



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 ARCH STREET  
PHILADELPHIA, PENNSYLVANIA 19103-2029

IN THE MATTER OF:

ArcelorMittal Weirton LLC  
4020 Kinross Lakes Parkway  
Richfield, OH 44286-9000

Regarding the former  
Weirton Steel facility located at:

100 Pennsylvania Ave.  
Weirton, West Virginia 26062

RESPONDENT

)  
)  
) ADMINISTRATIVE ORDER  
) ON CONSENT  
)  
)  
) DOCKET NO.  
)  
) RCRA-03-2018- 0143CA  
)  
)  
) Proceeding under Section  
) 3008(h) of the Resource  
) Conservation and Recovery  
) Act, as amended, 42 U.S.C.  
) Section 6928(h)

## **ADMINISTRATIVE ORDER ON CONSENT**

The parties to this Administrative Order on Consent (Consent Order or Order), the United States Environmental Protection Agency (EPA) and ArcelorMittal Weirton LLC (Arcelor or Respondent), having agreed to entry of this Consent Order, it is therefore Ordered and Agreed that:

### **I. JURISDICTION**

A. This Consent Order is issued pursuant to the authority vested in the Administrator of the United States Environmental Protection Agency by Section 3008(h) of the Resource Conservation and Recovery Act of 1976, as amended by the Hazardous and Solid Waste Amendments of 1984 (collectively referred to hereinafter as RCRA), 42 U.S.C. § 6928(h). The authority vested in the Administrator has been delegated to the Director of the Land and Chemicals Division by EPA Delegation No. 8-32 dated June 21, 2004.

B. On May 29, 1986, EPA granted the State of West Virginia (the State) authorization to operate a hazardous waste program in lieu of the federal program, pursuant to Section 3006(b) of RCRA, 42 U.S.C. Section 6926(b). EPA has also subsequently authorized additional revisions to the State's authorized program. The State, however, does not have authority to enforce Section 3008(h) of RCRA. The State of West Virginia has been given notice of the issuance of this Order.

C. This Consent Order is issued to Respondent, the owner and/or operator of a facility located at 100 Pennsylvania Avenue, Weirton, West Virginia 26062 (the Facility) which is part of the former Weirton Steel facility as also defined in Section IV.C, below, and depicted in Attachment A to this Consent Order and made a part thereof.

D. Respondent consents to issuance of this Consent Order, agrees to comply with its terms and will not contest EPA's authority to issue this Consent Order and to enforce its terms. Further, Respondent will not contest EPA's jurisdiction to: compel compliance with this Consent Order in any subsequent enforcement proceeding, either administrative or judicial; require Respondent's compliance with the terms of this Consent Order; or impose sanctions for violations of this Consent Order.

### **II. PARTIES BOUND**

A. This Consent Order shall apply to and be binding upon EPA, Respondent and their agents, successors and assigns.

B. No change in ownership of any property covered by this Consent Order, or in the corporate or partnership status of Respondent, shall in any way alter, diminish, or otherwise affect Respondent's obligations and responsibilities under this Consent Order.

C. Respondent shall provide a copy of this Consent Order to all supervisory personnel, contractors, subcontractors, laboratories, and consultants retained to conduct and/or monitor any portion of the work performed pursuant to this Consent Order and shall do so within thirty (30) calendar days of the effective date of this Consent Order or date of such retention, whichever is later. All contracts, agreements or other arrangements with such persons shall require such persons to conduct and/or monitor the work in accordance with the requirements of this Consent Order. Notwithstanding the terms of any such contract, agreement or arrangement, Respondent is responsible for complying with this Consent Order and for ensuring that all such persons perform such work in accordance with this Consent Order.

D. In the event of any change in ownership or operation of the Facility and/or in the event of any change in majority ownership or control of the Respondent, Respondent shall notify EPA in writing of the nature of any such change no later than fifteen (15) calendar days after the effective date of such change. In addition, Respondent shall provide a copy of this Consent Order to any successor to the Respondent and/or to the Facility at least fifteen (15) calendar days prior to the effective date of such change.

### **III. STATEMENT OF PURPOSE**

In entering into this Consent Order, the mutual objectives of EPA and Respondent are to 1) perform a RCRA Facility Investigation (RFI) to determine fully the nature and extent of any release of hazardous waste and/or hazardous constituents at or from the Facility; 2) perform a Corrective Measures Study (CMS) to identify and evaluate alternatives for corrective action necessary to prevent or mitigate migration or releases of solid wastes or hazardous wastes and/or hazardous constituents at or from the Facility; 3) implement corrective measures, if any are selected by EPA in Final Decision(s) and Response to Comments (FDRTC(s)), necessary to protect human health and the environment; and 4) perform Interim Measures (IM) as necessary, to prevent or mitigate threats to human health or the environment.

### **IV. FINDINGS OF FACT**

Respondent neither admits nor denies the following Findings of Fact.

A. Respondent is a corporation and is a person as defined in Section 1004(15) of RCRA, 42 U.S.C. § 6903(15).

B. Respondent is the owner and/or operator of the Facility.

C. The Facility is part of the former Weirton Steel facility which was a facility authorized to operate under Section 3005(e) of RCRA, 42 U.S.C. § 6925(e), for purposes of Section 3008(h) of RCRA, 42 U.S.C. § 6928(h).

D. From approximately 1908 through the 1984, the former Weirton Steel facility was operated as a totally integrated steel mill that produced hot rolled steel, cold rolled steel, tin mill products, galvanized products and other coated flat rolled products. Currently Respondent operates a steel electroplating operation (Tin Mill) and a rolling mill at the Facility located along the Ohio River, and the remainder of the Facility has been shut down and idled. The portion of the former Weirton Steel facility currently owned and/or operated by Respondent occupies approximately 263.2 acres of property (see Attachment A). For purposes of this Order, the Facility shall include five (5) parcels sold off by Respondent in approximately 2004, and depicted on Attachment A in yellow highlight.

E. Results of sampling conducted by Respondent at the Facility in March 1994, September 1994, and March 1995 show that benzene, arsenic, cadmium, chromium and lead are present in groundwater at levels above their respective Maximum Contaminant Levels (MCLs) promulgated pursuant to Section 1412 of the Safe Drinking Water Act, 42 U.S.C. §§ 300g-l, and codified/promulgated at 40 C.F.R. Part 141.

F. Based on the findings above, EPA has determined that there are potential adverse environmental or human health impacts associated with the hazardous wastes which are present at or released at or from the Facility.

G. On September 16, 1996, EPA issued a Unilateral Administrative Order to Weirton Steel Corporation (Docket No. RCRA-3-083CA) (1996 UAO) for certain work now addressed by this Order.

H. Subsequent to the issuance of the 1996 UAO, Respondent became the owner of the former Weirton Steel facility. On January 31, 2017, Respondent conveyed a portion of the former Weirton Steel facility to Mingo Junction Steel Works, LLC (Mingo Junction). Respondent is now the owner of the Facility, as shown on Attachment A.

I. Pursuant to the terms of the 1996 UAO, various plans and reports were submitted to and/or approved by EPA (Submitted Documents).

J. Submitted Documents include, but are not limited to, those listed in Attachment B. The EPA Approved Documents apply to the Corrective Action Area(s) (CAA) that were defined in the EPA approved RFI Workplan(s) submitted to EPA pursuant to the 1996 UAO. Respondent shall inform EPA how it intends to use any previously approved Work to fulfill its obligations under this Order taking into account any subdivisions that occurred subsequent to the 1996 UAO.

## **V. CONCLUSIONS OF LAW AND DETERMINATIONS**

EPA hereby determines that there is or has been a release of hazardous waste within the meaning of 3008(h) of RCRA, 42 U.S.C. § 6928(h), into the environment from the Facility and that the corrective action and/or other response measures required by this Consent Order are necessary to protect human health or the environment.

## **VI. WORK TO BE PERFORMED**

EPA acknowledges that Respondent has completed some of the tasks required by this Consent Order and that Respondent has available some of the information and data required by this Consent Order. To the extent that this previous work has been performed by Respondent and approved by EPA, it may be used to meet the requirements of this Consent Order, upon written approval by EPA.

Respondent acknowledges that Mingo Junction will be required to perform work on the Facility Property in order to comply with a related Order entered into by EPA and Mingo Junction (Docket No. RCRA-03-2018-0144CA). Respondent is required to cooperate with Mingo Junction to allow Mingo Junction to comply with its Order (Attachment C).

Pursuant to Section 3008(h) of RCRA, 42 U.S.C. § 6928(h), Respondent agrees to and is hereby ordered to implement the following work in the time and manner specified herein. All work undertaken pursuant to this Consent Order shall be developed and performed, as appropriate and approved by EPA, in accordance with: the Scope of Work for a RCRA Facility Investigation (RFI), the Scope of Work for a Corrective Measures Study (CMS), the Scope of Work for Corrective Measures Implementation, the Scope of Work for Interim Measures, the Scope of Work for Health and Safety Plan; and RCRA, its implementing regulations and relevant EPA guidance documents. EPA's Scopes of Work and relevant guidance are available at:

<https://www.epa.gov/hwcorrectiveactionsites/corrective-action-resources-specific-epas-region-3> and are incorporated herein by reference.

Days as used herein shall mean calendar days unless otherwise specified. Respondent may request reasonable extensions of time for the submission of the Work required under Section VI, which may be granted at the sole discretion of EPA.

Work as used herein shall mean all activities and obligations that Respondent is required to perform under this Order. Respondent may perform the work pursuant to, in furtherance of, and/or in satisfaction of any and all requirements of this Consent Order in phases or on a parcel by parcel basis. The parties further agree that Respondent shall propose the boundaries of the individual parcel(s) required to be addressed pursuant to this Consent Order.

### **A. RCRA FACILITY INVESTIGATION ("RFI")**

1. Within sixty (60) calendar days of the Effective Date of this Consent Order, Respondent shall submit to EPA for approval a description of the conditions at the Facility (Description). This Description shall be developed in accordance with the RFI Scope of Work. Upon receipt of a written request from Respondent, EPA may, in its sole discretion not subject to dispute resolution, waive the requirement for Respondent to submit the Description.

2. Within sixty (60) calendar days of the Effective Date of this Consent Order, Respondent shall submit to EPA, for approval, a Workplan for a RCRA Facility Investigation (RFI Workplan). The RFI Workplan shall be developed in accordance with, at a minimum, the RFI Scope of Work, RCRA, its applicable implementing regulations, and relevant EPA guidance documents.
3. The RFI Workplan shall be designed to determine the presence, magnitude, extent, direction, and rate of movement of any, hazardous wastes and/or hazardous constituents from Respondent's manufacture of printed circuit boards at or from the Facility. The RFI Workplan shall document the procedures Respondent shall use to conduct those investigations necessary to: (A) characterize the potential pathways of contaminant migration; (B) characterize the source(s) of contamination; (C) define the degree and extent of contamination; (D) identify actual or potential human and/or ecological receptors; (E) support the development of alternatives from which a corrective measure(s) will be selected by EPA; and (F) evaluate the effectiveness of the existing pump and treat system and submit a proposal to modify the system as appropriate. A specific schedule for expeditious implementation of all activities shall be included in the RFI Workplan.
4. In accordance with the provisions of the RFI Scope of Work the RFI Workplan shall include: (A) a Project Management Plan; (B) a Data Collection Quality Assurance Plan; (C) a Data Management Plan; (D) a Community Relations Plan; and (E) shall provide for the submission of a draft and final RFI report.
5. Upon receipt of EPA approval of the RFI Workplan, Respondent shall implement the EPA-approved RFI Workplan in accordance with the terms and schedules contained therein. Upon completion of implementation of the RFI Workplan, Respondent shall submit to EPA for approval draft and final RFI Report(s) and draft and final Laboratory and Bench Scale Studies Report(s) in accordance with the requirements and schedule contained in the RFI Workplan.

#### B. CORRECTIVE MEASURES STUDY ("CMS")

1. Within ninety (90) calendar days of receipt of EPA approval of the Final RFI Report, Respondent shall submit to EPA for approval a Draft CMS Report(s) in accordance with the CMS Scope of Work.
2. Within thirty (30) calendar days of receipt of EPA's comments on the Draft CMS Report, Respondent shall submit to EPA the Final CMS Report, revised to respond to all comments received from and/or remedy all deficiencies identified by EPA on the Draft CMS Report.

### C. PUBLIC COMMENT AND PARTICIPATION

1. After approval of the Final CMS Report, EPA will make both the Final RFI Report and the Final CMS Report, a description of EPA's proposed Corrective Measures, if any, and EPA's justification for proposing selection of such Corrective Measures (the "Statement of Basis") available to the public for review and comment for at least thirty (30) calendar days.
2. Following the public review and comment period, EPA will issue a Final Decision and Response to Comments (FDRTC), in which it will identify the Corrective Measure(s), if any are so selected. If on the basis of public comments or other relevant information, significant changes are proposed to be made to the corrective measures identified by EPA in the Statement of Basis, EPA may seek additional public comment.
3. Upon issuance of the FDRTC, the FDRTC shall be incorporated into this Consent Order and become a part hereof.

### D. CORRECTIVE MEASURE(S) IMPLEMENTATION

1. Corrective Measure Workplan and Design
  - a. Within ninety (90) days of the issuance of the FDRTC, Respondent shall submit to EPA a Corrective Measures Implementation (CMI) Workplan for implementation of the Corrective Measures if any were selected in the FDRTC. The CMI Workplan is subject to approval by EPA and shall be developed in accordance with the Scope of Work for CMI.
  - b. Respondent shall include, as part of the CMI Workplan, an Institutional Controls Implementation and Assurance Plan (IC Plan). The IC Plan will establish, document, and report the methods that will be used to implement and monitor compliance with the land and/or groundwater use restrictions, if any, and ensure that they remain in place and effective and run with the land as appropriate.
  - c. Upon receipt by Respondent of EPA's approval of the CMI Workplan, said Workplan shall be incorporated into and become enforceable under this Consent Order, and Respondent shall implement it in accordance with the schedules and provisions contained therein.
  - d. Within ninety (90) calendar days of receipt of EPA approval of the CMI Work Plan, Respondent shall submit to EPA, for review and comment, a 30% CMI Design Report (with a list of plans and specifications) which shall be developed in accordance with the Scope of Work for CMI.
  - e. Within sixty (60) calendar days of receipt of EPA's comments on the 30% CMI Design Report, Respondent shall incorporate those comments and submit to EPA for approval a 90% CMI Design Report (with complete plans and specifications). The 90% CMI Design Report shall be developed in accordance with the Scope of Work for CMI.

f. Upon receipt by Respondent of EPA's approval of the 90% CMI Design Report, said Report shall be incorporated into and become enforceable under this Consent Order, and Respondent shall implement it in accordance with the schedules and provisions contained therein.

## 2. Corrective Measure Construction

a. For all corrective measures selected in a FDRTC that require construction, Respondent shall commence and complete construction of such Corrective Measures selected in the RCRA FDRTC in accordance with the CMI Scope of Work, the schedules and specifications set forth in the EPA-approved CMI Workplan and the EPA-approved CMI Design Report.

b. Within forty five (45) calendar days of completion of construction of the Corrective Measures selected by EPA in the FDRTC, Respondent shall submit to EPA for approval a CMI Report. The CMI Report shall be developed in accordance with CMI Scope of Work and shall describe activities performed during construction, and provide a preliminary assessment of CMI performance.

c. EPA shall determine, on the basis of the CMI Report and any other relevant information, whether the constructed project is consistent with the EPA-approved CMI Design Report. If EPA determines that the constructed project is consistent with the EPA-approved CMI Design Report and that the Corrective Measures have achieved or are achieving all of the requirements set forth in the FDRTC and the performance criteria established in the CMI Design Report, EPA shall approve the CMI Report.

d. If EPA determines that the constructed project is inconsistent with the EPA-approved CMI Design Report and/or that the Corrective Measures have not achieved or are not achieving all of the requirements set forth in the FDRTC and the performance criteria established in the CMI Design Report, EPA shall notify Respondent in writing of those activities that must be undertaken to complete the corrective measures requirements and shall set forth a schedule for the completion of those activities. Respondent shall complete the activities in accordance with the schedule set forth in the EPA notification.

e. Respondent may, at any time following EPA approval of all pre-design activities required by the FDRTC as it pertains to the Facility, request that EPA select, for the purpose of this Consent Order, Alternative and/or Supplemental Corrective Measures, subject to EPA's review and approval.

