance Superfund.

51. Payment Instructions for Settling Defendants.

a. Instructions for Future Response Costs Payments and Stipulated Penalties. All payments required, elsewhere in this Consent Decree, to be made in accordance with this Paragraph 51.b shall be made by Fedwire EFT to:

Federal Reserve Bank of New York
ABA = 021030004
Account = 68010727
SWIFT address = FRNYUS33
33 Liberty Street
New York NY 10045
Field Tag 4200 of the Fedwire message should read "D 68010727 Environmental Protection Agency"

When making payments under this Paragraph 51.a, Settling Defendants shall also comply with Paragraph 51.b.

b. Instructions for All Payments. All payments made under Paragraph 51.a (Instructions for Future Response Cost Payments and Stipulated Penalties) shall reference the CDCS Number, Site/Spill ID Number B5J4, and DOJ Case Number 90-11-3-10590. At the time of any payment required to be made in accordance with Paragraph 51.a, Settling Defendants shall send notice that payment has been made to the United States, and to EPA, in accordance with Section XXV (Notices and Submissions), and to the EPA Cincinnati Finance Office by email at acctsreceivable.cinwd@epa.gov, or by mail at 26 Martin Luther King Drive, Cincinnati, Ohio 45268. Such notice shall also reference the CDCS Number, Site/Spill ID Number, and DOJ Case Number.

52. Settling Defendants may contest any Future Response Costs billed under Paragraph 50 (Payments by Settling Defendants for Future Response Costs) if they determine that EPA has made a mathematical error or included a cost item that is not within the definition of Future Response Costs, or if they believe EPA incurred excess costs as a direct result of an EPA action that was inconsistent with a specific provision or provisions of the NCP. Such objection shall be made in writing within 30 days after receipt of the bill and must be sent to the United States pursuant to Section XXV (Notices and Submissions). Any such objection shall specifically identify the contested Future Response Costs and the basis for objection. In the event of an objection, Settling Defendants shall pay all uncontested Future Response Costs to the United States within 30 days after Settling Defendants' receipt of the bill requiring payment. Simultaneously, Settling Defendants shall establish, in a duly chartered bank or trust company, an interest-bearing escrow account that is insured by the Federal Deposit Insurance Corporation ("FDIC"), and remit to that escrow account funds equivalent to the amount of the contested Future Response Costs. Settling Defendants shall send to the United States, as provided in Section XXV (Notices and Submissions), a copy of the transmittal letter and check paying the uncontested Future Response Costs, and a copy of the correspondence that establishes and funds the escrow account, including, but not limited to, information containing the identity of the bank and bank account under which the escrow account is established as well as a bank statement showing the initial balance of the escrow account. Simultaneously with establishment of the escrow account, Settling Defendants shall initiate the Dispute Resolution procedures in Section XVIII (Dispute Resolution). If the United States prevails in the dispute, Settling Defendants shall pay the sums due (with accrued interest) to the United States within five days after the resolution of the dispute. If Settling Defendants prevail concerning any aspect of the contested costs, Settling Defendants shall pay that portion of the costs (plus associated accrued interest) for which they did not prevail to the United States within five days after the resolution of the dispute. Settling Defendants shall be disbursed any balance of the escrow account. All payments to the United States under this Paragraph shall be made in accordance with Paragraph 51.b (Instructions for Future Response Cost Payments and Stipulated Penalties). The dispute resolution procedures set forth in this Paragraph in conjunction with the procedures set forth in Section XVIII (Dispute Resolution) shall be the exclusive mechanisms for resolving disputes regarding Settling Defendants' obligation to reimburse the United States for their Future Response Costs.

53. Interest. In the event that any payment for Future Response Costs required under this Section is not made by the date required, Settling Defendants shall pay Interest on the unpaid balance. The Interest to be paid on Past Response Costs under this Paragraph shall begin to accrue on the Effective Date. The Interest on Future Response Costs shall begin to accrue on the date of the bill. The Interest shall accrue through the date of Settling Defendants' payment. Payments of Interest made under this Paragraph shall be in addition to such other remedies or sanctions available to Plaintiff by virtue of Settling Defendants' failure to make timely payments under this Section including, but not limited to, payment of stipulated penalties pursuant to Paragraph 68.

XVI. INDEMNIFICATION AND INSURANCE

54. Settling Defendants' Indemnification of the United States.

a. The United States does not assume any liability by entering into this Consent Decree or by virtue of any designation of Settling Defendants as EPA's authorized representatives under Section 104(e) of CERCLA, 42 U.S.C. § 9604(e). Settling Defendants shall indemnify, save and hold harmless the United States and its officials, agents, employees, contractors, subcontractors, and representatives for or from any and all claims or causes of action arising from, or on account of, negligent or other wrongful acts or omissions of Settling Defendants, their officers, directors, employees, agents, contractors, subcontractors, and any persons acting on their behalf or under their control, in carrying out activities pursuant to this Consent Decree, including, but not limited to, any claims arising from any designation of Settling Defendants as EPA's authorized representatives under Section 104(e) of CERCLA. Further, Settling Defendants agree to pay the United States all costs it incurs 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 Settling Defendants, their officers, directors, employees, agents, contractors, subcontractors, and any persons acting on their behalf or under their control, in carrying out activities pursuant to this Consent Decree. The United States shall not be held out as a party to any contract entered into by or on behalf of Settling Defendants in carrying out activities pursuant to this Consent Decree. Neither Settling Defendants nor any such contractor shall be considered an agent of the United States.

b. The United States shall give Settling Defendants notice of any claim for which the United States plans to seek indemnification pursuant to this Paragraph 54, and shall consult with Settling Defendants prior to settling such claim.

55. Settling Defendants covenant not to sue and agree not to assert any claims or causes of action 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 any one or more of Settling Defendants and any person for performance of Work on or relating to the Site, including, but not limited to, claims on account of construction delays. In addition, Settling Defendants 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 any one or more of Settling

Defendants and any person for performance of Work on or relating to the Site, including, but not limited to, claims on account of construction delays.

