
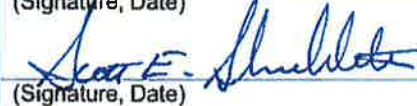


**Berkeley Global Campus at Richmond Bay
Soil Management Plan
Project Approval Checklist
University of California**

SMP FORM A: PROJECT OVERVIEW

1. Tracking No, Revision No. and Date:	SMP Project 20141024-SEISMIC <i>If after 6 months the project has not proceeded to the next step, the information on this form must be reviewed and updated as necessary.</i>		
2. Project Name:	LBNL Fiber Optic Distributed Acoustic Sensor (DAS) Survey		
3. Description:	Installation of fiber optic cable in two trenches, each approximately 300 feet long, west of B400. The trenches will be approximately 2 feet deep and 1 foot wide. An array of geophones will be placed on the surface as well as a small mobile trailer. Three temporary power poles will be installed: two in imported fill at B400 and one within undisturbed soil. Project features are shown on the attached figure. <p align="right">Attach figure identifying project location</p>		
4. Points of Contact:	Name: Karl Hans	Position: Senior Env Scientist, EH&S	
	Email: khans@berkeley.edu	Phone: (510) 643-9574	
5. Estimated Schedule:	Excavation proposed for October 2014		
6. DTSC Work Notice Requirements	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	If Yes, notify DTSC 14 days prior to activity
7. Impacts to Piezometer Network	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Piezometer ID: If Yes, notify DTSC
8. Affected Area Overlaps with NOS?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	If Yes, implement mitigation measures per RBC Environmental Impact Report
9. Radiological Status Have radioactive materials been used within the project area? If yes, have buildings within the project area been properly decontaminated, decommissioned, and cleared by CDPH?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If No, contact CDPH; do not investigate project area until it is cleared by CDPH
10. Total Volume of Soil Excavation Planned and New Hardscape	~45 cubic yards; no new hardscape <u>Calculations/Assumptions:</u> 600 x 2 x 1 = 1,200 cubic feet = 44 cubic yards. All soil will be replaced directly into the trench covering the fiber optic sensor. Up to 1 cubic yard of soil may be impacted by electric poles.		
11. De Minimis Status	Project exempt from SMP prescriptive requirements based on volume (< 10 CY or 500 square feet of hardscape)? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
12. Notes:	UC EH&S will prepare SMP Form B with a sampling strategy memorandum following DTSC concurrence with this Form A.		
13. SMP Form A Approval a. Greg Haet, Project Coordinator, EH&S	 11/03/2014 (Signature, Date)		
b. Scott Shackleton, Facilities Management, UCB, College of Engineering	 11/3/2014 (Signature, Date)		
c. Professional Civil Engineer or Geologist	_____ (Name, Signature, Date, Stamp)		


Jason Brodersen, P.G., No 6262