## 3. Corrective Measures Assessment Reports

a. Within ninety (90) days after approval of the CMI Report pursuant to paragraph VI.D.2.c or d, Respondent shall submit a CMI Assessment Report for EPA approval. The CMI Assessment Report shall provide an evaluation of the Corrective Measures' effectiveness in



achieving the requirements set forth in the FDRTC and the performance criteria established in the CMI Design Report.

b. If based on the CMI Assessment Report or any other information, EPA determines that the Corrective Measures are not achieving the requirements set forth in the FDRTC, EPA shall notify Respondent in writing of those activities that must be undertaken to meet the objectives of the Corrective Measures and shall set forth a schedule for the completion of those activities. Respondent shall complete the activities in accordance with the schedule set forth in the EPA notification.

c. No later than five years after the submission of the CMI Assessment Report and every five (5) years thereafter until Respondent's receipt of written notice from EPA that Respondent has demonstrated, to the satisfaction of EPA, that the terms of this Consent Order, including any additional tasks determined by EPA to be required pursuant to this Consent Order, have been satisfactorily completed, Respondent shall submit a CMI Five-Year Assessment Report. Such Report shall contain an evaluation of the past and projected future effectiveness of the Corrective Measures in achieving the requirements set forth in the FDRTC and the performance criteria established in the CMI Design Report.

d. Respondent may, as part of a CMI Five-Year Assessment Report, request that EPA select an Alternative and/or Supplemental Corrective Measures.

e. In the event EPA selects an Alternative and/or Supplemental Corrective Measure(s) either in response to a request by Respondent pursuant to Section VI.D.3.d, above, or on its own initiative, EPA may provide Respondent with a period of at least sixty (60) calendar days from the date Respondent receives written notice from EPA of the selection of an Alternative and/or Supplemental Corrective Measures within which to reach an agreement with EPA regarding performance of the Alternative and/or Supplemental Corrective Measures in lieu of, or in addition to, the Corrective Measures described in paragraph VI.C.2. Any such agreement between EPA and Respondent shall be incorporated into and become enforceable under this Consent Order and Respondent shall implement the activities required under any such agreement in accordance with any schedule and provisions contained therein.

f. Nothing in paragraph VI.D.3.e., above, shall limit EPA's authority to implement or require performance of Alternative and/or Supplemental Corrective Measure(s) or to take any other appropriate action under RCRA, 42 U.S.C. §§ 6901 et seq., the Comprehensive Environmental Response, Compensation and Liability Act, as amended, 42 U.S.C. §§ 9601 et seq. (CERCLA), or any other legal authority, including the issuance of a unilateral administrative order or the filing of a civil action.

#### 4. Completion of Corrective Measures

a. After Respondent has determined that the Corrective Measures in a FDRTC have been fully implemented in accordance with the EPA-approved CMI Design Report, Respondent shall notify EPA in writing and request EPA's approval to discontinue such Corrective Measures. The request shall explain the basis for Respondent's conclusion and include all available

documentation supporting such conclusion.

b. Upon receipt of EPA's approval of Respondent's request to discontinue Corrective Measures, Respondent may discontinue such Corrective Measures, except that Respondent shall continue to monitor the groundwater in accordance with the EPA-approved CMI Design Report (including the Sampling and Analysis Plan and Operations and Maintenance Plan), if applicable. Respondent shall submit the results of such post-construction monitoring with the Quarterly Progress Reports in accordance with Section VI.F.3 of this Consent Order.

c. If at any time during the post-construction monitoring program, EPA determines that the level of any hazardous constituent and/or hazardous waste in the groundwater has increased above the media cleanup standards set forth in a FDRTC for such hazardous constituent and/or hazardous waste, EPA may determine if Alternative and/or Supplemental Corrective Measures need to be initiated to achieve the established media cleanup standards. EPA shall notify Respondent in writing of any such determination. Any decision by EPA to require Alternative and/or Supplemental Corrective Measures shall be made pursuant to applicable EPA regulations and consistent with EPA guidance regarding selection of corrective measures under RCRA.

d. If after the post-construction monitoring program is completed to EPA's satisfaction, the media cleanup standards set forth in a FDRTC have been maintained and all other aspects of Corrective Measures Construction and O&M have been completed, Respondent shall submit a Certification of Completion for such corrective measures ("Certification of Completion") to EPA for approval in accordance with Section VI.F. of this Consent Order. The Certification of Completion shall provide documentation sufficient to support a determination that media cleanup standards set forth in the FDRTC have been maintained and include all available documentation supporting such a determination.

#### E. INTERIM MEASURES (IM)

1. Commencing on the Effective Date of this Consent Order and continuing thereafter, in the event Respondent identifies an immediate or potential threat to human health and/or the environment at the Facility, or discovers new releases of hazardous waste and/or hazardous constituents at or from the Facility not previously identified, Respondent shall notify the EPA Project Coordinator orally within forty eight (48) hours of discovery and notify EPA in writing within three (3) calendar days of such discovery summarizing the immediacy and magnitude of the potential threat(s) to human health or the environment. Upon written request of EPA, Respondent shall submit to EPA for approval an IM Work Plan in accordance with the IM Scope of Work. If EPA determines that immediate action is required, the EPA Project Coordinator may orally authorize Respondent to act prior to EPA's receipt of the IM Work Plan.

2. Commencing on the Effective Date of this Consent Order and continuing thereafter, if EPA identifies an immediate or potential threat to human health and/or the environment at the Facility, or discovers new releases of hazardous waste and/or the environment at the Facility not previously identified, EPA will notify Respondent in writing. Within ten (10) days of receiving EPA's written notification, Respondent shall submit to EPA for approval an IM Work Plan in accordance with the IM Scope of Work that identifies interim measures which will mitigate the

threat. If EPA determines that immediate action is required, the EPA Project Coordinator may orally require Respondent to act prior to Respondent's receipt of EPA's written notification.

3. All IM Work Plans shall ensure that the interim measures are designed to mitigate immediate or potential threat(s) to human health and/or the environment and should be consistent with the objectives of, and contribute to the performance of the corrective measures which may be selected by EPA in a FDRTC or any amendment thereto.

4. Each IM Work Plan shall include the following sections as appropriate and approved by EPA: Interim Measures Objectives, Public Involvement Plan, Data Collection Quality Assurance, Data Management, Design Plans and Specifications, Operation and Maintenance, Project Schedule, Interim Measures Construction Quality Assurance, and Reporting Requirements. Concurrent with submission of an IM Work Plan, Respondent shall submit to EPA an IM Health and Safety Plan.

## **F. SUBMISSIONS/EPA APPROVAL/ADDITIONAL WORK**

1. EPA will review the Work Plans and reports and all other documents submitted by Respondent pursuant to this Consent Order, with the exception of progress reports (Submissions), and will notify Respondent in writing of EPA's approval or disapproval of each such Submission. In the event of EPA's disapproval, EPA shall specify in writing any deficiencies in the Submission. Such disapproval shall not be subject to the Dispute Resolution procedures of Section XV, below.

2. Within thirty (30) calendar days of receipt of EPA's comments on the Submission, or ten (10) calendar days in the case of an IM Work Plan, Respondent shall submit to EPA for approval a revised Submission, which responds to any comments received and/or corrects any deficiencies identified by EPA. In the event that EPA disapproves of the revised Submission, Respondent may invoke the dispute resolution procedures of Section XV, below. In the event EPA disapproves the revised Submission, EPA reserves the right to revise such Submission and seek to recover from Respondent the costs thereof, in accordance with CERCLA and any other applicable law. Any Submission approved or revised by EPA under this Consent Order shall be deemed incorporated into and made an enforceable part of this Consent Order.

3. Beginning with the first day of the fourth full month following the Effective Date of this Consent Order, and every three months thereafter on the first day of the month, throughout the period that this Consent Order is effective, Respondent shall provide EPA with quarterly progress reports.

4. One (1) copy of all Submissions required by this Consent Order shall be sent by Overnight Mail, Return Receipt Requested, to the Project Coordinator designated pursuant to Section XI (PROJECT COORDINATORS), below. In addition, an electronic copy of all Submissions shall also be sent via email to the designated Project Coordinator.

5. All work performed pursuant to this Consent Order shall be under the direction and supervision of a professional engineer or geologist with expertise in hazardous waste site investigation. Within thirty (30) calendar days after the Effective Date of this Consent Order, Respondent shall submit to EPA, in writing, the name, title, and qualifications of the engineer or geologist and of any contractors or subcontractors to be used in carrying out the terms of this Consent Order. If the Respondent will continue to use an engineer or geologist whose information was previously submitted to EPA under the terms of the 1996 UAO, this submittal is not required. Notwithstanding Respondent's selection of an engineer, geologist, contractor or subcontractor, nothing herein shall relieve Respondent of its obligation to comply with the terms and conditions of this Consent Order. EPA shall have the right to disapprove at any time the use of any professional engineer, geologist, contractor or subcontractor selected by Respondent. EPA's disapproval shall not be subject to review under Section XV (DISPUTE RESOLUTION) of this Consent Order, or otherwise. Within fifteen (15) calendar days of receipt from EPA of written notice disapproving the use of any professional engineer, geologist, contractor or subcontractor, Respondent shall notify EPA, in writing, of the name, title and qualifications of the personnel who will replace the personnel disapproved by EPA. Respondent shall notify EPA ten (10) days prior to changing voluntarily its engineer or geologist, and/or contractors or subcontractors to be used in carrying out the terms of this Consent Order, and shall submit to EPA in writing, the name, title, and qualifications of such person(s).

6. EPA may determine that certain tasks and deliverables including, but not limited to, investigatory work or engineering evaluation require additional work. These tasks and deliverables may or may not have been in the EPA-approved Work Plans. If EPA determines that such additional work is necessary, EPA shall request, in writing, that Respondent perform the additional work and shall specify the reasons for EPA's determination that additional work is necessary. Within fifteen (15) calendar days after the receipt of such request, or as otherwise agreed by the parties, Respondent shall have the opportunity to meet or confer with EPA to discuss the additional work EPA has requested. In the event that Respondent agrees to perform the additional work, this Consent Order shall be modified in accordance with Section XXII (SUBSEQUENT MODIFICATION) below, and such work shall be performed in accordance with this Consent Order. In the event Respondent declines or fails to perform the additional work, EPA reserves the right, at a minimum, to order Respondent to perform such additional work; to perform such additional work itself and to seek to recover from Respondent all costs of performing such additional work; and to disapprove the CMI Work Plans; the CMI Reports and/or any other Submissions. Respondent reserves its rights and defenses to challenge any such action by EPA, subject to Section I.D.

## **VII. QUALITY ASSURANCE**

A. Throughout all sample collection and analysis activities, Respondent shall use EPA-approved quality assurance, quality control, and chain-of-custody procedures, as specified in the EPA-approved Work Plans. In addition, Respondent shall:

1. Ensure that laboratories used by Respondent for analyses perform such analyses according to the EPA methods included in Test Methods for Evaluating Solid Waste (SW-846,

November 1986) or other methods deemed satisfactory to EPA. If methods other than EPA methods are to be used, Respondent shall submit all analytical protocols to be used for analyses to EPA for approval at least thirty (30) calendar days prior to the commencement of analyses and shall obtain EPA approval prior to the use of such analytical protocols.

2. Ensure that laboratories used by Respondent for analyses participate in a quality assurance/quality control program equivalent to that which is followed by EPA. As part of such a program, and upon request by EPA, such laboratories shall perform analyses of samples provided by EPA to demonstrate the quality of the analytical data.

3. Inform the EPA Project Coordinator at least fourteen (14) calendar days in advance of any laboratory analysis regarding which laboratory will be used by Respondent and ensure that EPA personnel and EPA authorized representatives have reasonable access to the laboratories and personnel used for analysis.

### **VIII. ON-SITE AND OFF-SITE ACCESS**

A. EPA and/or its authorized representatives shall have the authority to enter and freely move about all property at the Facility owned or controlled by Respondent during the pendency of this Consent Order for the purposes of, inter alia: interviewing Facility personnel and contractors controlled by Respondent; inspecting Respondent's records, operating logs, and contracts related to the Facility; reviewing the progress of Respondent in carrying out the terms of this Consent Order; conducting such tests, sampling or monitoring as EPA or its Project Coordinator deem necessary; using a camera, sound recording, or other documentary type equipment; and verifying the reports and data submitted to EPA by Respondent. Respondent shall permit such persons to inspect and copy all records, files, photographs, documents, and other writings, including all sampling and monitoring data, that pertain to work undertaken pursuant to this Consent Order.

B. To the extent that work required by this Consent Order, or by any EPA-approved Work Plan prepared pursuant hereto, must be done on property not owned or controlled by Respondent, Respondent shall use its best efforts to obtain site access agreement(s) from the present owner(s) and/or lessee(s) of such property, as appropriate, within thirty (30) calendar days of receipt of EPA approval of any Work Plan pursuant to this Consent Order which requires Work on such property. For purposes of this paragraph, best efforts shall include, at a minimum, but shall not be limited to: a) a certified letter from Respondent to the present owner(s) or lessee(s) of such property requesting agreements to permit Respondent, EPA, and its authorized representatives to have access to such property; and b) the payment of reasonable sums of money in consideration of access. Reasonable sums of money means the fair market value of the right of access necessary to implement the requirements of this Consent Order. In the event that such agreements for access are not obtained within thirty (30) calendar days after receipt of EPA approval of any Work Plan pursuant to this Consent Order which requires work on property which is not owned or controlled by Respondent, Respondent shall notify EPA, in writing, within seven (7) calendar days after the conclusion of such thirty-day period, regarding both the efforts undertaken to obtain access and the inability to obtain such agreements. In the event that

Respondent fails to obtain off-site access, despite the exercise of best efforts, EPA, in its discretion, may assist Respondent in obtaining off-site access for Respondent. Respondent shall reimburse EPA for all costs incurred by EPA in obtaining access, including, but not limited to, attorney's fees and the amount of any just compensation and costs incurred by EPA.

C. To the extent Mingo Junction Steel Works, LLC (Mingo Junction) needs access to conduct Work in or around the Facility in order to satisfy Mingo Junction's obligations under a related Order (Docket No. RCRA-03-2018-0144CA)(Attachment C), Respondent shall reasonably cooperate with Mingo Junction in order to fulfill Work required of Mingo Junction.

D. Nothing in this Consent Order limits or otherwise affects EPA's rights of access and entry pursuant to applicable law, including, but not limited to, RCRA and CERCLA.

## **IX. SAMPLING AND DATA/DOCUMENT AVAILABILITY**

A. Respondent shall submit to EPA the results of all sampling and/or tests or other data generated by, or on behalf of, Respondent in accordance with the requirements of this Consent Order.

B. Respondent shall notify EPA, in writing, at least fourteen (14) calendar days in advance of any field activities, including but not limited to, well drilling, installation of equipment, or sampling. At the request of EPA, Respondent shall provide or allow EPA or its authorized representatives to take split or duplicate samples of all samples collected by Respondent pursuant to this Consent Order. Nothing in this Consent Order shall limit or otherwise affect EPA's authority to collect samples pursuant to applicable law, including, but not limited to, RCRA and CERCLA.

C. Respondent may assert a business confidentiality claim covering all or part of any information submitted to EPA pursuant to this Consent Order in the manner described in 40 C.F.R. § 2.203(b). Any assertion of confidentiality shall be adequately substantiated by Respondent when the assertion is made in accordance with 40 C.F.R. § 2.204(e)(4). Information subject to a confidentiality claim shall be disclosed only to the extent allowed by, and in accordance with, the procedures set forth in 40 C.F.R. Part 2, Subpart B. If no such confidentiality claim accompanies the information when it is submitted to EPA, it may be made available to the public by EPA without further notice to Respondent. Respondent shall not assert any confidentiality claim with regard to any physical, sampling, monitoring, or analytical data.

D. If Respondent wishes to assert a privilege with regard to any document which EPA seeks to inspect or copy pursuant to this Consent Order, Respondent shall identify the document, the privilege claimed, and the basis therefore in writing. For the purposes of this Consent Order, privileged documents are those documents exempt from discovery from the United States in litigation under the Federal Rules of Civil Procedure. Respondent shall not assert a privilege with regard to analytical, sampling and monitoring data.

## **X. RECORD PRESERVATION**

Respondent agrees that it shall preserve, during the pendency of this Consent Order and for a minimum of at least six (6) years after its termination, all data, records and documents in its possession or in the possession of its divisions, officers, directors, employees, agents, contractors, successors, and assigns which relate in any way to this Consent Order or to hazardous waste management and/or disposal at the Facility. After six (6) years, Respondent shall make such records available to EPA for inspection or shall provide copies of such records to EPA. Respondent shall notify EPA at least thirty (30) calendar days prior to the proposed destruction of any such records, and shall provide EPA with a reasonable opportunity to inspect, copy and/or take possession of any such records. Respondent shall not destroy any record to which EPA has requested access for inspection and/or copying until EPA has obtained such access or withdrawn its request for such access. Nothing in this Section X shall in any way limit the authority of EPA under Section 3007 of RCRA, 42 U.S.C. § 6927, or any other access or information-gathering authority.

## **XI. PROJECT COORDINATORS**

A. EPA hereby designates John Hopkins as the EPA Project Coordinator. Within ten (10) calendar days of the Effective Date of this Consent Order, Respondent shall notify EPA, in writing, of the Project Coordinator it has selected. If the Respondent will continue to use the Project Coordinator whose information was previously submitted to EPA under the terms of the 1996 UAO, this submittal is not required. Respondent's Project Coordinator is the Regional Waste Manager for ArcelorMittal USA. Respondent's legal counsel shall not serve as Respondent's Project Coordinator. Each Project Coordinator shall be responsible for overseeing the implementation of the Consent Order. The EPA Project Coordinator will be EPA's primary designated representative at the Facility. To the maximum extent possible, all communications between Respondent and EPA, and all documents, reports, approvals, and other correspondence concerning the activities performed pursuant to the terms and conditions of this Consent Order, shall be directed through the Project Coordinators.

B. Each party agrees to provide at least seven (7) calendar days written notice to the other party prior to changing Project Coordinators.

C. If EPA determines that conditions or activities at the Facility, whether or not in compliance with this Consent Order, have caused or may cause a release or threatened release of hazardous wastes, hazardous constituents, hazardous substances, solid wastes, pollutants or contaminants which threaten or may pose a threat to the public health or welfare or to the environment, EPA may direct that Respondent stop further implementation of this Consent Order for such period of time as may be needed to abate any such release or threatened release and/or to undertake any action which EPA determines is necessary to abate such release or threatened release.