56. No later than 15 days before commencing any on-site Work, Settling Defendants shall secure, and shall maintain until the first anniversary after the Remedial Action for OU 1 has been performed in accordance with this Consent Decree and the Performance Standards have been achieved, commercial general liability insurance with limits of \$3 million dollars, for any one occurrence, and automobile liability insurance with limits of \$3 million dollars, combined single limit, naming the United States as an additional insured with respect to all liability arising out of the activities performed by or on behalf of Settling Defendants pursuant to this Consent Decree. In addition, for the duration of this Consent Decree, Settling Defendants shall satisfy, or shall ensure that their contractors or subcontractors satisfy, all applicable laws and regulations regarding the provision of worker's compensation insurance for all persons performing the Work on behalf of Settling Defendants in furtherance of this Consent Decree. Prior to commencement of the Work under this Consent Decree, Settling Defendants shall provide to EPA certificates of such insurance and a copy of each insurance policy. Settling Defendants shall resubmit such certificates and copies of policies each year on the anniversary of the Effective Date. If Settling Defendants demonstrate by evidence satisfactory to EPA that any contractor or subcontractor maintains insurance equivalent to that described above, or insurance covering the same risks but in a lesser amount, then, with respect to that contractor or subcontractor, Settling Defendants need provide only that portion, if any, of the insurance described above that is not maintained by the contractor or subcontractor.

XVII. FORCE MAJEURE

57. "Force majeure," for purposes of this Consent Decree, is defined as any event arising from causes beyond the control of Settling Defendants, of any entity controlled by Settling Defendants, or of Settling Defendants' contractors that delays or prevents the performance of any obligation under this Consent Decree despite Settling Defendants' best efforts to fulfill the obligation. The requirement that Settling Defendants exercise "best efforts to fulfill the obligation" includes using best efforts to anticipate any potential force majeure and best efforts to address the effects of any potential force majeure (a) as it is occurring and (b) following the potential force majeure such that the delay and any adverse effects of the delay are minimized to the greatest extent possible. "Force majeure" does not include financial inability to complete the Work or a failure to achieve the Performance Standards.

58. If any event occurs or has occurred that may delay the performance of any obligation under this Consent Decree for which Settling Defendants intend or may intend to assert a claim of force majeure, Settling Defendants shall notify EPA's Project Coordinator orally or, in his or her absence, EPA's Alternate Project Coordinator or, in the event both of EPA's designated representatives are unavailable, the Director of the Superfund Division, EPA Region 5, within 24 hours of when Settling Defendants first knew that the event might cause a delay. Within 10 days thereafter, Settling Defendants shall provide in writing to EPA 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; Settling

Defendants' rationale for attributing such delay to a force majeure; and a statement as to whether, in the opinion of Settling Defendants, such event may cause or contribute to an endangerment to public health or welfare, or the environment. Settling Defendants shall include with any notice all available documentation supporting their claim that the delay was attributable to a force majeure. Settling Defendants shall be deemed to know of any circumstance of which Settling Defendants, any entity controlled by Settling Defendants, or Settling Defendants' contractors knew or should have known. Failure to comply with the above requirements regarding an event shall preclude Settling Defendants from asserting any claim of force majeure regarding that event, provided, however, that if EPA, despite the late notice, is able to assess to its satisfaction whether the event is a force majeure under Paragraph 57 and whether Settling Defendants have exercised their best efforts under Paragraph 57, EPA may, in its unreviewable discretion, excuse in writing Settling Defendants' failure to submit timely notices under this Paragraph.

59. If EPA agrees that the delay or anticipated delay is attributable to a force majeure, the time for performance of the obligations under this Consent Decree that are affected by the force majeure 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 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, EPA will notify Settling Defendants in writing of its decision. If EPA agrees that the delay is attributable to a force majeure, EPA will notify Settling Defendants in writing of the length of the extension, if any, for performance of the obligations affected by the force majeure.

60. If Settling Defendants elect to invoke the dispute resolution procedures set forth in Section XVIII (Dispute Resolution), they shall do so no later than 15 days after receipt of EPA's notice. In any such proceeding, Settling Defendants shall have the burden of demonstrating by a preponderance of the evidence that the delay or anticipated delay has been or will be caused by a force majeure, that the duration of the delay or the extension sought was or will be warranted under the circumstances, that best efforts were exercised to avoid and mitigate the effects of the delay, and that Settling Defendants complied with the requirements of Paragraphs 57 and 58. If Settling Defendants carry this burden, the delay at issue shall be deemed not to be a violation by Settling Defendants of the affected obligation of this Consent Decree identified to EPA and the Court.

XVIII. DISPUTE RESOLUTION

61. Unless otherwise expressly provided for in this Consent Decree, the dispute resolution procedures of this Section shall be the exclusive mechanism to resolve disputes regarding this Consent Decree. However, the procedures set forth in this Section shall not apply to actions by the United States to enforce obligations of Settling Defendants that have not been disputed in accordance with this Section.

62. Any dispute regarding this Consent Decree shall in the first instance be the subject of informal negotiations between the parties to the dispute. The period for informal negotiations shall not exceed 20 days from the time the dispute arises, unless it is modified by

written agreement of the parties to the dispute. The dispute shall be considered to have arisen when one party sends the other parties a written Notice of Dispute.

63. Statements of Position.

a. In the event that the parties cannot resolve a dispute by informal negotiations under the preceding Paragraph, then the position advanced by EPA shall be considered binding unless, within 14 days after written notification from EPA of the conclusion of the informal negotiation period, Settling Defendants invoke the formal dispute resolution procedures of this Section by serving on the United States a written Statement of Position on the matter in dispute, including, but not limited to, any factual data, analysis, or opinion supporting that position and any supporting documentation relied upon by Settling Defendants. The Statement of Position shall specify Settling Defendants' position as to whether formal dispute resolution should proceed under Paragraph 64 (Record Review) or Paragraph 65.

b. Within 10 days after receipt of Settling Defendants' Statement of Position, EPA will serve on Settling Defendants its Statement of Position, including, but not limited to, any factual data, analysis, or opinion supporting that position and all supporting documentation relied upon by EPA. EPA's Statement of Position shall include a statement as to whether formal dispute resolution should proceed under Paragraph 64 (Record Review) or Paragraph 65. Within seven days after receipt of EPA's Statement of Position, Settling Defendants may submit a Reply.

c. If there is disagreement between EPA and Settling Defendants as to whether dispute resolution should proceed under Paragraph 64 (Record Review) or Paragraph 65, the parties to the dispute shall follow the procedures set forth in the paragraph determined by EPA to be applicable. However, if Settling Defendants ultimately appeal to the Court to resolve the dispute, the Court shall determine which paragraph is applicable in accordance with the standards of applicability set forth in Paragraphs 64 and 65.

