

From: [Soo, Kit, Env. Health](#)
To: ["Christina Kennedy"](#)
Cc: [Mark Tussing](#); [Roe, Dilan, Env. Health](#)
Subject: RE: RO0289 Two Additional Soil Vapor Probe Locations - Owens-Brockway Glass, Oakland
Date: Tuesday, April 18, 2017 8:46:00 AM

Chris, thank you for informing us. I will upload this to geotracker and ftp file as acknowledgement.

Kit

From: Christina Kennedy [mailto:ckennedy@geologist.com]
Sent: Wednesday, April 12, 2017 10:01 AM
To: Soo, Kit, Env. Health <Kit.Soo@acgov.org>
Cc: Mark Tussing <Mark.Tussing@o-i.com>
Subject: RO0289 Two Additional Soil Vapor Probe Locations - Owens-Brockway Glass, Oakland

Good morning Kit, as discussed in our meeting on March 29, 2017 and at your site visit on March 30, 2017, CKG would like to install two additional nested soil vapor probes at the locations shown on the attached ammended drawing from CKG's "*Work Plan to Complete a Limited Soil and Groundwater Assessment, Oil/Water Separator, Owens-Brockway Glass Container Facility 3600 Alameda Avenue, Oakland*" dated February 27 2017.

Two soil vapor probes will be installed at each location at depths of 5 feet and 10 feet below grade. Probes will be installed in accordance with CKG's "*Revised Work Plan to Complete a Soil Vapor Investigation. Owens-Brockway Glass Container Facility, 3600 Alameda Avenue, Oakland*" dated October 13, 2016. A schematic showing the construction details for the nested probes is also attached.

Soil vapor samples will be collected a minimum of 48 hours after installation using the sampling protocol described in CKGs October 13, 2016 work plan and will be analyzed for the following:

- TPHg, TPHd using USEPA Method TO-15
- PAHs using USEPA Method TO-17
- VOCs using USEPA Method TO-15
- Methane using ASTM Method D1946-90.
- Oxygen and carbon dioxide using ASTM D1946
- Helium using ASTM D1946

The objective of installing these two nested soil vapor probes is to assess the effect of soil excavation and backfill with clean material to the presence of petroleum hydrocarbon, volatile organic, and methane vapors. The nested probes are installed in formerly excavated areas.

CKG has scheduled this work to occur on May 5, 2017. Please feel free to contact me if you have any questions or need additional information.

Chris Kennedy
CKG Environmental, Inc.