D. The absence of the EPA Project Coordinator from the Facility shall not be cause for the delay or stoppage of work.

## XII. NOTIFICATION

A. Unless otherwise specified, reports, correspondence, approvals, disapprovals, notices, or other submissions relating to or required under this Consent Order shall be in writing and shall be sent as follows:

1. One electronic and one hard copy of all documents shall be submitted to:

John Hopkins  
U.S. Environmental Protection Agency, Region III  
Mail Code 3LC10  
1650 Arch St.  
Philadelphia, PA 19103-2029

2. One copy of all documents to be submitted to EPA shall also be sent to:

Kenan Cetin  
West Virginia Division of Environmental Protection  
Kenan.Cetin@wv.gov

B. Any notice, report, certification, data presentation, or other document submitted by Respondent pursuant to this Consent Order which discusses, describes, demonstrates, or supports any finding or makes any representation concerning Respondent's compliance or noncompliance with any requirement of this Consent Order shall be certified by a responsible corporate officer or a duly authorized representative of a responsible corporate officer. A responsible corporate officer means: (a) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or (b) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. A person is a duly authorized representative only if: (1) the authorization is made in writing by a person described above; (2) the authorization specifies either an individual or position having responsibility for overall operation of the regulated facility or activity (a duly authorized representative may thus be either a named individual or any individual occupying a named position); and (3) the written authorization is submitted to the Project Coordinator designated by EPA in Section XI (PROJECT COORDINATORS) of this Consent Order.

- C. The certification required by paragraph B, above, shall be in the following form:

I certify that the information contained in or accompanying this [type of submission] is true, accurate, and complete.



As to [the/those identified portion(s)] of this [type of submission] for which I cannot personally verify [its/their] accuracy, I certify under penalty of law that this [type of submission] and all attachments were prepared in accordance with procedures 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, or the immediate supervisor of such person(s), 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 fines and imprisonment for knowing violations.

Signature : \_\_\_\_\_

Name : \_\_\_\_\_

Title : \_\_\_\_\_

### **XIII. COST ESTIMATES AND ASSURANCES OF FINANCIAL RESPONSIBILITY**

#### **A. Estimated Cost of Work**

1. Within sixty (60) days after EPA approval of each of the RFI(s), CMI(s), IM(s) and Additional Work Workplan(s), Respondent shall submit to EPA for approval detailed written estimates, in current dollars, of the cost of hiring a third party to perform the work under such approved Workplan (Cost Estimate). All cost estimates shall be consistent with the requirements of 40 C.F.R. 264.142 and 264.144. References in these regulations to closure and post-closure shall mean the Work to be Performed under Section VI of this Consent Order.

2. Respondent shall annually adjust the Cost Estimate for inflation and for changes in the scope of the Work until the Work required by this Consent Order is completed. Within sixty (60) days after the close of Respondent's fiscal year, Respondent shall submit each annual Cost Estimate to EPA for review.

3. If at any time EPA determines that a cost estimate provided pursuant to this Section XIII is inadequate, EPA shall notify Respondent in writing, stating the basis for its determination. If at any time Respondent becomes aware of information indicating that any Cost Estimate provided pursuant to this Section XIII is inadequate, Respondent shall notify EPA in writing of such information within twenty (20) days. Within thirty (30) days of EPA's notification, or within thirty (30) days of becoming aware of such

information, as the case may be, Respondent shall submit a revised Cost Estimate to EPA for review.

**B. Assurances of Financial Responsibility for Completing the Work**

1. Within one hundred twenty (120) days after EPA approves the initial Cost Estimate, Respondent shall establish financial assurance for the benefit of EPA. In the event that EPA approval of Respondent's initial Cost Estimate is not received within 30 days after close of Respondent's fiscal year, Respondent shall establish and maintain the financial assurance in the amount of the Cost Estimate submitted pursuant to Paragraph XIII.A.I within ninety (90) days of the end of its fiscal year. Respondent shall maintain adequate financial assurance until EPA releases Respondent from this requirement pursuant to Section XXIV (TERMINATION AND SATISFACTION). Respondent shall update the financial instrument or financial test demonstration to reflect changes to the Cost Estimate within ninety (90) days after the close of the Respondent's fiscal year. Respondent may use one or more of the financial assurance forms described in subparagraphs i - vi immediately below. Any and all financial assurance documents shall be satisfactory in form and substance as determined by EPA.

- i. A trust fund established for the benefit of EPA, administered by a trustee;
- ii. A surety bond unconditionally guaranteeing performance of the Work in accordance with this Consent Order, or guaranteeing payment at the direction of EPA into a standby trust fund that meets the requirements of the trust fund in subparagraph i above;
- iii. An irrevocable letter of credit, payable at the direction of the Director, Land and Chemicals Division, into a standby trust fund that meets the requirements of the trust fund in subparagraph i above;
- iv. An insurance policy that provides EPA with rights as a beneficiary, issued for a face amount at least equal to the current Cost Estimate, except where costs not covered by the insurance policy are covered by another financial assurance instrument;
- v. A corporate guarantee, executed in favor of the EPA by one or more of the following: (1) a direct or indirect parent company, or (2) a company that has a "substantial business relationship" with Respondent (as defined in 40 C.F.R. § 264.141(h)), to perform the Work required under Section VI of this Consent Order or to establish a trust fund as permitted by subparagraph i above; provided, however, that any company providing such a guarantee shall demonstrate to the satisfaction of the EPA that it satisfies the financial test requirements of 40 C.F.R. § 264.143(f) with respect to the portion of the Cost Estimate that it proposes to guarantee.

- vi. A demonstration by Respondent that it meets the financial test criteria of 40 C.F.R. § 264.143(f) with respect to the Cost Estimate, provided that all other requirements of 40 C.F.R. § 264.143(f) are satisfied.
- vii. Another form of financial assurance proposed by Respondent, if approved by EPA.

2. Respondent shall submit all original executed and/or otherwise finalized instruments to Regional Administrator, U.S. Environmental Protection Agency, Region III, 1650 Arch Street, Philadelphia, Pennsylvania 19103-2029 within thirty (30) days after date of execution or finalization as required to make the documents legally binding. Respondent shall also provide copies to the EPA Project Coordinator.

3. If at any time Respondent provides financial assurance for completion of the Work by means of a corporate guarantee or financial test, Respondent shall also comply with the other relevant requirements of 40 C.F.R. § 264.143(f), 40 C.F.R. § 264.151(f), and 40 C.F.R. § 264.151(h)(1) relating to these methods, and will promptly provide any additional information requested by EPA from Respondent or corporate guarantor within seven (7) calendar days of its receipt of such request from EPA or the corporate guarantor.

4. For purposes of the corporate guarantee or the financial test described above, references in 40 C.F.R. § 264.143(f) to “the sum of current closure and post-closure costs and the current plugging and abandonment cost estimates” shall mean “the sum of all environmental remediation obligations, including, but not limited to, obligations under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended, 42 U.S.C. §§ 9601 et seq., RCRA, the Underground Injection Control Program promulgated pursuant to the Safe Drinking Water Act, 42 U.S.C. §§ 300f et seq., and the Toxic Substances Control Act, 42 U.S.C. §§ 2601, et seq., and any other federal or state environmental obligation guaranteed by such company or for which such company is otherwise financially obligated in addition to the Cost Estimate.

5. Respondent may combine more than one mechanism to demonstrate financial assurance for the Work required under Section VI of this Consent Order.

6. Respondent may satisfy its obligation to provide financial assurance for the Work required under Section VI herein by providing a third party who assumes full responsibility for said Work and otherwise satisfies the obligations of the financial assurance requirements of this Consent Order; however, Respondent shall remain responsible for providing financial assurance in the event such third party fails to do so and any financial assurance from a third party shall be in one of the forms provided in subparagraphs XIII.B.1.i. through vi. above.

7. If at any time EPA determines that a financial assurance mechanism provided pursuant to this Section XIII is inadequate, EPA shall notify Respondent in writing. If at any time Respondent becomes aware of information indicating that any financial assurance mechanism(s) provided pursuant to this Section XIII is inadequate, Respondent shall notify EPA in writing of such information within ten (10) days of Respondent's becoming aware of such information. Within ninety (90) days of receipt of notice of EPA's determination, or within ninety (90) days of Respondent's becoming aware of such information, Respondent shall establish and maintain adequate financial assurance for the benefit of the EPA which satisfies all requirements set forth in this Section. Any and all financial assurance documents provided pursuant to this Consent Order shall be submitted to EPA for review in draft form at least forty-five (45) days before they are due to be filed and shall be satisfactory in form and substance as determined by EPA.

8. Respondent's inability or failure to establish or maintain financial assurance for completion of the Work required under Section VI of this Consent Order shall in no way excuse performance of any other requirements of this Consent Order.

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

i. Reduction of Amount of Financial Assurance. If Respondent believes that the Cost Estimate has diminished below the amount covered by the existing financial assurance provided under this Consent Order, Respondent may, at the same time that Respondent submits its annual Cost Estimate, submit a written proposal to EPA for approval to reduce the amount of the financial assurance to equal the revised Cost Estimate.

ii. Change of Form of Financial Assurance. If Respondent desires to change the form or terms of financial assurance, Respondent may, at the same time that Respondent submits the annual Cost Estimate, submit a written proposal to EPA for approval to change the form of financial assurance. The written proposal shall specify all proposed instruments or other documents required in order to make the proposed financial assurance legally binding and shall satisfy all requirements set forth in this Section. Within thirty (30) days after receiving written approval of the proposed revised or alternative financial assurance, Respondent shall execute and/or otherwise finalize all instruments or other documents required in order to make the selected financial assurance legally binding. Respondent shall submit all executed and/or otherwise finalized instruments or other documents required in order to make the selected financial assurance legally binding to the Regional Administrator, U.S. Environmental Protection Agency, Region III, 1650 Arch Street, Philadelphia, Pennsylvania 19103-2029, with a copy to EPA's Project Coordinator, as provided in Section XII (NOTIFICATIONS) above.

10. Release of Financial Assurance. Respondent may submit a written request to the Director, Land and Chemicals Division that EPA release Respondent from the requirement to maintain financial assurance under this Section XIII upon receipt of

written notice from EPA pursuant to Section XXIV that, as set forth therein, the terms of this Consent Order have been satisfactorily completed. If said request is granted, the Director, Land and Chemicals Division shall notify both the Respondent and the provider(s) of the financial assurance that Respondent is released from all financial assurance obligations under this Consent Order.

#### **XIV. DELAY IN PERFORMANCE/STIPULATED PENALTIES**

A. Unless there has been a written modification of a compliance date by EPA, or excusable delay as defined below in Section XVI ( FORCE MAJEURE AND EXCUSABLE DELAY), in the event that Respondent fails to comply with any requirement set forth in this Consent Order, Respondent shall pay stipulated penalties, as set forth below, upon receipt of written demand by EPA. Compliance by Respondent shall include commencement or completion, as appropriate, of any activity, plan, study, or report required by this Consent Order in an acceptable manner and within the specified time schedules in and approved under this Consent Order. Stipulated penalties shall accrue as follows:

1. For failure to commence, perform or complete Work as prescribed in this Consent Order: \$1,250 per day for one to seven days or part thereof of noncompliance, and \$2,250 per day for each day of noncompliance, or part thereof, thereafter;
2. For failure to comply with the provisions of this Consent Order after receipt of notice of noncompliance by EPA: \$1,000 per day for one to seven days or part thereof of noncompliance, and \$2,000 per day for each day of noncompliance, or part thereof, thereafter; in addition to any stipulated penalties imposed for the underlying noncompliance;
3. For failure to submit deliverables as required by this Consent Order, or for failure to comply with this Consent Order not described in subparagraphs 1 and 2 above: \$500 per day for one to seven days or part thereof of noncompliance, and \$750 per day for each day of noncompliance, or part thereof, thereafter.

B. All penalties shall begin to accrue on the date that complete performance is due or a violation occurs, and shall continue to accrue through the final day of or correction of the violation. Nothing herein shall prevent the simultaneous accrual of separate stipulated penalties for separate violations of this Consent Order.

C. All penalties owed to EPA under this Section XIV shall be due within thirty (30) calendar days of receipt of a demand for payment unless Respondent invokes the dispute resolution procedures in Section XV, below. Such notification shall describe the noncompliance and shall indicate the amount of penalties due. Interest shall begin to accrue on the unpaid balance at the end of the thirty (30)-calendar day period and shall accrue at the United States Tax and Loan Rate.

D. All penalty payments shall be made by certified or cashier's check payable to the Treasurer of the United States of America and shall be remitted to:

U.S. Environmental Protection Agency  
Fines and Penalties  
Cincinnati Finance Office  
P.O. Box 979077  
St. Louis, MO 63197-9000

All payments shall reference the name of the Facility, Respondent's name and address, and the EPA Docket Number of this Consent Order. Copies of the transmittal of payment shall be sent simultaneously to the EPA Project Coordinator and the Regional Hearing Clerk (3RC00), U.S. Environmental Protection Agency, Region III, 1650 Arch Street, Philadelphia, Pennsylvania 19103-2029.

E. Respondent may dispute EPA's demand for payment of stipulated penalties for any alleged violation of this Consent Order by invoking the dispute resolution procedures below in Section XV (DISPUTE RESOLUTION). Stipulated penalties shall continue to accrue, but need not be paid, for any alleged noncompliance which is the subject of dispute resolution during the period of such dispute resolution. To the extent that Respondent does not prevail upon resolution of the dispute, Respondent shall remit to EPA within seven (7) calendar days of receipt of such resolution any outstanding penalty payment, including any accrued interest, in the manner described above in Paragraph D of this Section XIV. To the extent Respondent prevails upon resolution of the dispute, no penalties shall be payable.

F. Neither the filing of a petition to resolve a dispute nor the payment of penalties shall alter in any way Respondent's obligation to comply with the requirements of this Consent Order.

G. The stipulated penalties set forth in this Section XIV shall not preclude EPA from pursuing any other remedies or sanctions which may be available to EPA by reason of Respondent's failure to comply with any of the requirements of this Consent Order.

## **XV. DISPUTE RESOLUTION**

A. If Respondent disagrees, in whole or in part, with any EPA disapproval, modification or other decision or directive made by EPA pursuant to this Consent Order, Respondent shall notify EPA in writing of its objections, and the basis therefor, within fourteen (14) calendar days of receipt of EPA's disapproval, decision or directive. Such notice shall set forth the specific points of the dispute, the position which Respondent asserts should be adopted as consistent with the requirements of this Consent Order, the basis for Respondent's position, and any matters which it considers necessary for EPA's determination. EPA and Respondent shall have an additional fourteen (14) calendar days from the receipt by EPA of the notification

of objection, or such longer period of time that EPA may allow in its sole discretion not subject to dispute resolution , during which time representatives of EPA and Respondent may confer in person or by telephone to resolve any disagreement. If an agreement is reached, the resolution shall be written and signed by an authorized representative of each party. In the event that resolution is not reached within this fourteen (14) calendar day period, or such longer period of time that EPA may allow in its sole discretion not subject to dispute resolution , EPA will furnish to Respondent, in writing, its decision on the pending dispute.

B. The invocation of formal dispute resolution procedures under this Section XV shall not extend, postpone or affect in any way any obligation of Respondent under this Order unless EPA determines otherwise. Stipulated penalties with respect to the disputed matter shall continue to accrue but payment shall be stayed pending resolution of the dispute. Notwithstanding the stay of payment, stipulated penalties shall accrue from the first day of noncompliance with any applicable provision of this Order. In the event that Respondent does not prevail on the disputed issue, stipulated penalties shall be assessed and paid as provided in Section XIV (DELAY IN PERFORMANCE/STIPULATED PENALTIES).

C. Notwithstanding any other provisions of this Consent Order, no action or decision by EPA, including, without limitation, decisions of the Director of Land and Chemicals Division, Region III, pursuant to this Consent Order, shall constitute final agency action giving rise to any right to judicial review prior to EPA's initiation of judicial action to compel Respondent's compliance with this Consent Order.

## **XVI. FORCE MAJEURE AND EXCUSABLE DELAY**

A. Respondent shall perform the requirements of this Consent Order in the manner and within the time limits set forth herein, unless the performance is prevented or delayed by events which constitute a force majeure. Respondent shall have the burden of proving such a force majeure. A force majeure is defined as any event arising from causes not reasonably foreseeable and beyond the control of Respondent, which cannot be overcome by due diligence and which delays or prevents performance in the manner or by a date required by this Consent Order. Such events do not include increased costs of performance, changed economic circumstances, reasonably foreseeable weather conditions or weather conditions which could have been overcome by due diligence, or failure to obtain federal, state, or local permits unless applications for such permits were submitted in a timely and complete fashion and such permits were not issued, through no fault of Respondent.

B. Respondent shall notify EPA, in writing, within seven (7) calendar days after it becomes or should have become aware of any event which Respondent claims constitutes a force majeure. Such notice shall estimate the anticipated length of delay, including necessary demobilization and remobilization, its cause, measures taken or to be taken to prevent or minimize the delay, and an estimated timetable for implementation of these measures. Failure to comply with the notice provision of this Section XVI shall constitute a waiver of Respondent's right to assert a force majeure claim with respect to such event. In addition to the above

notification requirements, Respondent shall undertake all reasonable actions to prevent or to minimize any delay in achieving compliance with any requirement of this Consent Order after it becomes or should have become aware of any event which may delay such compliance.

C. If EPA determines that there is excusable delay because the failure to comply or delay has been or will be caused by a force majeure, the time for performance of that requirement of this Consent Order may be extended, upon EPA approval, for a period equal to the delay resulting from such force majeure. This shall be accomplished through an amendment to this Consent Order pursuant to Section XXII (SUBSEQUENT MODIFICATION). Such an extension shall not alter the schedule for performance or completion of any other tasks required by this Consent Order, unless these tasks are also specifically altered by amendment of the Consent Order. In the event that EPA and Respondent cannot agree that any delay or failure has been or will be caused by a force majeure, or if there is no agreement on the length of the extension, Respondent may invoke the dispute resolution procedures set forth in Section XV (DISPUTE RESOLUTION).