64. Record Review. Formal dispute resolution for disputes pertaining to the selection or adequacy of any response action and all other disputes that are accorded review on the administrative record under applicable principles of administrative law shall be conducted pursuant to the procedures set forth in this Paragraph. For purposes of this Paragraph, the adequacy of any response action includes, without limitation, the adequacy or appropriateness of plans, procedures to implement plans, or any other items requiring approval by EPA under this Consent Decree, and the adequacy of the performance of response actions taken pursuant to this Consent Decree. Nothing in this Consent Decree shall be construed to allow any dispute by Settling Defendants regarding the validity of the ROD's provisions.

a. An administrative record of the dispute shall be maintained by EPA and shall contain all statements of position, including supporting documentation, submitted pursuant to this Section. Where appropriate, EPA may allow submission of supplemental statements of position by the parties to the dispute.

b. The Director of the Superfund Division, EPA Region 5, will issue a final, written administrative decision resolving the dispute based on the administrative record described in Paragraph 64.a. This decision shall be binding upon Settling Defendants, subject only to the right to seek judicial review pursuant to Paragraph 64.c and 64.d.

c. Any administrative decision made by EPA pursuant to Paragraph 64.b shall be reviewable by this Court, provided that a motion for judicial review of the decision is filed by Settling Defendants with the Court and served on all Parties within 20 days after receipt of EPA's decision. The motion shall include a description of the matter in dispute, the efforts made by the parties to resolve it, the relief requested, and the schedule, if any, within which the dispute must be resolved to ensure orderly implementation of this Consent Decree. The United States may file a response to Settling Defendants' motion.

d. In proceedings on any dispute governed by this Paragraph, Settling Defendants shall have the burden of demonstrating that the decision of the Superfund Division Director is arbitrary and capricious or otherwise not in accordance with law. Judicial review of EPA's decision shall be on the administrative record compiled pursuant to Paragraph 64.a.

65. Formal dispute resolution for disputes that neither pertain to the selection or adequacy of any response action nor are otherwise accorded review on the administrative record under applicable principles of administrative law, shall be governed by this Paragraph.

a. Following receipt of Settling Defendants' Statement of Position submitted pursuant to Paragraph 63, the Director of the Superfund Division, EPA Region 5, will issue a final decision resolving the dispute. The Superfund Division Director's decision shall be binding on Settling Defendants unless, within 20 days after receipt of the decision, Settling Defendants file with the Court and serve on the parties a motion for judicial review of the decision setting forth the matter in dispute, the efforts made by the parties to resolve it, the relief requested, and the schedule, if any, within which the dispute must be resolved to ensure orderly implementation of the Consent Decree. The United States may file a response to Settling Defendants' motion.

b. Notwithstanding Paragraph K (CERCLA Section 113(j) Record Review of ROD and Work) of Section I (Background), judicial review of any dispute governed by this Paragraph shall be governed by applicable principles of law.

66. The invocation of formal dispute resolution procedures under this Section shall not extend, postpone, or affect in any way any obligation of Settling Defendants under this Consent Decree, not directly in dispute, unless EPA or the Court agrees otherwise. Stipulated penalties with respect to the disputed matter shall continue to accrue but payment shall be stayed pending resolution of the dispute as provided in Paragraph 74. Notwithstanding the stay of payment, stipulated penalties shall accrue from the first day of noncompliance with any applicable provision of this Consent Decree. In the event that Settling Defendants do not prevail on the disputed issue, stipulated penalties shall be assessed and paid as provided in Section XIX (Stipulated Penalties).

XIX. STIPULATED PENALTIES

67. Settling Defendants shall be liable for stipulated penalties in the amounts set forth in Paragraphs 68 and 69 to the United States for failure to comply with the requirements of this Consent Decree specified below, unless excused under Section XVII (Force Majeure). "Compliance" by Settling Defendants shall include completion of all payments and activities required under this Consent Decree, or any plan, report, or other deliverable approved under this Consent Decree, in accordance with all applicable requirements of law, this Consent Decree, the SOW, and any plans, reports, or other deliverables approved under this Consent Decree and within the specified time schedules established by and approved under this Consent Decree.

68. Stipulated Penalty Amounts - Work (Including Payments and Excluding Plans, Reports, and Other Deliverables).

a. The following stipulated penalties shall accrue per violation per day for any noncompliance identified in Paragraph 68.b:

Penalty Per Violation Per Day	Period of Noncompliance
\$1,000	1st through 14th day
\$2,000	15th through 30th day
\$8,000	31st day and beyond

b. Compliance Milestones.

The compliance milestones are those requirements set forth in and completed within the dates required by Paragraphs 12 (except for completion of the reports required therein), 14.b., and 39-43 of this Consent Decree and as approved by EPA in the Remedial Action Work Plan construction schedule.

69. Stipulated Penalty Amounts - Plans, Reports, and other Deliverables. The following stipulated penalties shall accrue per violation per day for failure to submit timely or adequate reports or other plans or deliverables pursuant to the Consent Decree:

Penalty Per Violation Per Day	Period of Noncompliance
\$500	1st through 14th day
\$2,000	15th through 30th day
\$5,000	31st day and beyond

70. In the event that EPA assumes performance of a portion or all of the Work pursuant to Paragraph 81 (Work Takeover), Settling Defendants shall be liable for a stipulated penalty in the amount of \$15,000. Stipulated penalties under this Paragraph are in addition to the remedies available under Paragraphs 43 (Funding for Work Takeover) and 81 (Work Takeover).

