



Jared Blumenfeld
Secretary for
Environmental Protection



Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
700 Heinz Avenue
Berkeley, California 94710-2721



Gavin Newsom
Governor

January 19, 2021

Greg Haet, P.E.
EH&S Associate Director, Environmental Protection
Office of Environment, Health & Safety
University of California, Berkeley
University Hall, 3rd Floor, #1150
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REVISED CORPORATION YARD, TRIPLICATES SAMPLING APPROACH,
UNIVERSITY OF CALIFORNIA BERKELEY RICHMOND FIELD STATION SITE,
RICHMOND, CONTRA COSTA COUNTY (SITE CODE: 201605)

Dear Mr. Haet:

The Department of Toxic Substances Control (DTSC) received the Corporation Yard, Triplicates Sampling Approach, Revised letter (Sampling Approach), dated December 18, 2020, for the University of California Berkeley (UC), Richmond Field Station site located at 1301 South 46th Street in Richmond, California. The Sampling Approach was prepared by Tetra Tech, Inc. on behalf of UC and was revised to respond to comments provided by DTSC in a letter dated October 27, 2020. The Sampling Approach proposes to conduct additional data gap sampling at the southern portion of the Corporation yard using the incremental sampling method. DTSC program, Geological Services Branch (GSU), and Human and Ecological Risk Office (HERO) reviewed the revised Sampling Approach and have no further comments; therefore, the Sampling Approach is approved. Enclosed for your information is a memorandum prepared by HERO.

Within 30 days of the date of this letter, submit a final hard copy and electronic document containing all attachments. All electronic files should be smaller than 100 MB in size and should be emailed to Lynn Nakashima at the address below.

In addition, provide DTSC with at least two weeks' notice prior to implementation of the field work.

Greg Haet, PE
January 19, 2021
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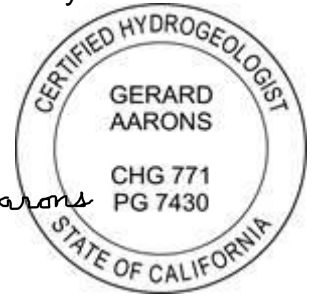
If you have any questions regarding this letter, please contact Lynn Nakashima by email at Lynn.Nakashima@dtsc.ca.gov.

Sincerely,

Lynn Nakashima

Lynn Nakashima
Senior Environmental Scientist
Site Mitigation and Restoration Program
Department of Toxic Substances Control

Gerard F. Aarons



Gerard F. Aarons, PG, CHG
Senior Engineering Geologist
Site Mitigation and Restoration Program
Geological Services Branch

Enclosure: HERO Memorandum

cc: (via email)

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MEMORANDUM

TO: Lynn Nakashima
Project Manager
Site Mitigation and Restoration Program
700 Heinz Avenue
Berkeley, California 94710-2721

FROM: Karen W. DiBiasio, Ph.D. *Karen W. DiBiasio*
Staff Toxicologist
Human and Ecological Risk Office (HERO)
Site Mitigation and Restoration Program

DATE: December 22, 2020

SUBJECT: UC BERKELEY – RICHMOND FIELD STATION, CORPORATION YARD,
RICHMOND, CALIFORNIA

ISM SAMPLING PLAN

Project Code: 201605-00 Activity Code: 11018 MPC Code : OTHplan

DOCUMENT REVIEWED

HERO reviewed the December 18, 2020 letter with the subject “Corporation Yard, Triplicates Sampling Approach, Revised, Richmond Field Station, University of California, Berkeley” (Letter) prepared by Tetra Tech in Oakland, California.

BACKGROUND

The Richmond Field Station (RFS) Corporation Yard (Corp Yard or Site) had surface releases of PCBs in transformer oil and is currently used primarily for parking of PG&E trucks. Additional sampling for PCBs is proposed using the incremental sampling method (ISM) as a follow-up to the removal action conducted at the Corporation Yard in 2017-2018 and data gap sampling presented in the Corporation Yard Data Gaps Sampling Results letter dated November 22, 2019. The Letter also provides clarifications regarding the ISM results presented in the November 22, 2019 letter, recent teleconferences on the relative

standard deviation (RSD) of laboratory and field replicates and the calculation of the weighted 95 percent upper confidence limit of the arithmetic mean (95%UCL), HERO's August 11, 2020 comments provided in the DTSC letter dated October 27, 2020 and HERO's December 17, 2020 comments on the November 6, 2020 letter from Tetra Tech with the subject "Corporation Yard, Triplicates Sampling Approach, Revised, Richmond Field Station, University of California, Berkeley" that were discussed with the entire team in a video conference meeting on December 14, 2020.

SCOPE OF REVIEW

The review comments herein focus solely on the ISM sampling for PCBs and use of the ISM results to calculate a 95%UCL.


COMMENTS


HERO Concur with the Proposal: All of HERO's comments have been adequately addressed. HERO recommends implementing the proposed sampling and analysis for PCBs.


CONCLUSIONS

HERO reviewed the December 21, 2020 letter for additional PCBs ISM sampling and analysis at the UC Berkeley Richmond Field Station Corp Yard. HERO concurs with the proposed ISM sampling and recommends implementing the proposed sampling and analysis for PCBs.

Please contact me at (916) 255-6633 or Karen.DiBiasio@dtsc.ca.gov if you have any questions.

Reviewed by: Vivek Mathrani, Ph.D., DABT
Staff Toxicologist 
Human and Ecological Risk Office
Brownfields and Environmental Restoration Program

Brian P. Endlich, Ph.D. 
Senior Toxicologist
Chief, Central California Unit
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Concur: Claudio Sorrentino, Ph.D. 
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