## **XVII. RESERVATION OF RIGHTS**

A. EPA expressly reserves all rights and defenses that it may have, including the right both to disapprove of work performed by Respondent pursuant to this Consent Order, to require that Respondent correct and/or perform any work disapproved by EPA, and to request that Respondent perform tasks in addition to those stated in the Scope(s) of Work, Work Plans, or other provisions of this Consent Order.

B. EPA hereby reserves all of its statutory and regulatory powers, authorities, rights and remedies, both legal and equitable, including any which may pertain to Respondent's failure to comply with any of the requirements of this Consent Order, including, without limitation, the assessment of penalties under Section 3008(h)(2) of RCRA, 42 U.S.C. § 6928(h)(2). This Consent Order shall not be construed as a covenant not to sue, or as a release, waiver or limitation of any rights, remedies, powers and/or authorities, civil or criminal, which EPA has under RCRA, CERCLA, or any other statutory, regulatory or common law authority.

C. Compliance by Respondent with the terms of this Consent Order shall not relieve Respondent of its obligations to comply with RCRA or any other applicable local, state, or federal laws and regulations.

D. The signing of this Consent Order and Respondent's consent to comply shall not limit or otherwise preclude EPA from taking additional enforcement action pursuant to RCRA, including but not limited to Sections 3008(a) or (h) of RCRA, 42 U.S.C. §§ 6928(a) or (h), or any other authority, should EPA determine that such action is warranted.

E. This Consent Order is not intended to be, nor shall it be construed as, a permit. This Consent Order does not relieve Respondent of any obligation to obtain and comply with any local, state, or federal permit or approval.



F. EPA reserves the right to perform any portion of the work consented to herein or any additional site characterization, feasibility study, and response/corrective actions it deems necessary to protect public health or welfare or the environment. EPA may exercise its authority under RCRA, CERCLA or any other authority to undertake or require the performance of response actions at any time. EPA reserves the right to seek reimbursement from Respondent for costs incurred by the United States in connection with any such response actions. Notwithstanding compliance with the terms of this Consent Order, Respondent is not released from liability, if any, for the costs of any response actions taken by EPA.

G. EPA reserves whatever rights it may have under CERCLA or any other law, or in equity, to recover from Respondent any costs incurred by EPA in overseeing the implementation of this Consent Order.

### **XVIII. OTHER CLAIMS**

Nothing in this Consent Order shall constitute or be construed as a release from any claim, cause of action or demand in law or equity against any person, firm, partnership, or corporation, or other entity for any liability it may have arising out of or relating in any way to the generation, storage, treatment, handling, transportation, release, or disposal of any hazardous constituents, hazardous substances, hazardous wastes, solid wastes, pollutants, or contaminants found at, taken to, or taken from the Facility.

### **XIX. OTHER APPLICABLE LAWS**

All actions required to be taken pursuant to this Consent Order shall be undertaken in accordance with the requirements of all applicable local, state, and federal laws and regulations. Respondent shall obtain or require its authorized representatives to obtain all permits and approvals necessary under such laws and regulations.

### **XX. INDEMNIFICATION OF THE UNITED STATES GOVERNMENT**

Respondent agrees to indemnify and save and hold harmless the United States Government, its agencies, departments, agents, and employees, from any and all claims or causes of action arising from or on account of acts or omissions of Respondent or its agents, independent contractors, receivers, trustees, and assigns in carrying out activities required by this Consent Order. This indemnification shall not be construed in any way as affecting or limiting the rights or obligations of Respondent or the United States under their various contracts. The United States shall not be deemed to be a party to any contract entered into by Respondent for the purpose of carrying out any activities required by this Consent Order.

## **XXI. NOTICE OF NON-LIABILITY OF EPA**

EPA shall not be deemed a party to any contract involving Respondent and relating to activities at the Facility and shall not be liable for any claim or cause of action arising from or on account of any act, or the omission of Respondent, its officers, employees, contractors, receivers, trustees, agents or assigns, in carrying out the activities required by this Consent Order.

## **XXII. SUBSEQUENT MODIFICATION**

A. Except as provided in Paragraph C of this Section XXII, below, this Consent Order may be amended only by mutual agreement of EPA and Respondent. Any such amendment shall be in writing, shall be signed by an authorized representative of each party, shall have as its effective date the date on which it is signed by EPA, and shall be incorporated into this Consent Order.

B. Any reports, plans, specifications, schedules, other submissions, and attachments required by this Consent Order are, upon written approval by EPA, incorporated into this Consent Order. Any noncompliance with such EPA-approved reports, plans, specifications, schedules, other submissions, and attachments shall be considered a violation of this Consent Order and shall subject Respondent to the stipulated penalty provisions included in Section XIV (DELAY IN PERFORMANCE/STIPULATED PENALTIES).

C. Minor modifications in the studies, techniques, procedures, designs, or schedules utilized in carrying out this Consent Order and necessary for the completion of the project may be made by written agreement of the Project Coordinators. Such modifications shall have as an effective date the date on which the agreement is signed by the EPA Project Coordinator.

D. No informal advice, guidance, suggestions, or comments by EPA regarding reports, plans, specifications, schedules, and any other writing submitted by Respondent shall be construed as relieving Respondent of its obligation to obtain written approval, if and when required by this Consent Order.

## **XXIII. SEVERABILITY**

If any provision or authority of this Consent Order or the application of this Consent Order to any party or circumstance is held by any judicial or administrative authority to be invalid, the application of such provision to other parties or circumstances and the remainder of this Consent Order shall not be affected thereby and shall remain in full force.

#### **XXIV. TERMINATION AND SATISFACTION**

The provisions of this Consent Order shall be deemed satisfied upon Respondent's receipt of written notice from EPA that Respondent has demonstrated, to the satisfaction of EPA, that the terms of this Consent Order, including any additional tasks determined by EPA to be required pursuant to this Consent Order, have been satisfactorily completed. This notice shall not, however, terminate Respondent's obligation to comply with any continuing obligations hereunder including, but not limited to, Sections X (RECORD PRESERVATION), XVII (RESERVATION OF RIGHTS), XVIII (OTHER CLAIMS), XIX (OTHER APPLICABLE LAWS), and XX (INDEMNIFICATION OF THE UNITED STATES GOVERNMENT).

#### **XXV. SURVIVABILITY/PERMIT INTEGRATION**

A. Subsequent to the issuance of this Consent Order, a RCRA permit may be issued to the Facility incorporating the requirements of this Consent Order by reference into the permit.

B. No requirement of this Consent Order shall terminate upon the issuance of a RCRA permit unless such requirement is expressly replaced by a requirement in the permit.

#### **XXVI. ATTORNEYS' FEES**

The Respondent shall bear its own costs and attorneys fees.

#### **XXVII. EFFECTIVE DATE/WAIVER OF HEARING**

The Effective Date of this Consent Order shall be the date on which a true and correct copy of this Consent Order is received by Respondent. Because this Consent Order was entered with the consent of both parties, Respondent waives its right to request a public hearing pursuant to Section 3008(b) of RCRA, 42 U.S.C. § 6928(b), and 40 C.F.R. Part 24.


**XXVIII. TERMINATION OF 1996 UNILATERAL  
ADMINISTRATIVE ORDER**

On September 16, 1996, EPA Region III issued a Unilateral Administrative Order to Weirton Steel Corporation (Docket No. RCRA-3-083CA) for certain work now addressed by this Consent Order and a Consent Order to be issued to Mingo Junction Steel Works, LLC. Upon the Effective Date of this Consent Order and the Mingo Junction Steel Works, LLC Consent Order, EPA will deem the terms of the 1996 UAO to be satisfactorily completed and the 1996 UAO will be terminated in accordance with Section XXIII (TERMINATION AND SATISFACTION) of the 1996 UAO.

IT IS SO AGREED AND ORDERED:

DATE: 9.26.18

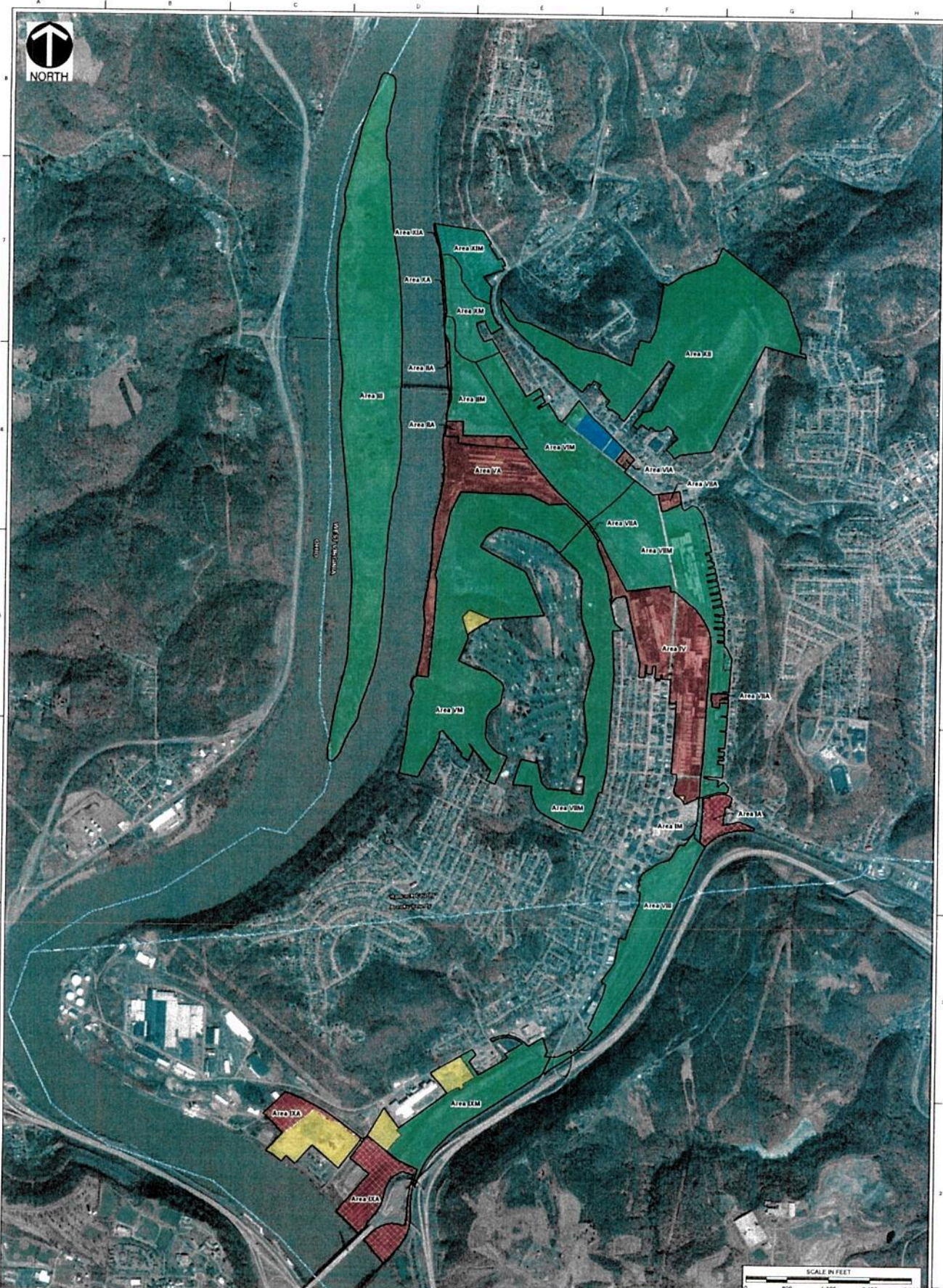
BY:

  
\_\_\_\_\_  
JOHN ARMSTEAD  
DIRECTOR  
LAND AND CHEMICALS DIVISION  
UNITED STATES ENVIRONMENTAL  
PROTECTION AGENCY, REGION III

DATE: 9/24/18

BY:

  
\_\_\_\_\_  
ArcelorMittal Weirton LLC  
Name: Keith Nagel  
Title: Director, Environmental Affairs &  
Real Estate



**LEGEND**

- RCRA CORRECTIVE ACTION AREA (CAA) BOUNDARY
- - - CAA SUBDIVISION BOUNDARY
- R/FI COMPLETED AND NO CMS REQUIRED
- PROPERTY SOLD IN 2004/2005
- PROPERTY OWNED BY ARCELORMITTAL
- PROPERTY OWNED BY WINGO JUNCTION STEEL WORKS, LLC (MJSW)
- PROPERTY OWNED BY BUSINESS DEVELOPMENT CORPORATION OF THE NORTHERN PANHANDLE
- COUNTY/STATE BOUNDARY

**NOTE:**  
 BECAUSE THE BOUNDARIES OF THE PROPERTIES ACQUIRED BY MJSW DID NOT ALIGN WITH THE CORRECTIVE ACTION AREA (CAA) BOUNDARIES, SEVERAL OF THE CAAS ARE NOW PARTIALLY OWNED BY ARCELORMITTAL AND PARTIALLY OWNED BY MJSW. FOR THOSE AREAS, AN "X" SUFFIX HAS BEEN ADDED TO THE CAA DESIGNATIONS FOR PROPERTY OWNED BY ARCELORMITTAL AND A "M" SUFFIX HAS BEEN ADDED TO THE CAA DESIGNATIONS FOR PROPERTY OWNED BY MJSW. ALL CAAS OWNED ENTIRELY BY ONE ENTITY RETAIN THEIR PRIOR CAA DESIGNATION.

**REFERENCE**  
 ESRI WORLD IMAGERY / ARCGIS MAP SERVICE  
 HTTP://GOTO.ARCGISONLINE.COM/MAPS/WORLD\_IMAGERY  
 ACCESSED 7/3/2018, IMAGERY DATE 2016

**CEC**  
 Civil & Environmental Consultants, Inc.  
 4000 Thurgood Lane, Suite 300 - Export, PA 15632  
 PH: 724.327.6200 • FAX: 724.327.3610  
 WWW.CECINC.COM

**ARCELORMITTAL - WEIRTON PLANT  
 WEIRTON, WEST VIRGINIA  
 BROOKE AND HANCOCK COUNTIES**

DESIGNED BY	CEC	APPROVED BY	J. G. [Signature]	DATE	8/28/2018
DRAWN BY	CEC	PROJECT NO.	11" x 8 1/2"	DATE	8/28/2018
CHECKED BY	CEC	SCALE	AS SHOWN	DATE	8/28/2018

**FORMER WEIRTON  
 FACILITY BOUNDARY**

**A-1**

I:\Projects\20180824\_2018\_CAA\_Map\_Rev001.dwg (7/20/18 5:34 PM) (jganderson)



NORTH

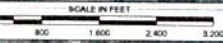


**LEGEND**

- RORA CORRECTIVE ACTION AREA (CAA) BOUNDARY
- RFI AND CMS COMPLETED
- RFI COMPLETED AND NO CMS REQUIRED
- PROPERTY OWNED BY ARCELORMITTAL
- PROPERTY SOLD IN 2004/2005
- COUNTY/STATE BOUNDARY

**NOTE:**  
 AS A RESULT OF THE JANUARY 31, 2017 SALE OF A PORTION OF THE FORMER WEIRTON STEEL FACILITY FROM ARCELORMITTAL WEIRTON LLC TO MINGO JUNCTION STEEL WORKS, LLC. SOME OF THE PREVIOUSLY DESIGNATED CORRECTIVE ACTION AREAS (CAAs) WERE SPLIT INTO TWO PARTS. FOR THOSE SPLIT AREAS, AN 'X' SUFFIX HAS BEEN ADDED TO THE CAA DESIGNATION FOR PROPERTY OWNED BY ARCELORMITTAL WEIRTON. ALL CAAs OWNED ENTIRELY BY ARCELORMITTAL WEIRTON RETAINED THEIR PRIOR CAA DESIGNATIONS.

**REFERENCE**  
 ESRI WORLD IMAGERY / ARCGIS MAP SERVICE  
 HTTP://GOTO.ARCGISONLINE.COM/APP/WORLD\_IMAGERY.  
 ACCESSED 7/3/2018, IMAGERY DATE 2018



**CED**  
**Civil & Environmental Consultants, Inc.**  
 8000 Triangle Lane, Suite 300 - E. Greer, PA 15032  
 PH: 724-327-0200 - 800-809-3610  
 WWW.CEDCONS.COM

**ARCELORMITTAL - WEIRTON PLANT**  
**WEIRTON, WEST VIRGINIA**  
**BROOKE AND HANCOCK COUNTIES**

Drawn By:	CBL	Checked By:	NEM	Approved By:	DMDP
Date:	5/30/2018	Scale:	1" = 800'	Project No.:	890-342-0018
<b>CURRENT FACILITY</b>					<b>A-2</b>
<b>SUBJECT TO THIS ORDER</b>					

C:\Users\gpc\Documents\20180518\_01\_01080518\_01\_CAA\_Boundaries\_Rev\_20180518.rvt 7/3/2018 4:12 PM (gpc\hmc)

## **Attachment B**

### **Status of Documents Submitted to USEPA under 1996 Unilateral Administrative Order<sup>1</sup>**

#### **1. Approved Documents**

The documents listed below have been approved by USEPA under the terms of the 1996 Unilateral Administrative Order.