71. All penalties shall begin to accrue on the day the complete performance is due or the day a violation occurs and shall continue to accrue through the final day of the correction of the noncompliance or completion of the activity. However, stipulated penalties shall not accrue:

(a) with respect to a deficient submission under Section X (EPA Approval of Plans, Reports, and Other Deliverables), during the period, if any, beginning on the 31st day after EPA's receipt of such submission until the date that EPA notifies Settling Defendants of any deficiency; (b) with respect to a decision by the Director of the Superfund Division, EPA Region 5, under Paragraph 64.b or Paragraph 65.a of Section XVIII (Dispute Resolution), during the period, if any, beginning on the 21st day after the date that Settling Defendants' reply to EPA's Statement of Position is received until the date that the Director issues a final decision regarding such dispute; or (c) with respect to judicial review by this Court of any dispute under Section XVIII (Dispute Resolution), during the period, if any, beginning on the 31st day after the Court's receipt of the final submission regarding the dispute until the date that the Court issues a final decision regarding such dispute. Nothing in this Consent Decree shall prevent the simultaneous accrual of separate penalties for separate violations of this Consent Decree.

72. Following EPA's determination that Settling Defendants have failed to comply with a requirement of this Consent Decree, EPA may give Settling Defendants written notification of the same and describe the noncompliance. EPA may send Settling Defendants a written demand for the payment of the penalties. However, penalties shall accrue as provided in the preceding Paragraph regardless of whether EPA has notified Settling Defendants of a violation.

73. All penalties accruing under this Section shall be due and payable to the United States within 30 days after Settling Defendants' receipt from EPA of a demand for payment of the penalties, unless Settling Defendants invoke the Dispute Resolution procedures under Section XVIII (Dispute Resolution) within the 30-day period. All payments to the United States under this Section shall indicate that the payment is for stipulated penalties and shall be made in accordance with Paragraph 51.a (Instructions for Future Response Cost Payments and Stipulated Penalties).

74. Penalties shall continue to accrue as provided in Paragraph 71 during any dispute resolution period but need not be paid until the following:

a. If the dispute is resolved by agreement of the Parties or by a decision of EPA that is not appealed to this Court, accrued penalties determined to be owed shall be paid to EPA within 15 days after the agreement or the receipt of EPA's decision or order;

b. If the dispute is appealed to this Court and the United States prevails in whole or in part, Settling Defendants shall pay all accrued penalties determined by the Court to be owed to EPA within 60 days after receipt of the Court's decision or order, except as provided in Paragraph 74.c;

c. If the District Court's decision is appealed by any Party, Settling Defendants shall pay all accrued penalties determined by the District Court to be owed to the United States into an interest-bearing escrow account, established at a duly chartered bank or trust company that is insured by the FDIC, within 60 days after receipt of the Court's decision or order. Penalties shall be paid into this account as they continue to accrue, at least every 60 days. Within 15 days after receipt of the final appellate court decision, the escrow agent shall pay the balance of the account to EPA or to Settling Defendants to the extent that they prevail.

75. If Settling Defendants fail to pay stipulated penalties when due, Settling Defendants shall pay Interest on the unpaid stipulated penalties as follows: (a) if Settling Defendants have timely invoked dispute resolution such that the obligation to pay stipulated penalties has been stayed pending the outcome of dispute resolution, Interest shall accrue from the date stipulated penalties are due pursuant to Paragraph 74 until the date of payment; and (b) if Settling Defendants fail to timely invoke dispute resolution, Interest shall accrue from the date of demand under Paragraph 73 until the date of payment. If Settling Defendants fail to pay stipulated penalties and Interest when due, the United States may institute proceedings to collect the penalties and Interest.

76. The payment of penalties and Interest, if any, shall not alter in any way Settling Defendants' obligation to complete the performance of the Work required under this Consent Decree.

77. Nothing in this Consent Decree shall be construed as prohibiting, altering, or in any way limiting the ability of the United States to seek any other remedies or sanctions available by virtue of Settling Defendants' violation of this Consent Decree or of the statutes and regulations upon which it is based, including, but not limited to, penalties pursuant to Section 122(I) of CERCLA, 42 U.S.C. § 9622(I), provided, however, that the United States shall not seek civil penalties pursuant to Section 122(1) of CERCLA for any violation for which a stipulated penalty is provided in this Consent Decree, except in the case of a willful violation of this Consent Decree.

78. Notwithstanding any other provision of this Section, the United States may, in its unreviewable discretion, reduce, defer or waive any portion of stipulated penalties that have accrued pursuant to this Consent Decree.

XX. COVENANTS BY PLAINTIFF

79. Covenants for Settling Defendants by United States.

In consideration of the actions that will be performed and the payments that will be made by Settling Defendants under this Consent Decree, and except as specifically provided in Paragraph 80 (General Reservations of Rights) of this Section, the United States covenants not to sue or to take administrative action against Settling Defendants pursuant to Sections 106 and 107(a) of CERCLA for the Work, Past Response Costs, and Future Response Costs. These covenants shall take effect upon the Effective Date of this Consent Decree. These covenants are conditioned upon the satisfactory performance by Settling Defendants of their obligations under this Consent Decree. These covenants extend only to Settling Defendants and do not extend to any other person.

