

September 21, 2017

David Abshire
U.S. Environmental Protection Agency
Region 6, Groundwater/UIC Section (6SFRA)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

RE: **Tex Tin Superfund Site Texas City, TX
 Post Hurricane Harvey Sampling Event – Data Summary and Validation**

Dear Mr. Abshire,

Project Navigator (PNL), on behalf of the Tex Tin Settling Defendants, is providing the analytical data for the post Hurricane Harvey sampling event conducted on September 11, 2017 at the Tex Tin Superfund Site (Site) in Texas City, Texas. The objective of the sampling event was to provide data representative of on-Site conditions after Hurricane Harvey as requested by U. S. Environmental Protection Agency (USEPA). This letter provides a summary and validation for the sampling protocols and the analytical data.

Data Summary and Validation

PNL reviewed one data package from Xenco Laboratories (Stafford, TX) reporting the analytical results for soil samples collected September 11, 2017 at the Site. Analytical data were evaluated for conformance to the requirements of the Site's Quality Assurance Project Plan (QAPP) and SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846).

Data were reviewed as described in the QAPP and the results of this review are discussed in this Data Summary and Validation. Analyses requested included:

- Total RCRA Metals by SW6020A (soil)
- Total RCRA Metals by SW6020A (groundwater)
- Mercury by SW-846 7470A (groundwater).

Introduction

Surface soil and associated groundwater were analyzed for select metals and select VOCs using the methods listed above. All data reported in this Analytical Report are in compliance with NELAC standards. Table 1 is attached and summarizes the sample analysis.

QC Results

Quality control and method deviations are documented by the laboratory in the QC Sample Results section and the Case Narrative of the Xenco Report.

PRESERVATION AND HOLDING TIMES

Samples were received at the laboratory at temperatures below 6 degrees Celsius. Sample preparation and analyses were performed within method and QAPP holding times.

CALIBRATIONS

According to the QC Results, calibrations were within the QAPP criteria.

BLANKS

No analytes were detected in the trip and laboratory blanks.

SURROGATE RECOVERIES AND INTERNAL STANDARD AREAS

No surrogate recoveries outside the QAPP acceptance criteria were noted. According to the Case Narrative, internal standard areas were acceptable.

LABORATORY CONTROL SAMPLES

Laboratory control sample (LCS) results are flagged by the laboratory using statistically derived QC criteria. LCS recoveries were within the QAPP acceptance criteria for VOCs and for metals.

MATRIX SPIKE/MATRIX SPIKE DUPLICATES

Matrix spike/matrix spike duplicate (MS/MSD) results were not evaluated since project samples were not analyzed as MS/MSD.

FIELD PRECISION

Field duplicate samples were not collected.

SUMMARY

Analytical data are useable for the purposes of determining COC concentrations in surface soil samples collected at the Site. No significant bias in the data was observed.

Should you have any questions or concerns regarding this report, please contact me at 919-539-1928 or via email at bobp@projectnavigator.com.

Kindest Regards,

R Piniewski

Robert Piniewski
Project Navigator, Ltd.

Attachments: Xenco Laboratory Report