- Final Corrective Measures Study for Corrective Action Area XI
- RCRA Facility Investigation Report for Corrective Action Area I (C&E Outfall Area)
- RCRA Facility Investigation Report for Corrective Action Area II (Mainland Coke Plant)
- RCRA Facility Investigation Report for Corrective Action Area XI (Former BOC/Air Products Area)
- Interim Summary Report of Findings for Parcels B-11 and B19 in Corrective Action Area IX (Former Standard Lafarge Slag Processing Area)
- RCRA Facility Wide RFI Work Plan (Revised June 1999), including:
  - RCRA Facility Investigation Work Plan for Corrective Action Area I (C&E Outfall Area)
  - RCRA Facility Investigation Work Plan for Corrective Action Area II (Mainland Coke Plant)
- RCRA Facility Investigation Work Plan for Corrective Action Area III (Browns Island)
- RCRA Facility Investigation Work Plan for Corrective Action Area VI (Iron-making Area) and VII (Steel-making Area)
- RCRA Facility Investigation Work Plan for Corrective Action Area X (Former IMS Slag Processing Area)

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<sup>1</sup> This list does not include any documents related to the Interim Measures implemented at the Facility between 1998 and 2007, including Interim Measures conducted at the Detinning Plant, Oil House, Walnut Street Fueling Station, Brown Island Blue Soil, Browns Island Lagoon Soils, Browns Island Coke Oven Vent Pipes, Browns Island Tar Decanter, C&E Outfall Sumps, and Yard Office.

- RCRA Facility Investigation Work Plan for Corrective Action Area VIII (Walnut Street Junction Railyard Area) and IX (Former Standard LaFarge Slag Processing Area)
- RCRA Facility Investigation Work Plan for Corrective Action Area XI (Former BOC/Air Products Area)

**2. Most Recently Submitted Documents for Ongoing Investigations**

Several Corrective Action Areas have ongoing RCRA facility investigations. The most recently submitted documents for those Corrective Action Areas, some of which have not yet been reviewed by USEPA, are listed below:

- Draft RCRA Facility Investigation Report for Corrective Action Area III (Browns Island)
- Preliminary RCRA Facility Investigation Report for Corrective Action Area VI/VII (Iron-making/Steel-making)
- Preliminary RCRA Facility Investigation Report for Corrective Action Area VIII/IX
- Draft RCRA Facility Investigation Report for Corrective Action Area X (Former IMS Slag Progressing Area)



ATTACHMENT C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 ARCH STREET  
PHILADELPHIA, PENNSYLVANIA 19103-2029

IN THE MATTER OF: )  
)  
Mingo Junction Steel Works, LLC ) ADMINISTRATIVE ORDER  
500 Seneca Street -Suite 504 ) ON CONSENT  
Buffalo, New York 1420 )  
)  
) DOCKET NO.  
Regarding the former )  
Weirton Steel facility located at: ) RCRA-03-2018- 0144CA  
)  
Main Street )  
Weirton, West Virginia 26062 )  
) Proceeding under Section  
RESPONDENT ) 3008(h) of the Resource  
) Conservation and Recovery  
) Act, as amended, 42 U.S.C.  
) Section 6928(h)

## ADMINISTRATIVE ORDER ON CONSENT

The parties to this Administrative Order on Consent (Consent Order or Order), the United States Environmental Protection Agency (EPA) and Mingo Junction Steel Works, LLC (MJSW or Respondent), having agreed to entry of this Consent Order, it is therefore Ordered and Agreed that:

### I. JURISDICTION

A. This Consent Order is issued pursuant to the authority vested in the Administrator of the United States Environmental Protection Agency by Section 3008(h) of the Resource Conservation and Recovery Act of 1976, as amended by the Hazardous and Solid Waste Amendments of 1984 (collectively referred to hereinafter as RCRA), 42 U.S.C. § 6928(h). The authority vested in the Administrator has been delegated to the Director of the Land and Chemicals Division by EPA Delegation No. 8-32 dated June 21, 2004.

B. On May 29, 1986, EPA granted the State of West Virginia (the State) authorization to operate a hazardous waste program in lieu of the federal program, pursuant to Section 3006(b) of RCRA, 42 U.S.C. Section 6926(b). EPA has also subsequently authorized additional revisions to the State's authorized program. The State, however, does not have authority to enforce Section 3008(h) of RCRA. The State of West Virginia has been given notice of the issuance of this Order.

C. This Consent Order is issued to Respondent, the owner and/or operator of a facility located at 1244, 1810, 1816, 1822, 1830, 1836, and 1838 Main Street, Weirton, West Virginia 26062 (the Facility) which is part of the former Weirton Steel facility as also defined in Section IV.C, below, and depicted in Attachment A to this Consent Order and made a part thereof.

D. Respondent consents to issuance of this Consent Order, agrees to comply with its terms and will not contest EPA's authority to issue this Consent Order and to enforce its terms. Further, Respondent will not contest EPA's jurisdiction to: compel compliance with this Consent Order in any subsequent enforcement proceeding, either administrative or judicial; require Respondent's compliance with the terms of this Consent Order; or impose sanctions for violations of this Consent Order.

### II. PARTIES BOUND

A. This Consent Order shall apply to and be binding upon EPA, Respondent and their agents, successors and assigns.

B. No change in ownership of any property covered by this Consent Order, or in the corporate or partnership status of Respondent, shall in any way alter, diminish, or otherwise affect Respondent's obligations and responsibilities under this Consent Order.

C. Respondent shall provide a copy of this Consent Order to all supervisory personnel, contractors, subcontractors, laboratories, and consultants retained to conduct and/or monitor any portion of the work performed pursuant to this Consent Order and shall do so within thirty (30) calendar days of the effective date of this Consent Order or date of such retention, whichever is later. All contracts, agreements or other arrangements with such persons shall require such persons to conduct and/or monitor the work in accordance with the requirements of this Consent Order. Notwithstanding the terms of any such contract, agreement or arrangement, Respondent is responsible for complying with this Consent Order and for ensuring that all such persons perform such work in accordance with this Consent Order.

D. In the event of any change in ownership or operation of the Facility and/or in the event of any change in majority ownership or control of the Respondent, Respondent shall notify EPA in writing of the nature of any such change no later than fifteen (15) calendar days after the effective date of such change. In addition, Respondent shall provide a copy of this Consent Order to any successor to the Respondent and/or to the Facility at least fifteen (15) calendar days prior to the effective date of such change.

### **III. STATEMENT OF PURPOSE**

In entering into this Consent Order, the mutual objectives of EPA and Respondent are to 1) perform a RCRA Facility Investigation (RFI) to determine fully the nature and extent of any release of hazardous waste and/or hazardous constituents at or from the Facility; 2) perform a Corrective Measures Study (CMS) to identify and evaluate alternatives for corrective action necessary to prevent or mitigate migration or releases of solid wastes or hazardous wastes and/or hazardous constituents at or from the Facility; 3) implement corrective measures, if any are selected by EPA in Final Decision(s) and Response to Comments (FDRTC(s)), necessary to protect human health and the environment; and 4) perform Interim Measures (IM) as necessary, to prevent or mitigate threats to human health or the environment.

### **IV. FINDINGS OF FACT**

Respondent neither admits nor denies the following Findings of Fact.

A. Respondent is a corporation and is a person as defined in Section 1004(15) of RCRA, 42 U.S.C. § 6903(15).

B. Respondent is the owner and/or operator of the Facility.

C. The Facility is part of the former Weirton Steel facility which was a facility authorized to operate under Section 3005(e) of RCRA, 42 U.S.C. § 6925(e), for purposes of Section 3008(h) of RCRA, 42 U.S.C. § 6928(h).

D. From approximately 1908 through the 1984, the former Weirton Steel facility was operated as a totally integrated steel mill that produced hot rolled steel, cold rolled steel, tin mill products, galvanized products and other coated flat rolled products. Currently Respondent is engaged in demolition and scrapping activities at the Facility.. The portion of the former Weirton Steel facility currently owned and/or operated by Respondent occupies approximately 1,110 acres of property (see Attachment A).

E. Results of sampling conducted by ArcelorMittal Weirton LLC (ArcelorMittal) at the Facility in March 1994, September 1994, and March 1995 show that benzene, arsenic, cadmium, chromium and lead are present in groundwater at levels above their respective Maximum Contaminant Levels (MCLs) promulgated pursuant to Section 1412 of the Safe Drinking Water Act, 42 U.S.C. §§ 300g-1, and codified/promulgated at 40 C.F.R. Part 141.

F. Based on the findings above, EPA has determined that there are potential adverse environmental or human health impacts associated with the hazardous wastes which are present at or released at or from the Facility.

G. On September 16, 1996, EPA issued a Unilateral Administrative Order to Weirton Steel Corporation (Docket No. RCRA-3-083CA) (1996 UAO) for certain work now addressed by this Order.

H. Subsequent to the issuance of the 1996 UAO, ArcelorMittal became the owner of the former Weirton Steel facility. On January 31, 2017, ArcelorMittal conveyed a portion of the former Weirton Steel facility to Respondent. On February 14, 2017, MJSW conveyed the "Central Machine Shop" area of the Facility to Business Development Corporation of the Northern Panhandle. Respondent and the Business Development Corporation of the Northern Panhandle are now the owners of the Facility, as shown in Attachment A.

I. Pursuant to the terms of the 1996 UAO, various plans and reports were submitted to and/or approved by EPA (Submitted Documents).

J. Submitted Documents include, but are not limited to, those listed in Attachment B. The EPA Approved Documents identified in Attachment B apply to the Corrective Action Area(s) (CAA) that were defined in the EPA approved RFI Workplan(s) submitted to EPA pursuant to the 1996 UAO. Respondent shall inform EPA how it intends to use any previously approved Work to fulfill its obligations under this Order taking into account any subdivisions that occurred subsequent to the 1996 UAO.

## **V. CONCLUSIONS OF LAW AND DETERMINATIONS**

EPA hereby determines that there is or has been a release of hazardous waste within the

meaning of 3008(h) of RCRA, 42 U.S.C. § 6928(h), into the environment from the Facility and that the corrective action and/or other response measures required by this Consent Order are necessary to protect human health or the environment.

## **VI. WORK TO BE PERFORMED**

EPA acknowledges that Respondent has completed some of the tasks required by this Consent Order and that Respondent has available some of the information and data required by this Consent Order. To the extent that this previous work has been performed by Respondent and approved by EPA, it may be used to meet the requirements of this Consent Order, upon written approval by EPA.

Respondent acknowledges that ArcelorMittal will be required to perform work on the Facility Property in order to comply with a related Order entered into by EPA and ArcelorMittal (Docket No. RCRA-03-2018-0143CA). Respondent is required to cooperate with ArcelorMittal to allow ArcelorMittal to comply with its Order (Attachment C).

Pursuant to Section 3008(h) of RCRA, 42 U.S.C. § 6928(h), Respondent agrees to and is hereby ordered to implement the following work in the time and manner specified herein. All work undertaken pursuant to this Consent Order shall be developed and performed, as appropriate and approved by EPA, in accordance with: the Scope of Work for a RCRA Facility Investigation (RFI), the Scope of Work for a Corrective Measures Study (CMS), the Scope of Work for Corrective Measures Implementation, the Scope of Work for Interim Measures, the Scope of Work for Health and Safety Plan; and RCRA, its implementing regulations and relevant EPA guidance documents. EPA's Scopes of Work and relevant guidance are available at:

<https://www.epa.gov/hwcorrectiveactionsites/corrective-action-resources-specific-epas-region-3> and are incorporated herein by reference.

Days as used herein shall mean calendar days unless otherwise specified. Respondent may request reasonable extensions of time for the submission of the Work required under Section VI, which may be granted at the sole discretion of EPA.

Work as used herein shall mean all activities and obligations that Respondent is required to perform under this Order. Respondent may perform the work pursuant to, in furtherance of, and/or in satisfaction of any and all requirements of this Consent Order in phases or on a parcel by parcel basis. The parties further agree that Respondent shall propose the boundaries of the individual parcel(s) required to be addressed pursuant to this Consent Order.

### **A. RCRA FACILITY INVESTIGATION ("RFI")**

1. Within sixty (60) calendar days of the Effective Date of this Consent Order, Respondent shall submit to EPA for approval a description of the conditions at the Facility (Description). This Description shall be developed in accordance with the RFI Scope of Work. Upon receipt of a written request from Respondent, EPA may, in its sole discretion not subject to dispute resolution, waive the requirement for Respondent to submit the Description.

2. Within sixty (60) calendar days of the Effective Date of this Consent Order, Respondent shall submit to EPA, for approval, a Workplan for a RCRA Facility Investigation (RFI Workplan). The RFI Workplan shall be developed in accordance with, at a minimum, the RFI Scope of Work, RCRA, its applicable implementing regulations, and relevant EPA guidance documents.

3. The RFI Workplan shall be designed to determine the presence, magnitude, extent, direction, and rate of movement of any, hazardous wastes and/or hazardous constituents from Respondent's manufacture of printed circuit boards at or from the Facility. The RFI Workplan shall document the procedures Respondent shall use to conduct those investigations necessary to: (A) characterize the potential pathways of contaminant migration; (B) characterize the source(s) of contamination; (C) define the degree and extent of contamination; (D) identify actual or potential human and/or ecological receptors; (E) support the development of alternatives from which a corrective measure(s) will be selected by EPA; and (F) evaluate the effectiveness of the existing pump and treat system and submit a proposal to modify the system as appropriate. A specific schedule for expeditious implementation of all activities shall be included in the RFI Workplan.

4. In accordance with the provisions of the RFI Scope of Work the RFI Workplan shall include: (A) a Project Management Plan; (B) a Data Collection Quality Assurance Plan; (C) a Data Management Plan; (D) a Community Relations Plan; and (E) shall provide for the submission of a draft and final RFI report.

5. Upon receipt of EPA approval of the RFI Workplan, Respondent shall implement the EPA-approved RFI Workplan in accordance with the terms and schedules contained therein. Upon completion of implementation of the RFI Workplan, Respondent shall submit to EPA for approval draft and final RFI Report(s) and draft and final Laboratory and Bench Scale Studies Report(s) in accordance with the requirements and schedule contained in the RFI Workplan.

#### B. CORRECTIVE MEASURES STUDY ("CMS")

1. Within ninety (90) calendar days of receipt of EPA approval of the Final RFI Report, Respondent shall submit to EPA for approval a Draft CMS Report(s) in

accordance with the CMS Scope of Work.

2. Within thirty (30) calendar days of receipt of EPA's comments on the Draft CMS Report, Respondent shall submit to EPA the Final CMS Report, revised to respond to all comments received from and/or remedy all deficiencies identified by EPA on the Draft CMS Report.

### C. PUBLIC COMMENT AND PARTICIPATION

1. After approval of the Final CMS Report, EPA will make both the Final RFI Report and the Final CMS Report, a description of EPA's proposed Corrective Measures, if any, and EPA's justification for proposing selection of such Corrective Measures (the "Statement of Basis") available to the public for review and comment for at least thirty (30) calendar days.

2. Following the public review and comment period, EPA will issue a Final Decision and Response to Comments (FDRTC), in which it will identify the Corrective Measure(s), if any are so selected. If on the basis of public comments or other relevant information, significant changes are proposed to be made to the corrective measures identified by EPA in the Statement of Basis, EPA may seek additional public comment.

3. Upon issuance of the FDRTC, the FDRTC shall be incorporated into this Consent Order and become a part hereof.

### D. CORRECTIVE MEASURE(S) IMPLEMENTATION

1. Corrective Measure Workplan and Design

a. Within ninety (90) days of the issuance of the FDRTC, Respondent shall submit to EPA a Corrective Measures Implementation (CMI) Workplan for implementation of the Corrective Measures if any were selected in the FDRTC. The CMI Workplan is subject to approval by EPA and shall be developed in accordance with the Scope of Work for CMI.

b. Respondent shall include, as part of the CMI Workplan, an Institutional Controls Implementation and Assurance Plan (IC Plan). The IC Plan will establish, document, and report the methods that will be used to implement and monitor compliance with the land and/or groundwater use restrictions, if any, and ensure that they remain in place and effective and run with the land as appropriate.

c. Upon receipt by Respondent of EPA's approval of the CMI Workplan, said Workplan shall be incorporated into and become enforceable under this Consent Order, and Respondent shall implement it in accordance with the schedules and provisions contained therein.



d. Within ninety (90) calendar days of receipt of EPA approval of the CMI Work Plan, Respondent shall submit to EPA, for review and comment, a 30% CMI Design Report (with a list of plans and specifications) which shall be developed in accordance with the Scope of Work for CMI.

e. Within sixty (60) calendar days of receipt of EPA's comments on the 30% CMI Design Report, Respondent shall incorporate those comments and submit to EPA for approval a 90% CMI Design Report (with complete plans and specifications). The 90% CMI Design Report shall be developed in accordance with the Scope of Work for CMI.

f. Upon receipt by Respondent of EPA's approval of the 90% CMI Design Report, said Report shall be incorporated into and become enforceable under this Consent Order, and Respondent shall implement it in accordance with the schedules and provisions contained therein.

## 2. Corrective Measure Construction

a. For all corrective measures selected in a FDRTC that require construction, Respondent shall commence and complete construction of such Corrective Measures selected in the RCRA FDRTC in accordance with the CMI Scope of Work, the schedules and specifications set forth in the EPA-approved CMI Workplan and the EPA-approved CMI Design Report.

b. Within forty five (45) calendar days of completion of construction of the Corrective Measures selected by EPA in the FDRTC, Respondent shall submit to EPA for approval a CMI Report. The CMI Report shall be developed in accordance with CMI Scope of Work and shall describe activities performed during construction, and provide a preliminary assessment of CMI performance.

c. EPA shall determine, on the basis of the CMI Report and any other relevant information, whether the constructed project is consistent with the EPA-approved CMI Design Report. If EPA determines that the constructed project is consistent with the EPA-approved CMI Design Report and that the Corrective Measures have achieved or are achieving all of the requirements set forth in the FDRTC and the performance criteria established in the CMI Design Report, EPA shall approve the CMI Report.

d. If EPA determines that the constructed project is inconsistent with the EPA-approved CMI Design Report and/or that the Corrective Measures have not achieved or are not achieving all of the requirements set forth in the FDRTC and the performance criteria established in the CMI Design Report, EPA shall notify Respondent in writing of those activities that must be undertaken to complete the corrective measures requirements and shall set forth a schedule for the completion of those activities. Respondent shall complete the activities in accordance with the schedule set forth in the EPA notification.

e. Respondent may, at any time following EPA approval of all pre-design activities

required by the FDRTC as it pertains to the Facility, request that EPA select, for the purpose of this Consent Order, Alternative and/or Supplemental Corrective Measures, subject to EPA's review and approval.

