U. S. Steel - East Chicago Tin Products
Clean Water Sewer Oil Improvement Plan
August 11, 2017

Mitigative and Investigative Activities

Action	Milestone Date / Frequency
Install baffles to retain floating oil in Manholes Nos. 6, 7, and 8	Complete
Inspect baffles for retained oil and clean as necessary	Ongoing - Twice per week
Clean downstream sewers to remove residual oil as necessary	Ongoing
Install sample taps on 6 Stand Cold Mill Heat Exchangers Nos. 1, 2, and 4	Complete
Sample 6 Stand Cold Mill Heat Exchanger discharges for Oil and Grease	Ongoing – Weekly

Corrective Actions

Action	Milestone Date / Frequency
Repair/Replace 6 Stand Cold Mill No. 1 Morg Oil Heat Exchanger Bundle	Complete

Preventive Actions

Action	Milestone Date / Frequency
Install baffles to retain floating oil in manholes with potential for future issues (13 and 14)	August 31, 2017
Inspect baffles for retained oil and clean as necessary	After installation – Twice per week
Install sample taps on remaining heat exchanger discharges or redirect to Central Treatment Plant	October 30, 2017
Sample heat exchangers which discharge to Clean Water Sewer for Oil and Grease	After installation – Weekly

A Progress Report with respect to the items specified above will be submitted by October 31, 2017. The Progress Report will include a summary of the actions taken and next steps as appropriate. Milestone dates are based on current information and may change. An interim milestone date, which is missed, is not a violation provided that the Progress Report is submitted in a timely manner.