80. General Reservations of Rights. The United States reserves, and this Consent Decree is without prejudice to, all rights against Settling Defendants with respect to all matters not expressly included within Plaintiff's covenants. Notwithstanding any other provision of this Consent Decree, the United States reserves all rights against Settling Defendants with respect to:

- a. liability for failure by Settling Defendants to meet a requirement of this Consent Decree;
- b. liability arising from the past, present, or future disposal, release, or threat of release of Waste Material outside of the Site;
- c. liability based on the ownership of the Site by Settling Defendants when such ownership commences after signature of this Consent Decree by Settling Defendants;
- d. liability based on the operation of the Site by Settling Defendants when such operation commences after signature of this Consent Decree by Settling Defendants and does not arise solely from Settling Defendants' performance of the Work;
- e. liability based on Settling Defendants' transportation, treatment, storage, or disposal, or arrangement for transportation, treatment, storage, or disposal of Waste Material at or in connection with the Site, other than as provided in the ROD, the Work, or otherwise ordered by EPA, after signature of this Consent Decree by Settling Defendants;
- f. liability for damages for injury to, destruction of, or loss of natural resources, and for the costs of any natural resource damage assessments;
- g. criminal liability;
- h. liability for violations of federal or state law that occur during or after implementation of the Work;
- i. liability prior to the Certification of Completion of the OU 1 Remedial Action, for additional response actions that EPA determines are necessary to achieve and maintain Performance Standards or to carry out and maintain the effectiveness of the remedy set forth in the ROD, but that cannot be required pursuant to Paragraph 14 (Modification of SOW or Related Work Plans);
- j. liability for additional operable units at the Site or the final response action; and
- k. liability for costs that the United States will incur regarding the Site but that are not within the definition of Future Response Costs.

81. Work Takeover.

a. In the event EPA determines that Settling Defendants have (1) ceased implementation of any portion of the Work, or (2) are seriously or repeatedly deficient or late in their performance of the Work, or (3) are implementing the Work in a manner that may cause an endangerment to human health or the environment, EPA may issue a written notice ("Work Takeover Notice") to Settling Defendants. Any Work Takeover Notice issued by EPA will specify the grounds upon which such notice was issued and will provide Settling Defendants a

period of 10 days within which to remedy the circumstances giving rise to EPA's issuance of such notice.

b. If, after expiration of the 10 day notice period specified in Paragraph 81.a, Settling Defendants have not remedied to EPA's satisfaction the circumstances giving rise to EPA's issuance of the relevant Work Takeover Notice, EPA may at any time thereafter assume the performance of all or any portion(s) of the Work as EPA deems necessary ("Work Takeover"). EPA will notify Settling Defendants in writing (which writing may be electronic) if EPA determines that implementation of a Work Takeover is warranted under this Paragraph 81.b. Funding of Work Takeover costs is addressed under Paragraph 43.

c. Settling Defendants may invoke the procedures set forth in Paragraph 64 (Record Review), to dispute EPA's implementation of a Work Takeover under Paragraph 81.b. However, notwithstanding Settling Defendants' invocation of such dispute resolution procedures, and during the pendency of any such dispute, EPA may in its sole discretion commence and continue a Work Takeover under Paragraph 81.b until the earlier of (1) the date that Settling Defendants remedy, to EPA's satisfaction, the circumstances giving rise to EPA's issuance of the relevant Work Takeover Notice, or (2) the date that a final decision is rendered, in accordance with Paragraph 64 (Record Review) requiring EPA to terminate such Work Takeover.

82. Notwithstanding any other provision of this Consent Decree, the United States retains all authority and reserves all rights to take any and all response actions authorized by law.

XXI. COVENANTS BY SETTLING DEFENDANTS

83. Covenants by Settling Defendants. Subject to the reservations in Paragraph 85, Settling Defendants covenant not to sue and agree not to assert any claims or causes of action against the United States with respect to the Work, past response actions regarding the Site, Past Response Costs, Future Response Costs and this Consent Decree, including, but not limited to:

a. any direct or indirect claim for reimbursement from the EPA Hazardous Substance Superfund through CERCLA Sections 106(b)(2), 107, 111, 112 or 113, or any other provision of law;

b. any claims under CERCLA Sections 107 or 113, RCRA Section 7002(a), 42 U.S.C. § 6972(a), or state law regarding the Work, past response actions regarding the Site, Past Response Costs, Future Response Costs, and this Consent Decree; or

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

84. Except as provided in Paragraph 87 (Claims Against De Micromis Parties), Paragraph 89 (Claims Against *De Minimis* and Ability to Pay Parties) and Paragraph 95 (Res Judicata and Other Defenses), the covenants in this Section shall not apply if the United States

brings a cause of action or issues an order pursuant to any of the reservations in Section XX (Covenants by Plaintiff), other than in Paragraphs 80.a (claims for failure to meet a requirement of the Consent Decree), 80.g (criminal liability), and 80.h (violations of federal/state law during or after implementation of the Work), but only to the extent that Settling Defendants' claims arise from the same response action, response costs, or damages that the United States is seeking pursuant to the applicable reservation.

85. Settling Defendants reserve, and this Consent Decree is without prejudice to, claims against the United States, subject to the provisions of Chapter 171 of Title 28 of the United States Code, and brought pursuant to any statute other than CERCLA or RCRA and for which the waiver of sovereign immunity is found in a statute other than CERCLA or RCRA, 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, as that term is defined in 28 U.S.C. § 2671, while acting within the scope of his or her 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, the foregoing shall not include any claim based on EPA's selection of response actions, or the oversight or approval of Settling Defendants' plans, reports, other deliverables or activities.

86. Nothing in this Consent Decree shall be deemed to constitute 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).

87. Claims Against De Micromis Parties. Settling Defendants 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) and 113 of CERCLA) that they may have for all matters relating to the Site against any person where the person's liability to Settling Defendants 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.

88. The waiver in Paragraph 87 (Claims Against De Micromis Parties) shall not apply with respect to any defense, claim, or cause of action that a Settling Defendant may have against any person meeting the criteria in Paragraph 87 if such person asserts a claim or cause of action relating to the Site against such Settling Defendant. This waiver also shall not apply to any claim or cause of action against any person meeting the criteria in Paragraph 87 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, 42 U.S.C. § 6927, 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.

89. Claims Against *De Minimis* and Ability to Pay Parties. Settling Defendants agree not to assert any claims or causes of action and to waive all claims or causes of action (including but not limited to claims or causes of action under Sections 107(a) and 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 CERCLA Section 122(g) *de minimis* settlement, or a final settlement based on limited ability to pay, with EPA with respect to the Site. This waiver shall not apply with respect to any defense, claim, or cause of action that a Settling Defendant may have against any person if such person asserts a claim or cause of action relating to the Site against such Settling Defendant.

