Message

From: Siegel, Kathryn [siegel.kathryn@epa.gov]
Sent: 6/19/2018 2:12:47 PM
To: Compher, Michael [compher.michael@epa.gov]
CC: Fuoco, Marta [fuoco.marta@epa.gov]; Hamilton, Scott [hamilton.scott@epa.gov]; Coughlin, Justin [coughlin.justin@epa.gov]
Subject: RE: cost estimate

Thanks for pulling this together. Sounds like a good plan. I will give Eileen a heads-up and please meet with Brian when he is back in the office next week to confirm both sites.

From: Compher, Michael
Sent: Tuesday, June 19, 2018 8:14 AM
To: Siegel, Kathryn <siegel.kathryn@epa.gov>
Cc: Fuoco, Marta <fuoco.marta@epa.gov>; Hamilton, Scott <hamilton.scott@epa.gov>; Coughlin, Justin <coughlin.justin@epa.gov>
Subject: cost estimate

Katie,

Marta pulled together the following proposal for another campaign to AK Steel and Gladfelter. This cost estimate is using the same an outside laboratory at HAMCO recently used their AK Steel samples. This estimate is for TO15 (summa canisters) and GC-FID analysis (charcoal tubes for 1-2 butadiene) on samples collected at both facilities each day. $990/day includes rental of all sampling equipment, subsequent analysis, and a 5-day turn-around time on final results for 4 summa canisters and 1 charcoal tube. In addition to collecting these samples, AMAS would also collect data with the GMAP, as well as use SFD's Honeywell instrument for detection of acids and glycol ether compounds (at Gladfelter only). Let us know how you would like us to proceed, or if you have questions.

1,3 – Butadiene (GC-FID); Charcoal Tube ($75/$15 - pump)
VOC (GC/MS); TO-15 ($225)

3 upwind +1 downwind + 1 charcoal tube per day per location = $990 / day
2 days (AK Steel) = $1980
1 day (Gladfelter) = $990
Total = $2970

Michael Compher
Chief, Air Monitoring and Analysis Section
Region 5 Air and Radiation Division
U.S. Environmental Protection Agency
Phone: 312-886-5745