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From: Nik Bacher <nbacher@anchorqea.com>

Sent: Wednesday, March 29, 2023 7:08 AM

To: Young, Hunter <young.hunter@epa.gov>; Peterson, Lance <petersonle@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 03/28/2023

Hi Hunter,

The following is the March 28, 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 second day of the investigation.

Personnel On Site

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

Subsurface Sediment Sampling Program

- PDI-200 was advanced to a total depth of 30 ft below mudline and subsurface sediment were logged from 20-30 ft below mudline. Samples were collected in accordance with the Addendum as follows:
 - Vertical Unbounded DOC prior to core collection: 24.3 ft below mudline
 - Observed DOC (based on visual and olfactory indicators) in PDI-200: 23.4 ft below mudline

- Samples collected:
 - 23-24, 24-24.8, 25-26, and 26-27 ft below mudline (selected for analysis, gaps in intervals selected adjusted to reflect recovery in each 5-ft boring advance)
 - 27-27.8 ft below mudline (archived, gaps in intervals selected adjusted to reflect recovery in each 5-ft boring advance)

- PDI-196 (Attempt #2) was advanced to a total depth of 30 ft below mudline and subsurface sediment were logged from 15-30 ft below mudline Attempt #1 was abandoned after the 20-25 foot drilling push encountered gravel and returned low recovery. The barge position was slightly adjusted and Attempt #2 was successfully completed. Samples were collected in accordance with the Addendum as follows:
 - Vertical Unbounded DOC prior to core collection: 14.3 ft below mudline
 - Observed DOC (based on visual and olfactory indicators) in PDI-196: 22.2 ft below mudline
 - Samples collected:
 - 20-21 ft below mudline (archived in one-ft interval)
 - 21-22, 22-22.9, 25-26, 26-27, and 27-28 ft below mudline (selected for analysis, gaps in intervals selected adjusted to reflect recovery in each 5-ft boring advance)
 - 28-28.5 ft below mudline (archived, gaps in intervals selected adjusted to reflect recovery in each 5-ft boring advance)

- PDI-198 was advanced to a total depth of 25 ft below mudline and subsurface sediment were logged from 15-25 ft below mudline. Samples were collected in accordance with the Addendum as follows:
 - Vertical Unbounded DOC prior to core collection: 16.5 ft below mudline
 - Observed DOC (based on visual and olfactory indicators) in PDI-198: 18.1 ft below mudline
 - Samples collected:
 - 16-17 ft below mudline (archived in one-ft interval)
 - 17-18, 18-19, 19-19.5, and 20-21 ft below mudline (selected for analysis, gaps in intervals selected adjusted to reflect recovery in each 5-ft boring advance)
 - 21-22, 22-23, and 23-24 ft below mudline (archived, 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

Please let us know if you have any questions

Niklas Bacher, L.G., P.G.

Director of Field Services
Senior Managing Geologist

ANCHOR QEA, LLC

nbacher@anchorqea.com

949 Market Street, Suite 700

Tacoma, WA 98402

T 206.287.9130

D 206.903.3376

C 206.351.0951

ANCHOR QEA,LLC

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