### 3. Corrective Measures Assessment Reports

a. Within ninety (90) days after approval of the CMI Report pursuant to paragraph VI.D.2.c or d, Respondent shall submit a CMI Assessment Report for EPA approval. The CMI Assessment Report shall provide an evaluation of the Corrective Measures' effectiveness in achieving the requirements set forth in the FDRTC and the performance criteria established in the CMI Design Report.

b. If based on the CMI Assessment Report or any other information, EPA determines that the Corrective Measures are not achieving the requirements set forth in the FDRTC, EPA shall notify Respondent in writing of those activities that must be undertaken to meet the objectives of the Corrective Measures and shall set forth a schedule for the completion of those activities. Respondent shall complete the activities in accordance with the schedule set forth in the EPA notification.

c. No later than five years after the submission of the CMI Assessment Report and every five (5) years thereafter until Respondent's receipt of written notice from EPA that Respondent has demonstrated, to the satisfaction of EPA, that the terms of this Consent Order, including any additional tasks determined by EPA to be required pursuant to this Consent Order, have been satisfactorily completed, Respondent shall submit a CMI Five-Year Assessment Report. Such Report shall contain an evaluation of the past and projected future effectiveness of the Corrective Measures in achieving the requirements set forth in the FDRTC and the performance criteria established in the CMI Design Report.

d. Respondent may, as part of a CMI Five-Year Assessment Report, request that EPA select an Alternative and/or Supplemental Corrective Measures.

e. In the event EPA selects an Alternative and/or Supplemental Corrective Measure(s) either in response to a request by Respondent pursuant to Section VI.D.3.d, above, or on its own initiative, EPA may provide Respondent with a period of at least sixty (60) calendar days from the date Respondent receives written notice from EPA of the selection of an Alternative and/or Supplemental Corrective Measures within which to reach an agreement with EPA regarding performance of the Alternative and/or Supplemental Corrective Measures in lieu of, or in addition to, the Corrective Measures described in paragraph VI.C.2. Any such agreement between EPA and Respondent shall be incorporated into and become enforceable under this Consent Order and Respondent shall implement the activities required under any such agreement in accordance with any schedule and provisions contained therein.

f. Nothing in paragraph VI.D.3.e., above, shall limit EPA's authority to implement or require performance of Alternative and/or Supplemental Corrective Measure(s) or to take any

other appropriate action under RCRA, 42 U.S.C. §§ 6901 et seq., the Comprehensive Environmental Response, Compensation and Liability Act, as amended, 42 U.S.C. §§ 9601 et seq. (CERCLA), or any other legal authority, including the issuance of a unilateral administrative order or the filing of a civil action.

#### 4. Completion of Corrective Measures

a. After Respondent has determined that the Corrective Measures in a FDRTC have been fully implemented in accordance with the EPA-approved CMI Design Report, Respondent shall notify EPA in writing and request EPA's approval to discontinue such Corrective Measures. The request shall explain the basis for Respondent's conclusion and include all available documentation supporting such conclusion.

b. Upon receipt of EPA's approval of Respondent's request to discontinue Corrective Measures, Respondent may discontinue such Corrective Measures, except that Respondent shall continue to monitor the groundwater in accordance with the EPA-approved CMI Design Report (including the Sampling and Analysis Plan and Operations and Maintenance Plan), if applicable. Respondent shall submit the results of such post-construction monitoring with the Quarterly Progress Reports in accordance with Section VI.F.3 of this Consent Order.

c. If at any time during the post-construction monitoring program, EPA determines that the level of any hazardous constituent and/or hazardous waste in the groundwater has increased above the media cleanup standards set forth in a FDRTC for such hazardous constituent and/or hazardous waste, EPA may determine if Alternative and/or Supplemental Corrective Measures need to be initiated to achieve the established media cleanup standards. EPA shall notify Respondent in writing of any such determination. Any decision by EPA to require Alternative and/or Supplemental Corrective Measures shall be made pursuant to applicable EPA regulations and consistent with EPA guidance regarding selection of corrective measures under RCRA.

d. If after the post-construction monitoring program is completed to EPA's satisfaction, the media cleanup standards set forth in a FDRTC have been maintained and all other aspects of Corrective Measures Construction and O&M have been completed, Respondent shall submit a Certification of Completion for such corrective measures ("Certification of Completion") to EPA for approval in accordance with Section VI.F. of this Consent Order. The Certification of Completion shall provide documentation sufficient to support a determination that media cleanup standards set forth in the FDRTC have been maintained and include all available documentation supporting such a determination.

#### E. INTERIM MEASURES (IM)

1. Commencing on the Effective Date of this Consent Order and continuing thereafter, in the event Respondent identifies an immediate or potential threat to human health and/or the environment at the Facility, or discovers new releases of hazardous waste and/or hazardous constituents at or from the Facility not previously identified, Respondent shall notify the EPA Project Coordinator orally within forty eight (48) hours of discovery and notify EPA in writing

within three (3) calendar days of such discovery summarizing the immediacy and magnitude of the potential threat(s) to human health or the environment. Upon written request of EPA, Respondent shall submit to EPA for approval an IM Work Plan in accordance with the IM Scope of Work. If EPA determines that immediate action is required, the EPA Project Coordinator may orally authorize Respondent to act prior to EPA's receipt of the IM Work Plan.

2. Commencing on the Effective Date of this Consent Order and continuing thereafter, if EPA identifies an immediate or potential threat to human health and/or the environment at the Facility, or discovers new releases of hazardous waste and/or the environment at the Facility not previously identified, EPA will notify Respondent in writing. Within ten (10) days of receiving EPA's written notification, Respondent shall submit to EPA for approval an IM Work Plan in accordance with the IM Scope of Work that identifies interim measures which will mitigate the threat. If EPA determines that immediate action is required, the EPA Project Coordinator may orally require Respondent to act prior to Respondent's receipt of EPA's written notification.

3. All IM Work Plans shall ensure that the interim measures are designed to mitigate immediate or potential threat(s) to human health and/or the environment and should be consistent with the objectives of, and contribute to the performance of the corrective measures which may be selected by EPA in a FDRTC or any amendment thereto.

4. Each IM Work Plan shall include the following sections as appropriate and approved by EPA: Interim Measures Objectives, Public Involvement Plan, Data Collection Quality Assurance, Data Management, Design Plans and Specifications, Operation and Maintenance, Project Schedule, Interim Measures Construction Quality Assurance, and Reporting Requirements. Concurrent with submission of an IM Work Plan, Respondent shall submit to EPA an IM Health and Safety Plan.

## **F. SUBMISSIONS/EPA APPROVAL/ADDITIONAL WORK**

1. EPA will review the Work Plans and reports and all other documents submitted by Respondent pursuant to this Consent Order, with the exception of progress reports (Submissions), and will notify Respondent in writing of EPA's approval or disapproval of each such Submission. In the event of EPA's disapproval, EPA shall specify in writing any deficiencies in the Submission. Such disapproval shall not be subject to the Dispute Resolution procedures of Section XV, below.

2. Within thirty (30) calendar days of receipt of EPA's comments on the Submission, or ten (10) calendar days in the case of an IM Work Plan, Respondent shall submit to EPA for approval a revised Submission, which responds to any comments received and/or corrects any deficiencies identified by EPA. In the event that EPA disapproves of the revised Submission, Respondent may invoke the dispute resolution procedures of Section XV, below. In the event EPA disapproves the revised Submission, EPA reserves the right to revise such Submission and seek to recover from Respondent the costs thereof, in accordance with CERCLA and any other applicable law. Any Submission approved or revised by EPA under this Consent Order shall be

deemed incorporated into and made an enforceable part of this Consent Order.

3. Beginning with the first day of the fourth full month following the Effective Date of this Consent Order, and every three months thereafter on the first day of the month, throughout the period that this Consent Order is effective, Respondent shall provide EPA with quarterly progress reports.

4. One (1) copy of all Submissions required by this Consent Order shall be sent by Overnight Mail, Return Receipt Requested, to the Project Coordinator designated pursuant to Section XI (PROJECT COORDINATORS), below. In addition, an electronic copy of all Submissions shall also be sent via email to the designated Project Coordinator.

5. All work performed pursuant to this Consent Order shall be under the direction and supervision of a professional engineer or geologist with expertise in hazardous waste site investigation. Within thirty (30) calendar days after the Effective Date of this Consent Order, Respondent shall submit to EPA, in writing, the name, title, and qualifications of the engineer or geologist and of any contractors or subcontractors to be used in carrying out the terms of this Consent Order. If the Respondent will continue to use an engineer or geologist whose information was previously submitted to EPA under the terms of the 1996 UAO, this submittal is not required. Notwithstanding Respondent's selection of an engineer, geologist, contractor or subcontractor, nothing herein shall relieve Respondent of its obligation to comply with the terms and conditions of this Consent Order. EPA shall have the right to disapprove at any time the use of any professional engineer, geologist, contractor or subcontractor selected by Respondent. EPA's disapproval shall not be subject to review under Section XV (DISPUTE RESOLUTION) of this Consent Order, or otherwise. Within fifteen (15) calendar days of receipt from EPA of written notice disapproving the use of any professional engineer, geologist, contractor or subcontractor, Respondent shall notify EPA, in writing, of the name, title and qualifications of the personnel who will replace the personnel disapproved by EPA. Respondent shall notify EPA ten (10) days prior to changing voluntarily its engineer or geologist, and/or contractors or subcontractors to be used in carrying out the terms of this Consent Order, and shall submit to EPA in writing, the name, title, and qualifications of such person(s).

6. EPA may determine that certain tasks and deliverables including, but not limited to, investigatory work or engineering evaluation require additional work. These tasks and deliverables may or may not have been in the EPA-approved Work Plans. If EPA determines that such additional work is necessary, EPA shall request, in writing, that Respondent perform the additional work and shall specify the reasons for EPA's determination that additional work is necessary. Within fifteen (15) calendar days after the receipt of such request, or as otherwise agreed by the parties, Respondent shall have the opportunity to meet or confer with EPA to discuss the additional work EPA has requested. In the event that Respondent agrees to perform the additional work, this Consent Order shall be modified in accordance with Section XXII (SUBSEQUENT MODIFICATION) below, and such work shall be performed in accordance with this Consent Order. In the event Respondent declines or fails to perform the additional work, EPA reserves the right, at a minimum, to order Respondent to perform such additional work; to perform such additional work itself and to seek to recover from Respondent all costs of

performing such additional work; and to disapprove the CMI Work Plans; the CMI Reports and/or any other Submissions. Respondent reserves its rights and defenses to challenge any such action by EPA, subject to Section I.D.

## **VII. QUALITY ASSURANCE**

A. Throughout all sample collection and analysis activities, Respondent shall use EPA-approved quality assurance, quality control, and chain-of-custody procedures, as specified in the EPA-approved Work Plans. In addition, Respondent shall:

1. Ensure that laboratories used by Respondent for analyses perform such analyses according to the EPA methods included in Test Methods for Evaluating Solid Waste (SW-846, November 1986) or other methods deemed satisfactory to EPA. If methods other than EPA methods are to be used, Respondent shall submit all analytical protocols to be used for analyses to EPA for approval at least thirty (30) calendar days prior to the commencement of analyses and shall obtain EPA approval prior to the use of such analytical protocols.

2. Ensure that laboratories used by Respondent for analyses participate in a quality assurance/quality control program equivalent to that which is followed by EPA. As part of such a program, and upon request by EPA, such laboratories shall perform analyses of samples provided by EPA to demonstrate the quality of the analytical data.

3. Inform the EPA Project Coordinator at least fourteen (14) calendar days in advance of any laboratory analysis regarding which laboratory will be used by Respondent and ensure that EPA personnel and EPA authorized representatives have reasonable access to the laboratories and personnel used for analysis.

## **VIII. ON-SITE AND OFF-SITE ACCESS**

A. EPA and/or its authorized representatives shall have the authority to enter and freely move about all property at the Facility owned or controlled by Respondent during the pendency of this Consent Order for the purposes of, inter alia: interviewing Facility personnel and contractors controlled by Respondent; inspecting Respondent's records, operating logs, and contracts related to the Facility; reviewing the progress of Respondent in carrying out the terms of this Consent Order; conducting such tests, sampling or monitoring as EPA or its Project Coordinator deem necessary; using a camera, sound recording, or other documentary type equipment; and verifying the reports and data submitted to EPA by Respondent. Respondent shall permit such persons to inspect and copy all records, files, photographs, documents, and other writings, including all sampling and monitoring data, that pertain to work undertaken pursuant to this Consent Order.

B. To the extent that work required by this Consent Order, or by any EPA-approved Work Plan prepared pursuant hereto, must be done on property not owned or controlled by

Respondent, Respondent shall use its best efforts to obtain site access agreement(s) from the present owner(s) and/or lessee(s) of such property, as appropriate, within thirty (30) calendar days of receipt of EPA approval of any Work Plan pursuant to this Consent Order which requires Work on such property. For purposes of this paragraph, best efforts shall include, at a minimum, but shall not be limited to: a) a certified letter from Respondent to the present owner(s) or lessee(s) of such property requesting agreements to permit Respondent, EPA, and its authorized representatives to have access to such property; and b) the payment of reasonable sums of money in consideration of access. Reasonable sums of money means the fair market value of the right of access necessary to implement the requirements of this Consent Order. In the event that such agreements for access are not obtained within thirty (30) calendar days after receipt of EPA approval of any Work Plan pursuant to this Consent Order which requires work on property which is not owned or controlled by Respondent, Respondent shall notify EPA, in writing, within seven (7) calendar days after the conclusion of such thirty-day period, regarding both the efforts undertaken to obtain access and the inability to obtain such agreements. In the event that Respondent fails to obtain off-site access, despite the exercise of best efforts, EPA, in its discretion, may assist Respondent in obtaining off-site access for Respondent. Respondent shall reimburse EPA for all costs incurred by EPA in obtaining access, including, but not limited to, attorney's fees and the amount of any just compensation and costs incurred by EPA.

C. To the extent ArcelorMittal needs access to conduct Work in or around the Facility in order to satisfy ArcelorMittal's obligations under a related Order (Docket No. RCRA-03-2018-0143CA)(Attachment C), Respondent shall reasonably cooperate with ArcelorMittal in order to fulfill Work required of ArcelorMittal.

D. Nothing in this Consent Order limits or otherwise affects EPA's rights of access and entry pursuant to applicable law, including, but not limited to, RCRA and CERCLA.

## **IX. SAMPLING AND DATA/DOCUMENT AVAILABILITY**

A. Respondent shall submit to EPA the results of all sampling and/or tests or other data generated by, or on behalf of, Respondent in accordance with the requirements of this Consent Order.

B. Respondent shall notify EPA, in writing, at least fourteen (14) calendar days in advance of any field activities, including but not limited to, well drilling, installation of equipment, or sampling. At the request of EPA, Respondent shall provide or allow EPA or its authorized representatives to take split or duplicate samples of all samples collected by Respondent pursuant to this Consent Order. Nothing in this Consent Order shall limit or otherwise affect EPA's authority to collect samples pursuant to applicable law, including, but not limited to, RCRA and CERCLA.

C. Respondent may assert a business confidentiality claim covering all or part of any information submitted to EPA pursuant to this Consent Order in the manner described in 40 C.F.R. § 2.203(b). Any assertion of confidentiality shall be adequately substantiated by

Respondent when the assertion is made in accordance with 40 C.F.R. § 2.204(e)(4). Information subject to a confidentiality claim shall be disclosed only to the extent allowed by, and in accordance with, the procedures set forth in 40 C.F.R. Part 2, Subpart B. If no such confidentiality claim accompanies the information when it is submitted to EPA, it may be made available to the public by EPA without further notice to Respondent. Respondent shall not assert any confidentiality claim with regard to any physical, sampling, monitoring, or analytical data.

D. If Respondent wishes to assert a privilege with regard to any document which EPA seeks to inspect or copy pursuant to this Consent Order, Respondent shall identify the document, the privilege claimed, and the basis therefore in writing. For the purposes of this Consent Order, privileged documents are those documents exempt from discovery from the United States in litigation under the Federal Rules of Civil Procedure. Respondent shall not assert a privilege with regard to analytical, sampling and monitoring data.

## **X. RECORD PRESERVATION**

Respondent agrees that it shall preserve, during the pendency of this Consent Order and for a minimum of at least six (6) years after its termination, all data, records and documents in its possession or in the possession of its divisions, officers, directors, employees, agents, contractors, successors, and assigns which relate in any way to this Consent Order or to hazardous waste management and/or disposal at the Facility. After six (6) years, Respondent shall make such records available to EPA for inspection or shall provide copies of such records to EPA. Respondent shall notify EPA at least thirty (30) calendar days prior to the proposed destruction of any such records, and shall provide EPA with a reasonable opportunity to inspect, copy and/or take possession of any such records. Respondent shall not destroy any record to which EPA has requested access for inspection and/or copying until EPA has obtained such access or withdrawn its request for such access. Nothing in this Section X shall in any way limit the authority of EPA under Section 3007 of RCRA, 42 U.S.C. § 6927, or any other access or information-gathering authority.

