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**Tishie Woodwell**  
Vice President  
Environmental Affairs

**VIA REGULAR AND ELECTRONIC MAIL**

October 15, 2020

Ms. Tamara Ohl  
U. S. Environmental Protection Agency – Region V  
77 West Jackson Blvd (MC-LU-16J)  
Chicago, IL 60604

**RE: Monthly Progress Report  
RCRA Corrective Action  
U. S. Steel – Gary Works  
IND 005 444 062**

Dear Ms. Ohl:

In accordance with Section XV, Paragraph 1 and Attachment II of the RCRA 3008(h) Administrative Order on Consent (Order), enclosed is the Monthly Progress **Report No. 261** for the project period of **September 1** through **September 30, 2020**. If you should have any comments or require additional information, please call Kevin Stetter at (412) 433-4070.

I certify that this Monthly Report was prepared under my direction or supervision in accordance with a system designed to evaluate the information submitted. I certify that the information contained in or accompanying this submittal is true, accurate, and complete. As to those identified portion(s) of this submittal for which I cannot personally verify the accuracy, I certify that this submittal and all attachments were prepared in accordance with procedures designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those 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 fine and imprisonment for knowing violators.

Sincerely,

A handwritten signature in blue ink that reads "Tishie Woodwell".

Tishie Woodwell

Enclosures

cc: M. R. Rupnow  
D. M. Shelton  
K. T. Stetter  
R. Marshall (IDEM)

**MONTHLY PROGRESS REPORT NO. 261**

**September 1 through September 30**

**U. S. STEEL GARY WORKS**

**GARY, INDIANA**

**RCRA ADMINISTRATIVE ORDER ON CONSENT**

**IND 005 444 062**

This Monthly Progress Report (Report) is submitted in compliance with Section XV, Paragraph 1 and Attachment II of the above referenced Consent Order. As specified in the Consent Order, progress reports will be submitted monthly. This report includes the period from September 1, 2020 through September 30, 2020. The next report (November 15, 2020) will include the period from October 1, 2020 through October 31, 2020.

**A. ACTIVITIES INITIATED, UNDERTAKEN AND COMPLETED**

- **Agency Involvement**

- Held a conference call with USEPA on September 9 regarding Priority Area 1 Technology evaluation.

- **Public Involvement**

- None.

- **Miscellaneous**

- Submitted RCRA monthly August progress report on September 15.

- **Facility-Wide RCRA Facility Investigation (RFI)**

- Completed 3<sup>rd</sup> quarter HWD-2 groundwater sampling on September 9.
- Completed semi-annual ISM surface and pore water sampling on September 16.
- Completed 3<sup>rd</sup> quarter ISM groundwater sampling on September 17.
- Completed 3<sup>rd</sup> quarter HWD-5 groundwater sampling on September 21.
- Evacuation of drainage tile and monthly gauging activities at the Gary Railway on September 22.
- Completed bid process and selected contractor for Priority Area 5 Air Sparge Project on September 25.
- Submitted revised Priority Area 1 technology evaluation to USEPA on September 25.
- Completed CA750 surface water sampling on September 30.
- Continued operation of Priority Area 2 air sparge pilot study through September.
- **Vessel Slip Turning Basin - Curtain**
  - None.
- **CAMU NPDES Permit**
  - On September 25, USS submitted the Discharge Monitoring Report to IDEM for August 2020.
- **TSCA PCB Alternate Disposal Method Approval**
  - None.
- **CAMU Leachate and Groundwater Monitoring**
  - Completed Annual CAMU groundwater sampling on September 4.
  - CAMU leachate monthly sampling was performed on September 10.
  - CAMU semi-annual leak detect sampling was performed on September 10.
  - Completed verification groundwater sampling at shallow downgradient well CAMU-MW-09R on September 30.
- **CAMU – Operation and Maintenance Plan**
  - IDW was disposed in CAMU Unit 2 on September 15 and 21, 2020. On September 15 disposal consisted of purged water from groundwater sampling at the CAMU and HWD-2. On September 21 disposal consisted of soil cuttings and liquids from the

Priority Area 2 Investigation in the Coke Plant SWMA and purged water from groundwater sampling at HWD-5. Air monitoring was conducted during the disposal period.

- Routine Operation and Maintenance at the CAMU continues.
- Continue operation and monitoring of the evaporative spray system.
- **CAMU Air Monitoring and Operations Plan (AMOP)**
  - Air monitoring of VOCs (BTEX) and SVOCs (naphthalene) per revised AMOP.
  - PM<sub>10</sub> monitoring at the CAMU per revised AMOP.
  - Ammonia monitoring in conjunction with the evaporative spray system.

**B. ACTIVITIES PLANNED FOR October 2020**

- **Facility Wide RFI**
  - Complete extended Area 2 air sparge pilot study.
  - Initiate Priority Area 5 ISM implementation. Monthly progress reports will be provided to USEPA beginning in November 2020.
  - Monitoring and drainage tile evacuation at the Gary Railway.
- **Vessel Slip Turning Basin (VSTB)**
  - None.
- **CAMU**
  - Continue air monitoring at the CAMU per the revised AMOP.
  - Continue monthly monitoring of CAMU leachate.
  - Shutdown and winterize evaporative spray system.
  - Perform semi-annual geosynthetic liner inspection.

**C. DEVIATIONS IN REPLY TO: PLANNED ACTIVITIES MADE DURING REPORT PERIOD**

- None.

**D. U. S. STEEL CAMU DISPOSAL REQUESTS & AGENCY RESPONSE**

- None.

**E. SUMMARY OF ENVIRONMENTAL EVENTS**

- None.

**F. NPDES VIOLATIONS**

- None.