90. Settling Defendants agree not to seek judicial review of the final rule listing the Site on the NPL based on a claim that changed site conditions that resulted from the performance of the Work in any way affected the basis for listing the Site.

XXII. EFFECT OF SETTLEMENT; CONTRIBUTION

91. Except as provided in Paragraph 87 (Claims Against *De Minimis* Parties), and Paragraph 89 (Claims Against *De Minimis* and Ability to Pay Parties), nothing in this Consent Decree shall be construed to create any rights in, or grant any cause of action to, any person not a Party to this Consent Decree. Except as provided in Paragraph 87 (Claims Against *De Minimis* Parties), and Paragraph 89 (Claims Against *De Minimis* and Ability to Pay Parties), each of the Parties expressly reserves 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 that each Party 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 Consent Decree diminishes the right of the United States, pursuant to Section 113(f)(2) and (3) of CERCLA, 42 U.S.C. § 9613(f)(2) and (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).

92. The Parties agree, and by entering this Consent Decree this Court finds, that this Consent Decree constitutes a judicially approved settlement for purposes of Section 113(f)(2) of CERCLA, 42 U.S.C. § 9613(f)(2), and that each Settling Defendant is entitled, as of the Effective Date, to protection from contribution actions or claims as provided by Section 113(f)(2) of CERCLA, or as may be otherwise provided by law, for "matters addressed" in this Consent Decree. The "matters addressed" in this Consent Decree are the Work, Past Response Costs, and Future Response Costs.

93. Each Settling Defendant shall, with respect to any suit or claim brought by it for matters related to this Consent Decree, notify the United States in writing no later than 60 days prior to the initiation of such suit or claim.

94. Each Settling Defendant shall, with respect to any suit or claim brought against it for matters related to this Consent Decree, notify the United States in writing within 10 days after service of the complaint on such Settling Defendant. In addition, each Settling Defendant shall notify the United States within 10 days after service or receipt of any Motion for Summary Judgment and within 10 days after receipt of any order from a court setting a case for trial.

95. Res Judicata and Other Defenses. In any subsequent administrative or judicial proceeding initiated by the United States for injunctive relief, recovery of response costs, or other appropriate relief relating to the Site, Settling Defendants shall not assert, and may not maintain, any defense or claim based upon the principles of waiver, res judicata, collateral estoppel, issue preclusion, claim-splitting, or other defenses based upon any contention that the claims raised by the United States in the subsequent proceeding were or should have been brought in the instant case; provided, however, that nothing in this Paragraph affects the enforceability of the covenants not to sue set forth in Section XX (Covenants by Plaintiff).

XXIII. ACCESS TO INFORMATION

96. Settling Defendants shall provide to EPA, upon request, copies of all records, reports, documents, and other information (including records, reports, documents, and other information in electronic form) (hereinafter referred to as "Records") within their possession or control or that of their contractors or agents relating to activities at the Site or to the implementation of this Consent Decree, 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 regarding the Work. Settling Defendants 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.

97. Business Confidential and Privileged Documents.

a. Settling Defendants may assert business confidentiality claims covering part or all of the Records submitted to Plaintiff under this Consent Decree 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). Records 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 Records when they are submitted to EPA, or if EPA has notified. Settling Defendants that the Records 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 Records without further notice to Settling Defendants.

b. Settling Defendants may assert that certain Records are privileged under the attorney-client privilege or any other privilege recognized by federal law. If Settling

Defendants assert such a privilege in lieu of providing Records, they shall provide Plaintiff with the following: (1) the title of the Record; (2) the date of the Record; (3) the name, title, affiliation (e.g., company or firm), and address of the author of the Record; (4) the name and title of each addressee and recipient; (5) a description of the contents of the Record; and (6) the privilege asserted by Settling Defendants. If a claim of privilege applies only to a portion of a Record, the Record shall be provided to the United States in redacted form to mask the privileged portion only. Settling Defendants shall retain all Records that they claim to be privileged until the United States has had a reasonable opportunity to dispute the privilege claim and any such dispute has been resolved in the Settling Defendants' favor.

c. No Records created or generated pursuant to the requirements of this Consent Decree shall be withheld from the United States on the grounds that they are privileged or confidential.

98. No claim of confidentiality or privilege 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.

XXIV. RETENTION OF RECORDS

99. Until 10 years after Settling Defendants' receipt of EPA's notification pursuant to Paragraph 46.b (Completion of the Work), each Settling Defendant shall preserve and retain all non-identical copies of Records (including Records in electronic form) now in its possession or control or that come into its possession or control that relate in any manner to its liability under CERCLA with respect to the Site, provided, however, that Settling Defendants who are potentially liable as owners or operators of the Site must retain, in addition, all Records that relate to the liability of any other person under CERCLA with respect to the Site. Each Settling Defendant must also retain, and instruct its contractors and agents to preserve, for the same period of time specified above, all non-identical copies of the last draft or final version of any Records (including Records in electronic form) now in its possession or control or that come into its possession or control that relate in any manner to the performance of the Work, provided, however, that each Settling Defendant (and its contractors and agents) must retain, in addition, copies of all data generated during the performance of the Work and not contained in the aforementioned Records required to be retained. Each of the above record retention requirements shall apply regardless of any corporate retention policy to the contrary.

100. At the conclusion of this record retention period, Settling Defendants shall notify the United States and the State at least 90 days prior to the destruction of any such Records, and, upon request by the United States or the State, Settling Defendants shall deliver any such Records to EPA or the State. Settling Defendants may assert that certain Records are privileged under the attorney-client privilege or any other privilege recognized by federal law. If Settling Defendants assert such a privilege, they shall provide Plaintiffs with the following: (a) the title of the Record; (b) the date of the Record; (c) the name, title, affiliation (e.g., company or firm), and address of the author of the Record; (d) the name and title of each addressee and recipient; (e) a description of the subject of the Record; and (f) the privilege asserted by Settling Defendants. If

a claim of privilege applies only to a portion of a Record, the Record shall be provided to the United States in redacted form to mask the privileged portion only. Settling Defendants shall retain all Records that they claim to be privileged until the United States has had a reasonable opportunity to dispute the privilege claim and any such dispute has been resolved in the Settling Defendants' favor. However, no Records created or generated pursuant to the requirements of this Consent Decree shall be withheld on the grounds that they are privileged or confidential.

