

SMP FORM B: SAMPLING, DATA EVALUATION, SOIL MANAGEMENT ACTION

Project Name: B277 Strong Floor
 Tracking Number: 20210511 Revision Number: NA
 SMP Form B Initiation Date: 05/11/2021
 EH&S Point of Contact: Greg Haet

If this form has not been approved or no activities have occurred for 1 year, the information contained herein must be reviewed and updated as necessary prior to work occurring in the project area.

1. Sampling Design (attach Sampling Strategy Memorandum)


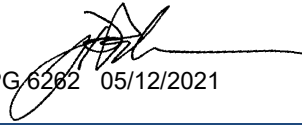
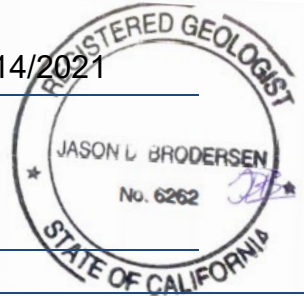
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| a. SMP Areas Affected | SMP Areas 8/9 (split between two SMP areas) |
| b. Sampling Density and Planned Number of Sample Locations | Per SMP, B277 is split between "high" and "medium" sampling density areas. Will use requirement for "high" density (one sample per 5,625 sq ft), resulting in two samples since footprint of excavation is 9,000 sq ft. The purpose of the sampling is to evaluate worker protection during the excavation and ensure no unacceptable contaminants are deposited on-site. Given the depth of the incoming concrete slab (3 to 4 feet thick), there are no samples proposed beneath the slab, as there is no potential for future construction or maintenance work to breach the slab. |
| c. Chemicals of Concern and Summary of Existing Data | Possible presence of cinders; do not expect to encounter any other contaminants. Per SMP, propose to sample for arsenic, mercury, lead, PCBs and PAHs. |
| d. Sampling Depths and Intervals | Collect four soil samples beneath existing slab at two randomly chosen locations at the surface and 2.5 feet below surface at each location. |
| e. Project is within area of GW above screening criteria | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, consult RAW, notify DTSC |
| f. Sampling design meets all SMP prescriptive requirements | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> UC Berkeley is not proposing to sample at the new surface or 2.5 feet below the new surface intended to evaluate future commercial or maintenance activities. If No, DTSC concurrence received? Yes <input type="checkbox"/> No <input type="checkbox"/> |

2. Data Evaluation (Post-Sampling) (attach Data Summary Report)

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| a. Sampling Design Implemented | Yes <input type="checkbox"/> No <input type="checkbox"/> If No, describe deviations: |
| b. Sample Results Meet Category I | Yes <input type="checkbox"/> No <input type="checkbox"/> <i>Consult SMP Table 3</i> If Yes, submit summary report with SMP Form B If sample results indicate unanticipated contamination or discovery, notify DTSC |
| c. Soil Exceeding Category I is Defined Vertically and Laterally | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> If No, consult sampling requirements or defer to excavation confirmation sampling |
| d. Soil Meets Category II Criteria | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> Soil proposed for on-site management requires plan Soil above Category II criteria requires excavation plan |

3. Soil Management Action (attach On-Site Management or Soil Excavation Plan)

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|---|--|
| a. On-Site Management Plan Meets SMP Requirements | Yes <input type="checkbox"/> No <input type="checkbox"/> <i>Consult SMP Section 4.3</i> If No, provide explanation or contact DTSC: |
| b. Excavation Plan Meets SMP Requirements | Yes <input type="checkbox"/> No <input type="checkbox"/> <i>Consult SMP Section 4.3</i> If No, provide explanation or contact DTSC: |

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|--|---|
| <p>4. SMP Form B Approval a. Greg Haet, Project Coordinator, EH&S</p> |  05/12/2021 _____ (Signature, Date) |
| <p>b. Scott Shackleton, Facilities Management, UCB, College of Engineering</p> <p>c. Jason Brodersen, PG No. 6262 Professional Civil Engineer or Geologist</p> | <p>S. E. Shackleton 5/14/2021 _____ (Signature, Date)</p> <p>  Jason Brodersen, PG 6262 05/12/2021 _____ (Name, Signature, Date, Stamp)</p>  |
| <p>5. References Used to Complete Form</p> | <p style="text-align: right;"><i>Include names and dates of documents</i></p> |