

June 5, 2020

Hunter Young  
U.S. Environmental Protection Agency Region 10  
1200 6<sup>th</sup> Avenue  
Seattle WA, 98101

**Subject: Request Approval of 2019 Sediment Data Collected by BP within the B1a Remedial Design Project Area**

Dear Mr. Young,

On behalf of the B1a Group, I am requesting EPA approval of validated surface and subsurface sediment data collected adjacent to the BP West Coast Products Terminal in July 2019. The B1a Group would like to consider these data during remedial design of B1a Area. These data were submitted to EPA on May 11, 2020 requesting agency review, approval, and posting to the Portland Harbor Superfund Site data portal (see Attachment A). These data have been validated by contractor (as reported in *Data Report 2019 Former Terminal 22T Sediment Investigation, Haley & Aldrich, Jan 2020*) and by EPA (10% QC review) and deemed acceptable for use.

Please do not hesitate to contact Anne Fitzpatrick at work (206)-496-1461 or Laura McWilliams of Haley&Aldrich at (619)-285-7102 if you have any questions.

Sincerely,



Anne Fitzpatrick, LHG  
Project Coordinator for B1a Group  
Geosyntec Consultants

Cc: Laura McWilliams, Haley&Aldrich, Inc.  
Charles, Carmel, BP Products North America Inc.

Hunter Young, EPA  
June 5, 2020  
Page 2

## Attachment A. Email Correspondence

---

**From:** Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>  
**Sent:** Friday, May 22, 2020 4:48 PM  
**To:** McWilliams, Laura <[LMcWilliams@haleyaldrich.com](mailto:LMcWilliams@haleyaldrich.com)>  
**Cc:** Carmel, Charles <[charles.carmel@bp.com](mailto:charles.carmel@bp.com)>; [stephen.goodman@millernash.com](mailto:stephen.goodman@millernash.com); Nicole McLaughlin ([Nicole.McLaughlin@MillerNash.com](mailto:Nicole.McLaughlin@MillerNash.com)) <[Nicole.McLaughlin@MillerNash.com](mailto:Nicole.McLaughlin@MillerNash.com)>  
**Subject:** RE: Portland Harbor B1a Area: Use of BP data

CAUTION: External Email

---

Laura,

Thank you for reformatting for us, this looks great. I am going to reach out to the Project Coordinator for the B1a Project Area to discuss loading this information to the PH Data Portal as part of the work.

Thanks,

Hunter Young  
U.S. Environmental Protection Agency  
Region 10 - Oregon Operations Office  
[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)  
7632.2274.5773

---

**From:** McWilliams, Laura <[LMcWilliams@haleyaldrich.com](mailto:LMcWilliams@haleyaldrich.com)>  
**Sent:** Tuesday, May 19, 2020 12:28 PM  
**To:** Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>  
**Cc:** Carmel, Charles <[charles.carmel@bp.com](mailto:charles.carmel@bp.com)>; [stephen.goodman@millernash.com](mailto:stephen.goodman@millernash.com); Nicole McLaughlin ([Nicole.McLaughlin@MillerNash.com](mailto:Nicole.McLaughlin@MillerNash.com)) <[Nicole.McLaughlin@MillerNash.com](mailto:Nicole.McLaughlin@MillerNash.com)>  
**Subject:** Portland Harbor B1a Area: Use of BP data

Good afternoon Hunter,

On behalf of ARC/BP, H&A has prepared the attached revised EDD. It includes the totals that you requested, and should be in a format that is easier for posting to the data portal. Please let me know if you have any difficulties accessing the file or would like it transmitted in a different format.

I would also like to introduce you to Charles Carmel (Chuck) who has taken over for Kyle Christie as the ARC/BP lead for this project. Please update your records using the outlook contact card attached.

Thank you,  
Laura

**Laura McWilliams, PhD**  
Senior Associate | Sediment Specialist  
**Haley & Aldrich, Inc.**  
5333 Mission Center Road, Suite 300  
San Diego, CA 92108  
T: 619.285.7102  
C: 619.990.6421

Letter to EPA\_BP Data Approval

Hunter Young, EPA  
June 5, 2020  
Page 3

---

**From:** Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>  
**Sent:** Monday, May 11, 2020 8:30 AM  
**To:** Christie, Kyle A. <[kyle.christie@bp.com](mailto:kyle.christie@bp.com)>  
**Cc:** McWilliams, Laura <[LMcWilliams@haleyaldrich.com](mailto:LMcWilliams@haleyaldrich.com)>  
**Subject:** RE: Portland Harbor B1a Area: Use of BP data

**CAUTION: External Email**

---

Kyle,

EPA has done a 10% QA review of the 2019 data and has found that these data are of acceptable quality for use during RD at the Portland Harbor Superfund. However, we request that the data be provided in a more final format for greater ease of use. Deficiencies in the data files as provided currently are detailed below:

- Separate electronic data deliverables (EDDs) were provided to EPA with location information, field sample information, and laboratory results. We recommend that a single data file be developed that combines all this information
- The format for the result values and final validation qualifiers in the lab results EDD is atypical and decreases ease of use with the data. We recommend the data be reformatted to follow a more standard data file structure. Examples can be found on the interim portal
- Analyte totals for PCBs, PAHs, cPAHs (BaP eq), and DDX are not included in the lab results EDD. We recommend that these values be provided in a final data file following FS summing rules

Making these changes will enable us to post this data to the Portland Harbor interim data portal.

Let me know if you have any questions.

Hunter Young  
U.S. Environmental Protection Agency  
Region 10 - Oregon Operations Office  
[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)  
(503)-326-5020

---

**From:** Christie, Kyle A. <[kyle.christie@bp.com](mailto:kyle.christie@bp.com)>  
**Sent:** Thursday, April 16, 2020 9:59 AM  
**To:** Young, Hunter <[Young.Hunter@epa.gov](mailto:Young.Hunter@epa.gov)>  
**Cc:** Christie, Kyle A. <[kyle.christie@bp.com](mailto:kyle.christie@bp.com)>; Laura McWilliams ([LMcWilliams@haleyaldrich.com](mailto:LMcWilliams@haleyaldrich.com)) <[LMcWilliams@haleyaldrich.com](mailto:LMcWilliams@haleyaldrich.com)>  
**Subject:** Portland Harbor B1a Area: Use of BP data

Hunter,

In early April I mailed the attached letter to you, along with two flash drives, each containing the same files.

The USPS indicates that my package was received at the EPA's Oregon Operations Office, 805 SW Broadway Suite 500, Portland OR 97205-3331 on April 6<sup>th</sup>. Did you receive the letter and flash drives? If not I can e-mail you the files.

Also thank you for participating in the B1a "meet & greet" call last Friday.

Kyle Christie

On behalf of Atlantic Richfield Company

Letter to EPA\_BP Data Approval