101. Each Settling Defendant certifies individually 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 (other than identical copies) relating to its potential liability regarding the Site since the earlier of notification of potential liability by the United States or the State or the filing of suit against it regarding the Site and that it has fully complied with any and all EPA requests for information regarding the Site 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.

XXV. NOTICES AND SUBMISSIONS

102. Whenever, under the terms of this Consent Decree, written notice is required to be given or a report or other document is required to be sent by one Party to another, it shall be directed to the individuals at the addresses specified below, unless those individuals or their successors give notice of a change to the other Parties in writing. All notices and submissions shall be considered effective upon receipt, unless otherwise provided. Written notice as specified in this Section shall constitute complete satisfaction of any written notice requirement of the Consent Decree with respect to the United States, EPA, the State, and Settling Defendants, respectively. Notices required to be sent to EPA, and not to the United States, under the terms of this Consent Decree should not be sent to the U.S. Department of Justice.

As to the United States:

Chief, Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044-7611
Re: DI # 90-11-3-10590

As to EPA:

Director, Superfund Division
United States Environmental Protection
Agency, Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604

and:

Dion Novak, EPA Project Coordinator
United States Environmental Protection
Agency, Region 5
77 West Jackson Boulevard, SR-6J
Chicago, Illinois 60604

As to the Regional Financial Management Officer: Michael Bednarz, Lead Accountant
Comptroller Branch
Region 5
77 West Jackson Boulevard, Chicago, IL 60604

As to the State: Christopher A. Hill State
Project Coordinator
Federal Facilities Unit
Federal Site Remediation Section
Division of Remediation Management
Bureau of Land
Illinois EPA
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

As to Settling Defendant Alcoa Inc.: Alcoa Inc.
Remediation Work Group
201 Isabella St.
Pittsburgh, PA 15212

Attn: Kirk Gribben, RWG
Gregory Pfeifer, Legal

As to Settling Defendant City of East Saint Louis, Illinois:
City Manager
301 River Park Drive
East St. Louis, Illinois 62201

and: Michael Wagner (project coordinator)
525 W. Main St., Ste 105
Belleville, IL 62220

As to Settling Defendant Alton & Southern Railway Company:
Kevin Peterburs, Certified Project Manager
ARCADIS U.S., Inc.
126 North Jefferson Street, Suite 400
Milwaukee, WI, 53202
414-277-6230

XXVI. RETENTION OF JURISDICTION

103. This Court retains jurisdiction over both the subject matter of this Consent Decree and Settling Defendants for the duration of the performance of the terms and provisions of this Consent Decree for the purpose of enabling any of the Parties to apply to the Court at any time

for such further order, direction, and relief as may be necessary or appropriate for the construction or modification of this Consent Decree, or to effectuate or enforce compliance with its terms, or to resolve disputes in accordance with Section XVIII (Dispute Resolution).

XXVII. APPENDICES

104. The following appendices are attached to and incorporated into this Consent Decree:

“Appendix A” is the ROD.

“Appendix B” is the SOW.

“Appendix C” is the description and/or map of the Site and of OU 1.

“Appendix D” is the draft form of Proprietary Controls.

“Appendix E” is the performance guarantee.

XXVIII. COMMUNITY INVOLVEMENT

105. a. If requested by EPA, Settling Defendants shall participate in community involvement activities pursuant to the community involvement plan to be developed by EPA. EPA will determine the appropriate role for Settling Defendants under the Plan. Settling Defendants shall also cooperate with EPA in providing information regarding the Work to the public. As requested by EPA, Settling Defendants shall participate in the preparation of such information for dissemination to the public and in public meetings that may be held or sponsored by EPA to explain activities at or relating to the Site.

b. Within 30 days after a request by EPA, Settling Defendants also shall provide EPA with a Technical Assistance Plan (“TAP”) for arranging (at Settling Defendants’ own expense, up to \$50,000) for a qualified community group: (a) to receive services from (an) independent technical advisor(s) who can help group members understand Site cleanup issues; and (b) to share this information with others in the community during the Work conducted pursuant to this Consent Decree. The TAP shall state that Settling Defendants will provide and arrange for any additional assistance needed if the selected community group demonstrates such a need as provided in the SOW. Upon its approval by EPA, the TAP shall be incorporated into and enforceable under this Consent Decree.

c. Costs incurred by the United States under this Section, including the costs of any technical assistance grant under Section 117(e) of CERCLA, 42 U.S.C. § 9617(e), shall be considered Future Response Costs that Settling Defendants shall pay pursuant to Section XV (Payments for Response Costs).

XXIX. MODIFICATION

106. Except as provided in Paragraph 14 (Modification of SOW or Related Work Plans), material modifications to this Consent Decree, including the SOW, shall be in writing, signed by the United States and Settling Defendants, and shall be effective upon approval by the Court. Except as provided in Paragraph 14, non-material modifications to this Consent Decree, including the SOW, shall be in writing and shall be effective when signed by duly authorized representatives of the United States and Settling Defendants. A modification to the SOW shall be considered material if it fundamentally alters the basic features of the selected remedy within the meaning of 40 C.F.R. § 300.435(c)(2)(ii). Before providing its approval to any modification to the SOW, the United States will provide the State with a reasonable opportunity to review and comment on the proposed modification.

107. Nothing in this Consent Decree shall be deemed to alter the Court's power to enforce, supervise, or approve modifications to this Consent Decree.

