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**REDACTED**

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**From:** Nik Bacher <nbacher@anchorqea.com>  
**Sent:** Saturday, April 1, 2023 6:19 AM  
**To:** Young, Hunter <young.hunter@epa.gov>; Peterson, Lance <petsersonle@cdmsmith.com>  
**Cc:** Bob Wyatt <rjw@nwnatural.com>; Patricia Dost <pdost@pearllegalgroup.com>; Ryan Barth <rbarth@anchorqea.com>; Jen Mott <jmott@anchorqea.com>; Joe Smith <jsmith@anchorqea.com>; Billie-Jo Gauley <bgauley@anchorqea.com>; Crystal, Mike <mdcrystal@sevenson.com>  
**Subject:** Gasco Sediments Site Additional Depth of Contamination Characterization Investigation Daily Progress Report 03/31/2023

Hi Hunter,

The following is the March 31, 2023, daily progress report for the additional depth of contamination study investigation being conducted at the Gasco Sediments Site Project Area in accordance with the U.S. Environmental Protection Agency (EPA) approved *Revised Additional Dept of Contamination Characterization Addendum within the Gasco Sediment Site Project Area* (Addendum) dated March 1, 2023 (Anchor QEA 2023). This was the fifth day of the investigation, and this completes the early work window the contractor was available for barge-mounted sonic borings. The remainder of the barge-mounted sonic borings will be initiated on June 26, 2023. We will resume the work again starting April 3, 2023, to complete the angled riverbank borings.

#### **Personnel On Site**

- Nina Maas, Hayley Sharkey, Sasha Norwood, James Melton, Steve Strehl, and Reed Peloquin (Anchor QEA, LLC); Allen Frasier (Diversified Marine); Jeffrey Johnson, Javier Anaviano, and Esteban Marquez (Holt Drilling)
- Oversight: None
- Visitors: None

### **Subsurface Sediment Sampling Program**

- PDI-203: Attempt # 1 was advanced to a total depth of 34.1 ft below mudline and PDI-203 Attempt # 2 was advanced to a total depth of 20 ft below mudline. The second attempt completed (due to low recovery in the shallower intervals in Attempt # 1) was advanced approximately 8 ft away from the first attempt. Subsurface sediment were logged from 5-35 ft below mudline in the combined attempts. Samples were collected in accordance with the Addendum as follows:
  - Vertical Unbounded DOC prior to core collection: 33.4 ft below mudline
  - Observed DOC (based on visual and olfactory indicators) in PDI-203: 27 ft below mudline
  - Samples collected:
    - 20-21, 21-22, 26-27, and 33-34.1 ft (co-located with the currently identified DOC from historical geoprobe location GP-28) below mudline (selected for analysis from Attempt # 1; gaps in intervals selected adjusted to reflect recovery in each 5-ft boring advance)
    - 22-23, 23-24, 24-24.8, 25-26, 27-28, 28-29, 29-29.6, 30-31, 31-32, and 32-33 ft below mudline (archived from Attempt # 1 because it is unclear if the depth intervals selected for analysis will result in an exceedance of the ROD Table 21 RALs and PTW thresholds; gaps in intervals selected adjusted to reflect recovery in each 5-ft boring advance)
    - 13-14, 14-15, 15-16, 16-17, 17-18, and 18-18.7 ft below mudline (archived from Attempt #2 because it is unclear if the depth intervals selected for analysis from Attempt #1 will result in an exceedance of the ROD Table 21 RALs and PTW thresholds; gaps in intervals selected adjusted to reflect recovery in each 5-ft boring advance)

### **Health and Safety**

- No reportable incidents

### **Samples Shipped**

- No samples were submitted to the laboratory today

### **Substantive Discussions with EPA Oversight**

- None

### **Deviations**

- None

### **Niklas Bacher, L.G., P.G.**

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**ANCHOR QEA,LLC**

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