## **XI. PROJECT COORDINATORS**

A. EPA hereby designates John Hopkins as the EPA Project Coordinator. Within ten (10) calendar days of the Effective Date of this Consent Order, Respondent shall notify EPA, in writing, of the Project Coordinator it has selected. Respondent's legal counsel shall not serve as Respondent's Project Coordinator. Each Project Coordinator shall be responsible for overseeing the implementation of the Consent Order. The EPA Project Coordinator will be EPA's primary designated representative at the Facility. To the maximum extent possible, all communications between Respondent and EPA, and all documents, reports, approvals, and other correspondence concerning the activities performed pursuant to the terms and conditions of this Consent Order, shall be directed through the Project Coordinators.

B. Each party agrees to provide at least seven (7) calendar days written notice to the



other party prior to changing Project Coordinators.

C. If EPA determines that conditions or activities at the Facility, whether or not in compliance with this Consent Order, have caused or may cause a release or threatened release of hazardous wastes, hazardous constituents, hazardous substances, solid wastes, pollutants or contaminants which threaten or may pose a threat to the public health or welfare or to the environment, EPA may direct that Respondent stop further implementation of this Consent Order for such period of time as may be needed to abate any such release or threatened release and/or to undertake any action which EPA determines is necessary to abate such release or threatened release.

D. The absence of the EPA Project Coordinator from the Facility shall not be cause for the delay or stoppage of work.

## **XII. NOTIFICATION**

A. Unless otherwise specified, reports, correspondence, approvals, disapprovals, notices, or other submissions relating to or required under this Consent Order shall be in writing and shall be sent as follows:

1. One electronic and one hard copy of all documents shall be submitted to:

John Hopkins  
U.S. Environmental Protection Agency, Region III  
Mail Code 3LC10  
1650 Arch St.  
Philadelphia, PA 19103-2029

2. One copy of all documents to be submitted to EPA shall also be sent to:

Kenan Cetin  
West Virginia Division of Environmental Protection  
Kenan.Cetin@wv.gov

B. Any notice, report, certification, data presentation, or other document submitted by Respondent pursuant to this Consent Order which discusses, describes, demonstrates, or supports any finding or makes any representation concerning Respondent's compliance or noncompliance with any requirement of this Consent Order shall be certified by a responsible corporate officer or a duly authorized representative of a responsible corporate officer. A responsible corporate officer means: (a) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or (b) the manager of one or more

manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. A person is a duly authorized representative only if: (1) the authorization is made in writing by a person described above; (2) the authorization specifies either an individual or position having responsibility for overall operation of the regulated facility or activity (a duly authorized representative may thus be either a named individual or any individual occupying a named position); and (3) the written authorization is submitted to the Project Coordinator designated by EPA in Section XI (PROJECT COORDINATORS) of this Consent Order.

C. The certification required by paragraph B, above, shall be in the following form:

I certify that the information contained in or accompanying this [type of submission] is true, accurate, and complete.

As to [the/those identified portion(s)] of this [type of submission] for which I cannot personally verify [its/their] accuracy, I certify under penalty of law that this [type of submission] and all attachments were prepared in accordance with procedures 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, or the immediate supervisor of such person(s), 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 fines and imprisonment for knowing violations.

Signature : \_\_\_\_\_

Name : \_\_\_\_\_

Title : \_\_\_\_\_

### **XIII. COST ESTIMATES AND ASSURANCES OF FINANCIAL RESPONSIBILITY**

#### **A. Estimated Cost of Work**

1. Within sixty (60) days after EPA approval of each of the RFI(s), CMI(s), IM(s) and Additional Work Workplan(s), Respondent shall submit to EPA for approval detailed written estimates, in current dollars, of the cost of hiring a third party to perform the work under such approved Workplan (Cost Estimate). All cost estimates shall be

consistent with the requirements of 40 C.F.R. 264.142 and 264.144. References in these regulations to closure and post-closure shall mean the Work to be Performed under Section VI of this Consent Order.

2. Respondent shall annually adjust the Cost Estimate for inflation and for changes in the scope of the Work until the Work required by this Consent Order is completed. Within sixty (60) days after the close of Respondent's fiscal year, Respondent shall submit each annual Cost Estimate to EPA for review.

3. If at any time EPA determines that a cost estimate provided pursuant to this Section XIII is inadequate, EPA shall notify Respondent in writing, stating the basis for its determination. If at any time Respondent becomes aware of information indicating that any Cost Estimate provided pursuant to this Section XIII is inadequate, Respondent shall notify EPA in writing of such information within twenty (20) days. Within thirty (30) days of EPA's notification, or within thirty (30) days of becoming aware of such information, as the case may be, Respondent shall submit a revised Cost Estimate to EPA for review.

**B. Assurances of Financial Responsibility for Completing the Work**

1. Within one hundred twenty (120) days after EPA approves the initial Cost Estimate, Respondent shall establish financial assurance for the benefit of EPA. In the event that EPA approval of Respondent's initial Cost Estimate is not received within 30 days after close of Respondent's fiscal year, Respondent shall establish and maintain the financial assurance in the amount of the Cost Estimate submitted pursuant to Paragraph XIII.A.I within ninety (90) days of the end of its fiscal year. Respondent shall maintain adequate financial assurance until EPA releases Respondent from this requirement pursuant to Section XXIV (TERMINATION AND SATISFACTION). Respondent shall update the financial instrument or financial test demonstration to reflect changes to the Cost Estimate within ninety (90) days after the close of the Respondent's fiscal year. Respondent may use one or more of the financial assurance forms described in subparagraphs i - vi immediately below. Any and all financial assurance documents shall be satisfactory in form and substance as determined by EPA.

- i. A trust fund established for the benefit of EPA, administered by a trustee;
- ii. A surety bond unconditionally guaranteeing performance of the Work in accordance with this Consent Order, or guaranteeing payment at the direction of EPA into a standby trust fund that meets the requirements of the trust fund in subparagraph i above;
- iii. An irrevocable letter of credit, payable at the direction of the Director, Land and Chemicals Division, into a standby trust fund that meets the requirements of the trust fund in subparagraph i above;

- iv. An insurance policy that provides EPA with rights as a beneficiary, issued for a face amount at least equal to the current Cost Estimate, except where costs not covered by the insurance policy are covered by another financial assurance instrument;
- v. A corporate guarantee, executed in favor of the EPA by one or more of the following: (1) a direct or indirect parent company, or (2) a company that has a "substantial business relationship" with Respondent (as defined in 40 C.F.R. § 264.141(h)), to perform the Work required under Section VI of this Consent Order or to establish a trust fund as permitted by subparagraph i above; provided, however, that any company providing such a guarantee shall demonstrate to the satisfaction of the EPA that it satisfies the financial test requirements of 40 C.F.R. § 264.143(f) with respect to the portion of the Cost Estimate that it proposes to guarantee.
- vi. A demonstration by Respondent that it meets the financial test criteria of 40 C.F.R. § 264.143(f) with respect to the Cost Estimate, provided that all other requirements of 40 C.F.R. § 264.143(f) are satisfied.
- vii. Another form of financial assurance proposed by Respondent, if approved by EPA.

2. Respondent shall submit all original executed and/or otherwise finalized instruments to Regional Administrator, U.S. Environmental Protection Agency, Region III, 1650 Arch Street, Philadelphia, Pennsylvania 19103-2029 within thirty (30) days after date of execution or finalization as required to make the documents legally binding. Respondent shall also provide copies to the EPA Project Coordinator.

3. If at any time Respondent provides financial assurance for completion of the Work by means of a corporate guarantee or financial test, Respondent shall also comply with the other relevant requirements of 40 C.F.R. § 264.143(f), 40 C.F.R. § 264.151(f), and 40 C.F.R. § 264.151(h)(1) relating to these methods, and will promptly provide any additional information requested by EPA from Respondent or corporate guarantor within seven (7) calendar days of its receipt of such request from EPA or the corporate guarantor.

4. For purposes of the corporate guarantee or the financial test described above, references in 40 C.F.R. § 264.143(f) to "the sum of current closure and post-closure costs and the current plugging and abandonment cost estimates" shall mean "the sum of all environmental remediation obligations, including, but not limited to, obligations under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended, 42 U.S.C. §§ 9601 et seq., RCRA, the Underground Injection Control Program promulgated pursuant to the Safe Drinking Water Act, 42 U.S.C. §§ 300f et seq., and the Toxic Substances Control Act, 42 U.S.C. §§ 2601, et seq., and any other federal or state environmental obligation guaranteed by such company or for which such company is otherwise financially obligated in addition to

the Cost Estimate.

5. Respondent may combine more than one mechanism to demonstrate financial assurance for the Work required under Section VI of this Consent Order.

6. Respondent may satisfy its obligation to provide financial assurance for the Work required under Section VI herein by providing a third party who assumes full responsibility for said Work and otherwise satisfies the obligations of the financial assurance requirements of this Consent Order; however, Respondent shall remain responsible for providing financial assurance in the event such third party fails to do so and any financial assurance from a third party shall be in one of the forms provided in subparagraphs XIII.B.1.i. through vi. above.

7. If at any time EPA determines that a financial assurance mechanism provided pursuant to this Section XIII is inadequate, EPA shall notify Respondent in writing. If at any time Respondent becomes aware of information indicating that any financial assurance mechanism(s) provided pursuant to this Section XIII is inadequate, Respondent shall notify EPA in writing of such information within ten (10) days of Respondent's becoming aware of such information. Within ninety (90) days of receipt of notice of EPA's determination, or within ninety (90) days of Respondent's becoming aware of such information, Respondent shall establish and maintain adequate financial assurance for the benefit of the EPA which satisfies all requirements set forth in this Section. Any and all financial assurance documents provided pursuant to this Consent Order shall be submitted to EPA for review in draft form at least forty-five (45) days before they are due to be filed and shall be satisfactory in form and substance as determined by EPA.

8. Respondent's inability or failure to establish or maintain financial assurance for completion of the Work required under Section VI of this Consent Order shall in no way excuse performance of any other requirements of this Consent Order.

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

i. Reduction of Amount of Financial Assurance. If Respondent believes that the Cost Estimate has diminished below the amount covered by the existing financial assurance provided under this Consent Order, Respondent may, at the same time that Respondent submits its annual Cost Estimate, submit a written proposal to EPA for approval to reduce the amount of the financial assurance to equal the revised Cost Estimate.

ii. Change of Form of Financial Assurance. If Respondent desires to change the form or terms of financial assurance, Respondent may, at the same time that Respondent submits the annual Cost Estimate, submit a written proposal to EPA for approval to change the form of financial assurance. The written proposal shall specify all proposed instruments or other documents required in order to make the

proposed financial assurance legally binding and shall satisfy all requirements set forth in this Section. Within thirty (30) days after receiving written approval of the proposed revised or alternative financial assurance, Respondent shall execute and/or otherwise finalize all instruments or other documents required in order to make the selected financial assurance legally binding. Respondent shall submit all executed and/or otherwise finalized instruments or other documents required in order to make the selected financial assurance legally binding to the Regional Administrator, U.S. Environmental Protection Agency, Region III, 1650 Arch Street, Philadelphia, Pennsylvania 19103-2029, with a copy to EPA's Project Coordinator, as provided in Section XII (NOTIFICATIONS) above.

10. Release of Financial Assurance. Respondent may submit a written request to the Director, Land and Chemicals Division that EPA release Respondent from the requirement to maintain financial assurance under this Section XIII upon receipt of written notice from EPA pursuant to Section XXIV that, as set forth therein, the terms of this Consent Order have been satisfactorily completed. If said request is granted, the Director, Land and Chemicals Division shall notify both the Respondent and the provider(s) of the financial assurance that Respondent is released from all financial assurance obligations under this Consent Order.

#### **XIV. DELAY IN PERFORMANCE/STIPULATED PENALTIES**

A. Unless there has been a written modification of a compliance date by EPA, or excusable delay as defined below in Section XVI ( FORCE MAJEURE AND EXCUSABLE DELAY), in the event that Respondent fails to comply with any requirement set forth in this Consent Order, Respondent shall pay stipulated penalties, as set forth below, upon receipt of written demand by EPA. Compliance by Respondent shall include commencement or completion, as appropriate, of any activity, plan, study, or report required by this Consent Order in an acceptable manner and within the specified time schedules in and approved under this Consent Order. Stipulated penalties shall accrue as follows:

1. For failure to commence, perform or complete Work as prescribed in this Consent Order: \$ \$1,250 per day for one to seven days or part thereof of noncompliance, and \$\$2,250 per day for each day of noncompliance, or part thereof, thereafter;
2. For failure to comply with the provisions of this Consent Order after receipt of notice of noncompliance by EPA: \$ \$1,000per day for one to seven days or part thereof of noncompliance, and \$\$2,000 per day for each day of noncompliance, or part thereof, thereafter; in addition to any stipulated penalties imposed for the underlying noncompliance;
3. For failure to submit deliverables as required by this Consent Order, or for failure to comply with this Consent Order not described in subparagraphs

1 and 2 above: \$\$500 per day for one to seven days or part thereof of noncompliance, and \$\$750 per day for each day of noncompliance, or part thereof, thereafter.

B. All penalties shall begin to accrue on the date that complete performance is due or a violation occurs, and shall continue to accrue through the final day of or correction of the violation. Nothing herein shall prevent the simultaneous accrual of separate stipulated penalties for separate violations of this Consent Order.

C. All penalties owed to EPA under this Section XIV shall be due within thirty (30) calendar days of receipt of a demand for payment unless Respondent invokes the dispute resolution procedures in Section XV, below. Such notification shall describe the noncompliance and shall indicate the amount of penalties due. Interest shall begin to accrue on the unpaid balance at the end of the thirty (30)-calendar day period and shall accrue at the United States Tax and Loan Rate.

D. All penalty payments shall be made by certified or cashier's check payable to the Treasurer of the United States of America and shall be remitted to:

U.S. Environmental Protection Agency  
Fines and Penalties  
Cincinnati Finance Office  
P.O. Box 979077  
St. Louis, MO 63197-9000

All payments shall reference the name of the Facility, Respondent's name and address, and the EPA Docket Number of this Consent Order. Copies of the transmittal of payment shall be sent simultaneously to the EPA Project Coordinator and the Regional Hearing Clerk (3RC00), U.S. Environmental Protection Agency, Region III, 1650 Arch Street, Philadelphia, Pennsylvania 19103-2029.

E. Respondent may dispute EPA's demand for payment of stipulated penalties for any alleged violation of this Consent Order by invoking the dispute resolution procedures below in Section XV (DISPUTE RESOLUTION). Stipulated penalties shall continue to accrue, but need not be paid, for any alleged noncompliance which is the subject of dispute resolution during the period of such dispute resolution. To the extent that Respondent does not prevail upon resolution of the dispute, Respondent shall remit to EPA within seven (7) calendar days of receipt of such resolution any outstanding penalty payment, including any accrued interest, in the manner described above in Paragraph D of this Section XIV. To the extent Respondent prevails upon resolution of the dispute, no penalties shall be payable.

F. Neither the filing of a petition to resolve a dispute nor the payment of penalties shall alter in any way Respondent's obligation to comply with the requirements of this Consent Order.

G. The stipulated penalties set forth in this Section XIV shall not preclude EPA from pursuing any other remedies or sanctions which may be available to EPA by reason of Respondent's failure to comply with any of the requirements of this Consent Order.

## **XV. DISPUTE RESOLUTION**

A. If Respondent disagrees, in whole or in part, with any EPA disapproval, modification or other decision or directive made by EPA pursuant to this Consent Order, Respondent shall notify EPA in writing of its objections, and the basis therefor, within fourteen (14) calendar days of receipt of EPA's disapproval, decision or directive. Such notice shall set forth the specific points of the dispute, the position which Respondent asserts should be adopted as consistent with the requirements of this Consent Order, the basis for Respondent's position, and any matters which it considers necessary for EPA's determination. EPA and Respondent shall have an additional fourteen (14) calendar days from the receipt by EPA of the notification of objection, or such longer period of time that EPA may allow in its sole discretion not subject to dispute resolution, during which time representatives of EPA and Respondent may confer in person or by telephone to resolve any disagreement. If an agreement is reached, the resolution shall be written and signed by an authorized representative of each party. In the event that resolution is not reached within this fourteen (14) calendar day period, or such longer period of time that EPA may allow in its sole discretion not subject to dispute resolution, EPA will furnish to Respondent, in writing, its decision on the pending dispute.

B. The invocation of formal dispute resolution procedures under this Section XV shall not extend, postpone or affect in any way any obligation of Respondent under this Order unless EPA determines otherwise. Stipulated penalties with respect to the disputed matter shall continue to accrue but payment shall be stayed pending resolution of the dispute. Notwithstanding the stay of payment, stipulated penalties shall accrue from the first day of noncompliance with any applicable provision of this Order. In the event that Respondent does not prevail on the disputed issue, stipulated penalties shall be assessed and paid as provided in Section XIV (DELAY IN PERFORMANCE/STIPULATED PENALTIES).

C. Notwithstanding any other provisions of this Consent Order, no action or decision by EPA, including, without limitation, decisions of the Director of Land and Chemicals Division, Region III, pursuant to this Consent Order, shall constitute final agency action giving rise to any right to judicial review prior to EPA's initiation of judicial action to compel Respondent's compliance with this Consent Order.