XXX. LODGING AND OPPORTUNITY FOR PUBLIC COMMENT

108. This Consent Decree shall be lodged with the Court for a period of not less than 30 days for public notice and comment in accordance with Section 122(d)(2) of CERCLA, 42 U.S.C. § 9622(d)(2), and 28 C.F.R. § 50.7. The United States reserves the right to withdraw or withhold its consent if the comments regarding the Consent Decree disclose facts or considerations that indicate that the Consent Decree is inappropriate, improper, or inadequate. Settling Defendants consent to the entry of this Consent Decree without further notice.

109. If for any reason the Court should decline to approve this Consent Decree in the form presented, this agreement is voidable at the sole discretion of any Party and the terms of the agreement may not be used as evidence in any litigation between the Parties.

XXXI. SIGNATORIES/SERVICE

110. Each undersigned representative of a Settling Defendant to this Consent Decree and the Assistant Attorney General for the Environment and Natural Resources Division of the Department of Justice certifies that he or she is fully authorized to enter into the terms and conditions of this Consent Decree and to execute and legally bind such Party to this document.

111. Each Settling Defendant agrees not to oppose entry of this Consent Decree by this Court or to challenge any provision of this Consent Decree unless the United States has notified Settling Defendants in writing that it no longer supports entry of the Consent Decree.

112. Each Settling Defendant shall identify, on the attached signature page, the name, address, and telephone number of an agent who is authorized to accept service of process by mail on behalf of that Party with respect to all matters arising under or relating to this Consent Decree. Settling Defendants agree to accept service in that manner and to waive the formal service requirements set forth in Rule 4 of the Federal Rules of Civil Procedure and any applicable local rules of this Court, including, but not limited to, service of a summons. Settling Defendants need

not file an answer to the complaint in this action unless or until the Court expressly declines to enter this Consent Decree.

XXXII. FINAL JUDGMENT

113. This Consent Decree and its appendices constitute the final, complete, and exclusive agreement and understanding among the Parties regarding the settlement embodied in the Consent Decree. The Parties acknowledge that there are no representations, agreements, or understandings relating to the settlement other than those expressly contained in this Consent Decree.

114. Upon entry of this Consent Decree by the Court, this Consent Decree shall constitute a final judgment between and among the United States and Settling Defendants. The Court finds that there is no just reason for delay and therefore enters this judgment as a final judgment under Fed. R. Civ. P. 54 and 58.

SO ORDERED THIS 6th DAY OF February, 2014.


United States District Judge

Signature Page for Consent Decree regarding the North Alcoa Superfund Site

FOR THE UNITED STATES OF AMERICA:



ROBERT G. DREHER
Acting Assistant Attorney General
Environment and Natural Resources Division
U.S. Department of Justice
Washington, D.C. 20530




STEVEN D. ELLIS
Senior Counsel
Allison C. McGregor
Trial Attorney
Environmental Enforcement Section
Environment and Natural Resources Division U.S.
Department of Justice
P.O. Box 7611
Washington, D.C. 20044-7611

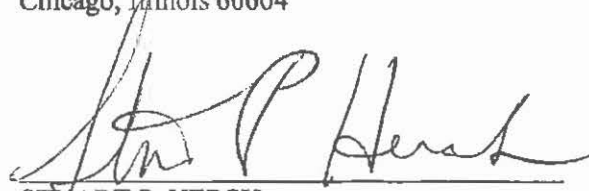
STEPHEN R. WIGGINTON
United States Attorney
Southern District of Illinois



J. CHRISTOPHER MOORE
Assistant United States Attorney
Southern District of Illinois
9 Executive Dr.
Fairview Heights, IL 62208

Signature Page for Consent Decree regarding the North Alcoa Superfund Site


9/19/13
for RICHARD C. KARL, DIRECTOR
Superfund Division
Region 5
U.S. Environmental Protection Agency
77 West Jackson Boulevard
Chicago, Illinois 60604


STUART P. HERSH
Associate Regional Counsel
U.S. Environmental Protection Agency
Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604

Signature Page for Consent Decree regarding the North Alcoa Superfund Site

FOR ALCOA INC.:

08/14/2013

Date

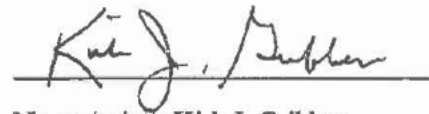


Name (print): Kevin J Anton

Title: Vice President and Chief
Sustainability Officer Alcoa Inc.

Address: 900 South Gay Street
Suite 1200
Knoxville, TN 37902

Agent Authorized to Accept Service
on Behalf of Above-signed Party:



Name (print): Kirk J. Gribben

Title: Director Corporate Remediation
Alcoa Inc.

Address: 201 Isabella Street
Pittsburgh, PA 15212-5858


Phone: 412-553-1393

Email: Kirk.gribben@alcoa.com

Signature Page for Consent Decree regarding the North Alcoa Superfund Site

**FOR ALTON & SOUTHERN RAILWAY
COMPANY:**

8/26/13
Date



EDWARD ADELMAN
General Manager
Alton & Southern Railway Company
1000 South 22nd St.
East St. Louis, IL 62207

Agent Authorized to Accept Service
on Behalf of Above-signed Party:

Edward Adelman
General Manager
Alton & Southern Railway Company
1000 South 22nd St.
East St. Louis, IL 62207
Ph: (618) 779-6672
edadelman@altonsouthern.com

Signature Page for Consent Decree regarding the North Alcoa Superfund Site

FOR CITY OF EAST SAINT LOUIS, ILLINOIS:

8/29/13
Date

Alvin L. Parks, Jr.
Mayor Alvin Parks, Jr.
City of East Saint Louis, Illinois

8/29/13
Date

Deletra Hudson
City Manager Deletra Hudson
City of East Saint Louis, Illinois

9/03/13
Date

Dorene Hoosman
City Clerk Dorene Hoosman
City of East Saint Louis, Illinois

Agent Authorized to Accept Service
on Behalf of Above-signed Party:

Name (print): Michael Wagner
Title: Corporate Counsel
Address: 525 W. Main Ste 105
Phone: Belleville, IL 62220
618-239-0187
email: mwagner@CSWLAWLLP.com