From: MCINTIRE, KRISTY
To: Mccann, Michael
Cc: IDEM SSB Tracking; BUCKEL, STEVE; FINLEY, SARAH; Redick, Stephanie
Subject: Indiana Steel and Wire, Site # 6960203, RTE # 1585-20-C
Date: Monday, March 23, 2020 6:18:59 AM

October 2019 Groundwater Monitoring Report, dated March 12, 2020
Indiana Steel and Wire
Site # 6960203
Muncie, Allen County
VFC # 82696025

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The requested review of the October 2018 Groundwater Monitoring Report, prepared by St. John-Mittelhauser and Associates and received by Chemistry Services on March 13, 2020, has been completed. The following was noted.

Semi-annual groundwater monitoring was conducted in October 2019. Recovery wells were sampled by filling sample containers from the recovery wells. Monitoring wells (25, 25D, 72D, 74D, 74S, 75D, 75S, 90, 93, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, and 105) were sampled using low-flow sampling techniques. The samples were analyzed for zinc, lead, and copper by EPA Method 6020, ammonia by EPA Method 4500F, sulfate by EPA Method 4500E, and chloride by EPA Method 4500B. The collection and analytical methods were acceptable.

The low-flow field sheets were provided in Appendix A and were found to be acceptable. The laboratory reports and minimum data documentation requirements provided in Appendix B were found to be acceptable for groundwater monitoring.

Ammonia and zinc remain above site-specific standards. The concentration of ammonia ranged from non-detect to 4,900 mg/L (87M) and the concentration of zinc ranged from non-detect to 2,000 mg/L (87M). All other constituents were either non-detect or detected below site-specific standards. Detailed results may be found in Table 2 of the report.

Peer Reviewed By: Namrata Patel, March 20, 2020

Kristy McIntire
OLQ Chemsitry Services