## **XVI. FORCE MAJEURE AND EXCUSABLE DELAY**

A. Respondent shall perform the requirements of this Consent Order in the manner and within the time limits set forth herein, unless the performance is prevented or delayed by events which constitute a force majeure. Respondent shall have the burden of proving such a



force majeure. A force majeure is defined as any event arising from causes not reasonably foreseeable and beyond the control of Respondent, which cannot be overcome by due diligence and which delays or prevents performance in the manner or by a date required by this Consent Order. Such events do not include increased costs of performance, changed economic circumstances, reasonably foreseeable weather conditions or weather conditions which could have been overcome by due diligence, or failure to obtain federal, state, or local permits unless applications for such permits were submitted in a timely and complete fashion and such permits were not issued, through no fault of Respondent.

B. Respondent shall notify EPA, in writing, within seven (7) calendar days after it becomes or should have become aware of any event which Respondent claims constitutes a force majeure. Such notice shall estimate the anticipated length of delay, including necessary demobilization and remobilization, its cause, measures taken or to be taken to prevent or minimize the delay, and an estimated timetable for implementation of these measures. Failure to comply with the notice provision of this Section XVI shall constitute a waiver of Respondent's right to assert a force majeure claim with respect to such event. In addition to the above notification requirements, Respondent shall undertake all reasonable actions to prevent or to minimize any delay in achieving compliance with any requirement of this Consent Order after it becomes or should have become aware of any event which may delay such compliance.

C. If EPA determines that there is excusable delay because the failure to comply or delay has been or will be caused by a force majeure, the time for performance of that requirement of this Consent Order may be extended, upon EPA approval, for a period equal to the delay resulting from such force majeure. This shall be accomplished through an amendment to this Consent Order pursuant to Section XXII (SUBSEQUENT MODIFICATION). Such an extension shall not alter the schedule for performance or completion of any other tasks required by this Consent Order, unless these tasks are also specifically altered by amendment of the Consent Order. In the event that EPA and Respondent cannot agree that any delay or failure has been or will be caused by a force majeure, or if there is no agreement on the length of the extension, Respondent may invoke the dispute resolution procedures set forth in Section XV (DISPUTE RESOLUTION).

## **XVII. RESERVATION OF RIGHTS**

A. EPA expressly reserves all rights and defenses that it may have, including the right both to disapprove of work performed by Respondent pursuant to this Consent Order, to require that Respondent correct and/or perform any work disapproved by EPA, and to request that Respondent perform tasks in addition to those stated in the Scope(s) of Work, Work Plans, or other provisions of this Consent Order.

B. EPA hereby reserves all of its statutory and regulatory powers, authorities, rights and remedies, both legal and equitable, including any which may pertain to Respondent's failure to comply with any of the requirements of this Consent Order, including, without limitation, the assessment of penalties under Section 3008(h)(2) of RCRA, 42 U.S.C. § 6928(h)(2). This

Consent Order shall not be construed as a covenant not to sue, or as a release, waiver or limitation of any rights, remedies, powers and/or authorities, civil or criminal, which EPA has under RCRA, CERCLA, or any other statutory, regulatory or common law authority.

C. Compliance by Respondent with the terms of this Consent Order shall not relieve Respondent of its obligations to comply with RCRA or any other applicable local, state, or federal laws and regulations.

D. The signing of this Consent Order and Respondent's consent to comply shall not limit or otherwise preclude EPA from taking additional enforcement action pursuant to RCRA, including but not limited to Sections 3008(a) or (h) of RCRA, 42 U.S.C. §§ 6928(a) or (h), or any other authority, should EPA determine that such action is warranted.

E. This Consent Order is not intended to be, nor shall it be construed as, a permit. This Consent Order does not relieve Respondent of any obligation to obtain and comply with any local, state, or federal permit or approval.

F. EPA reserves the right to perform any portion of the work consented to herein or any additional site characterization, feasibility study, and response/corrective actions it deems necessary to protect public health or welfare or the environment. EPA may exercise its authority under RCRA, CERCLA or any other authority to undertake or require the performance of response actions at any time. EPA reserves the right to seek reimbursement from Respondent for costs incurred by the United States in connection with any such response actions. Notwithstanding compliance with the terms of this Consent Order, Respondent is not released from liability, if any, for the costs of any response actions taken by EPA.

G. EPA reserves whatever rights it may have under CERCLA or any other law, or in equity, to recover from Respondent any costs incurred by EPA in overseeing the implementation of this Consent Order.

### **XVIII. OTHER CLAIMS**

Nothing in this Consent Order shall constitute or be construed as a release from any claim, cause of action or demand in law or equity against any person, firm, partnership, or corporation, or other entity for any liability it may have arising out of or relating in any way to the generation, storage, treatment, handling, transportation, release, or disposal of any hazardous constituents, hazardous substances, hazardous wastes, solid wastes, pollutants, or contaminants found at, taken to, or taken from the Facility.

### **XIX. OTHER APPLICABLE LAWS**

All actions required to be taken pursuant to this Consent Order shall be undertaken in accordance with the requirements of all applicable local, state, and federal laws and regulations.

Respondent shall obtain or require its authorized representatives to obtain all permits and approvals necessary under such laws and regulations.

## **XX. INDEMNIFICATION OF THE UNITED STATES GOVERNMENT**

Respondent agrees to indemnify and save and hold harmless the United States Government, its agencies, departments, agents, and employees, from any and all claims or causes of action arising from or on account of acts or omissions of Respondent or its agents, independent contractors, receivers, trustees, and assigns in carrying out activities required by this Consent Order. This indemnification shall not be construed in any way as affecting or limiting the rights or obligations of Respondent or the United States under their various contracts. The United States shall not be deemed to be a party to any contract entered into by Respondent for the purpose of carrying out any activities required by this Consent Order.

## **XXI. NOTICE OF NON-LIABILITY OF EPA**

EPA shall not be deemed a party to any contract involving Respondent and relating to activities at the Facility and shall not be liable for any claim or cause of action arising from or on account of any act, or the omission of Respondent, its officers, employees, contractors, receivers, trustees, agents or assigns, in carrying out the activities required by this Consent Order.

## **XXII. SUBSEQUENT MODIFICATION**

A. Except as provided in Paragraph C of this Section XXII, below, this Consent Order may be amended only by mutual agreement of EPA and Respondent. Any such amendment shall be in writing, shall be signed by an authorized representative of each party, shall have as its effective date the date on which it is signed by EPA, and shall be incorporated into this Consent Order.

B. Any reports, plans, specifications, schedules, other submissions, and attachments required by this Consent Order are, upon written approval by EPA, incorporated into this Consent Order. Any noncompliance with such EPA-approved reports, plans, specifications, schedules, other submissions, and attachments shall be considered a violation of this Consent Order and shall subject Respondent to the stipulated penalty provisions included in Section XIV (DELAY IN PERFORMANCE/STIPULATED PENALTIES).

C. Minor modifications in the studies, techniques, procedures, designs, or schedules utilized in carrying out this Consent Order and necessary for the completion of the project may be made by written agreement of the Project Coordinators. Such modifications shall have as an effective date the date on which the agreement is signed by the EPA Project Coordinator.

D. No informal advice, guidance, suggestions, or comments by EPA regarding reports, plans, specifications, schedules, and any other writing submitted by Respondent shall be construed as relieving Respondent of its obligation to obtain written approval, if and when required by this Consent Order.

### **XXIII. SEVERABILITY**

If any provision or authority of this Consent Order or the application of this Consent Order to any party or circumstance is held by any judicial or administrative authority to be invalid, the application of such provision to other parties or circumstances and the remainder of this Consent Order shall not be affected thereby and shall remain in full force.

### **XXIV. TERMINATION AND SATISFACTION**

The provisions of this Consent Order shall be deemed satisfied upon Respondent's receipt of written notice from EPA that Respondent has demonstrated, to the satisfaction of EPA, that the terms of this Consent Order, including any additional tasks determined by EPA to be required pursuant to this Consent Order, have been satisfactorily completed. This notice shall not, however, terminate Respondent's obligation to comply with any continuing obligations hereunder including, but not limited to, Sections X (RECORD PRESERVATION), XVII (RESERVATION OF RIGHTS), XVIII (OTHER CLAIMS), XIX (OTHER APPLICABLE LAWS), and XX (INDEMNIFICATION OF THE UNITED STATES GOVERNMENT).

### **XXV. SURVIVABILITY/PERMIT INTEGRATION**

A. Subsequent to the issuance of this Consent Order, a RCRA permit may be issued to the Facility incorporating the requirements of this Consent Order by reference into the permit.

B. No requirement of this Consent Order shall terminate upon the issuance of a RCRA permit unless such requirement is expressly replaced by a requirement in the permit.

### **XXVI. ATTORNEYS' FEES**

The Respondent shall bear its own costs and attorneys fees.

### **XXVII. EFFECTIVE DATE/WAIVER OF HEARING**

The Effective Date of this Consent Order shall be the date on which a true and correct copy of this Consent Order is received by Respondent. Because this Consent Order was entered with the consent of both parties, Respondent waives its right to request a public hearing pursuant to Section 3008(b) of RCRA, 42 U.S.C. § 6928(b), and 40 C.F.R. Part 24.

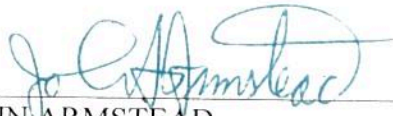
**XXVIII. TERMINATION OF 1996 UNILATERAL  
ADMINISTRATIVE ORDER**

On September 16, 1996, EPA Region III issued a Unilateral Administrative Order to Weirton Steel Corporation (Docket No. RCRA-3-083CA) for certain work now addressed by this Consent Order and a Consent Order to be issued to ArcelorMittal Weirton LLC. Upon the Effective Date of this Consent Order and the ArcelorMittal Weirton LLC Consent Order, EPA will deem the terms of the 1996 UAO to be satisfactorily completed and the 1996 UAO will be terminated in accordance with Section XXIII (TERMINATION AND SATISFACTION) of the 1996 UAO.

IT IS SO AGREED AND ORDERED:

DATE: 9.26.18

BY:

  
\_\_\_\_\_  
JOHN ARMSTEAD  
DIRECTOR  
LAND AND CHEMICALS DIVISION  
UNITED STATES ENVIRONMENTAL  
PROTECTION AGENCY, REGION III

DATE: 9/26/18

BY:

  
\_\_\_\_\_  
Mingo Junction Steel Works LLC  
Name: David P. Franjold  
Title: Managing Member



**LEGEND**

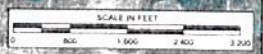
- CAAs CORRECTIVE ACTION AREA (CAA) BOUNDARY
- - - CAA SUBDIVISION BOUNDARY
- RI AND OMS COMPLETED
- RI COMPLETED AND NO OMS REQUIRED
- PROPERTY SOLD IN 2004/2005
- PROPERTY OWNED BY ARCELORMITTAL
- PROPERTY OWNED BY MINING JUNCTION STEEL WORKS, L.L.C. (MJSW)
- PROPERTY OWNED BY BUSINESS DEVELOPMENT CORPORATION OF THE HUNTER HANCOCK COUNTY STATE BOUNDARY

**NOTE:**

BECAUSE THE BOUNDARIES OF THE PROPERTIES ACQUIRED BY MJSW DID NOT ALIGN WITH THE CORRECTIVE ACTION AREA (CAA) BOUNDARIES, SEVERAL OF THE CAAs ARE NOW PARTIALLY OWNED BY ARCELORMITTAL AND PARTIALLY OWNED BY MJSW. FOR THOSE AREAS, AN 'A' SUFFIX HAS BEEN ADDED TO THE CAA DESIGNATIONS FOR PROPERTY OWNED BY ARCELORMITTAL AND AN 'M' SUFFIX HAS BEEN ADDED TO THE CAA DESIGNATIONS FOR PROPERTY OWNED BY MJSW. ALL CAAs OWNED ENTIRELY BY ONE ENTITY RETAIN THEIR PRIOR CAA DESIGNATION.

**REFERENCE**

ESRI WORLD IMAGERY - ARCGIS MAP SERVICE  
 HTTP://GOTO.ARCGISONLINE.COM/MAPS/WORLD\_IMAGERY  
 ACCESSED 7/3/2018. IMAGERY DATE: 2018



**Civil & Environmental Consultants, Inc.**  
 4300 Sunlight Lane, Suite 205 - Eggen, PA 15637  
 PH: 724-227-6300 • FAX: 724-227-6301  
 www.cecinc.com

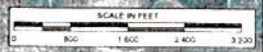
**ARCELORMITTAL - WEIRTON PLANT  
 WEIRTON, WEST VIRGINIA  
 BROOKE AND HANCOCK COUNTIES**

DESIGNED BY: CEC	DATE: 6/26/2018	SCALE: 1" = 800'	PROJECT NO.: 1803242.0018
DRAWN BY: CEC	DATE: 6/26/2018	PROJECT NO.: 1803242.0018	

**FORMER WEIRTON  
 FACILITY BOUNDARY**

**A-1**

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**LEGEND**

- RCRA CORRECTIVE ACTION AREA (CAA) BOUNDARY\*
- RFI AND CMS COMPLETED
- RFI COMPLETED AND NO CMS REQUIRED
- PROPERTY OWNED BY THE BUSINESS DEVELOPMENT CORP. OF THE NORTHERN PANHANDLE
- PROPERTY OWNED BY MINGO JUNCTION STEEL WORKS, LLC
- COUNTY STATE BOUNDARY

**NOTE:**

AS A RESULT OF THE JANUARY 31, 2017 SALE OF A PORTION OF THE FORMER WEIRTON STEEL FACILITY FROM ARCELORMITTAL WEIRTON LLC TO MINGO JUNCTION STEEL WORKS, LLC, SOME OF THE FORMER CORRECTIVE ACTION AREAS (CAAs) WERE SPLIT INTO TWO PARTS. FOR THOSE SPLIT AREAS, AN 'M' SUFFIX HAS BEEN ADDED TO THE CAA DESIGNATION FOR PROPERTY OWNED BY MINGO JUNCTION STEEL WORKS. ALL CAAs OWNED ENTIRELY BY MINGO JUNCTION STEEL WORKS RETAINED THEIR PRIOR CAA DESIGNATIONS.

**REFERENCE**

ESRI WORLD IMAGERY / ARCGIS MAP SERVICE  
 HTTP://GOTO.ARCGISONLINE.COM/MAPS/WORLD\_IMAGERY  
 ACCESSED 7/3/2018 IMAGERY DATE 2016



**Civil & Environmental Consultants, Inc.**  
 9307 5th Ave. Lane, Suite 205 - Export, PA 15622  
 PH: 724-237-6200 FAX: 724-237-6201  
 WWW.CECONLINE.COM

**MINGO JUNCTION STEEL WORKS PROPERTY  
 WEIRTON, WEST VIRGINIA  
 BROOKE AND HANCOCK COUNTIES**

Drawn By: CBL	Created By: N.J.H.	Approved By: J.E. HAZEN	Checked By: J.M.C.
Date: 5/20/2018	Scale: 1" = 600'	Project No: 096-242-0016	Sheet No: A-2

**CURRENT FACILITY  
 SUBJECT TO THIS ORDER**

**A-2**

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## **Attachment B**

### **Status of Documents Submitted to USEPA under 1996 Unilateral Administrative Order<sup>1</sup>**

#### **1. Approved Documents**

The documents listed below have been approved by USEPA under the terms of the 1996 Unilateral Administrative Order.

- Final Corrective Measures Study for Corrective Action Area XI
- RCRA Facility Investigation Report for Corrective Action Area I (C&E Outfall Area)
- RCRA Facility Investigation Report for Corrective Action Area II (Mainland Coke Plant)
- RCRA Facility Investigation Report for Corrective Action Area XI (Former BOC/Air Products Area)
- Interim Summary Report of Findings for Parcels B-11 and B19 in Corrective Action Area IX (Former Standard Lafarge Slag Processing Area)
- RCRA Facility Wide RFI Work Plan (Revised June 1999), including:
  - RCRA Facility Investigation Work Plan for Corrective Action Area I (C&E Outfall Area)
  - RCRA Facility Investigation Work Plan for Corrective Action Area II (Mainland Coke Plant)
- RCRA Facility Investigation Work Plan for Corrective Action Area III (Browns Island)
- RCRA Facility Investigation Work Plan for Corrective Action Area VI (Iron-making Area) and VII (Steel-making Area)
- RCRA Facility Investigation Work Plan for Corrective Action Area X (Former IMS Slag Processing Area)

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<sup>1</sup> This list does not include any documents related to the Interim Measures implemented at the Facility between 1998 and 2007, including Interim Measures conducted at the Detinning Plant, Oil House, Walnut Street Fueling Station, Brown Island Blue Soil, Browns Island Lagoon Soils, Browns Island Coke Oven Vent Pipes, Browns Island Tar Decanter, C&E Outfall Sumps, and Yard Office.



- RCRA Facility Investigation Work Plan for Corrective Action Area VIII (Walnut Street Junction Railyard Area) and IX (Former Standard LaFarge Slag Processing Area)
- RCRA Facility Investigation Work Plan for Corrective Action Area XI (Former BOC/Air Products Area)

## **2. Most Recently Submitted Documents for Ongoing Investigations**

Several Corrective Action Areas have ongoing RCRA facility investigations. The most recently submitted documents for those Corrective Action Areas, some of which have not yet been reviewed by USEPA, are listed below:

- Draft RCRA Facility Investigation Report for Corrective Action Area III (Browns Island)
- Preliminary RCRA Facility Investigation Report for Corrective Action Area VI/VII (Iron-making/Steel-making)
- Preliminary RCRA Facility Investigation Report for Corrective Action Area VIII/IX
- Draft RCRA Facility Investigation Report for Corrective Action Area X (Former IMS Slag Progressing Area)