Berkeley Global Campus at Richmond Bay Soil Management Plan Project Approval Checklist

University of California

	SM	P FORM A	PROJEC	TOVERVIEW	
1. Tracking No, Revision No. and Date:	SMP PROJECT 201910NRLFP4-Retention 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.				
2. Project Name:	Northern Regional Library Facility (NRLF) Phase 4 Bio Retention Pond				
3. Description:	Bio-retention basin as part of storm water mitigations associated with the construction of the NRLF Phase 4 (Figure 1). The retention basin has an area of 6,220 square feet, and will be approximately 2 feet below the existing grade. The final design calls for revegetation and installation of an erosion control blanket (Figure 2) Attach figure identifying project location				
4. Points of Contact:	Name: Alicia Bihler			Position: EH&S Project Manager	
5. Estimated Schedule:	Email: abihler@berkeley.edu Phone: (510) 725-2528 Construction schedule of NRLF began in May 2019, and will continue through August 2020. 2020. 1000000000000000000000000000000000000				
6. DTSC Work Notice Re		Yes 🗌	No 🛛	If Yes, notify DTSC 14 days prior to activity	
7. Impacts to Piezometer Network		Yes 🗆	No 🛛	Piezometer ID: If Yes, notify DTSC	
8. Affected Area Overlaps with NOS?		Yes	No 🛛	If Yes, implement mitigation measures per RB0 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	No 🛛 No	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		460 CY <u>Calculations/Assumptions:</u> Area (retention pond footprint) x Depth: 6,220 sq ft x 2 ft = 460 CY No hardscape planned, area to be reseeded and covered with permeable erosion control blanket			
11. De Minimis Status		Project exempt from SMP prescriptive requirements based on volume (< 10 CY or 500 square feet of hardscape)? Yes No X			
12. Notes:		Soil was excavated and disposed of offsite. Sampling will be conducted per the SMP to 2.5 ft below the final grade to characterize remaining soil.			
 13. SMP Form A Approval a. Greg Haet, Project Coordinator, EH&S b. Scott Shackleton, Facilities Management, UCB, College of 		(Signature, Date) S. C. Shackeleton 10/25/88			
Engineering c. Professional Civil Engineer or Geologist		(Signature, Date) Jason Brodersen 10/25/2019 (Name, Signature, Date, Stamp)			

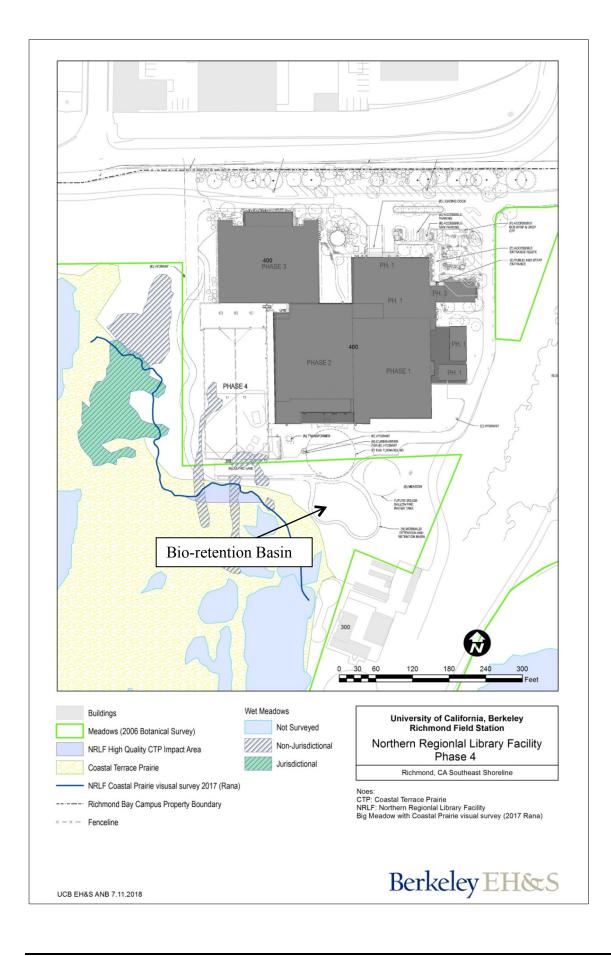
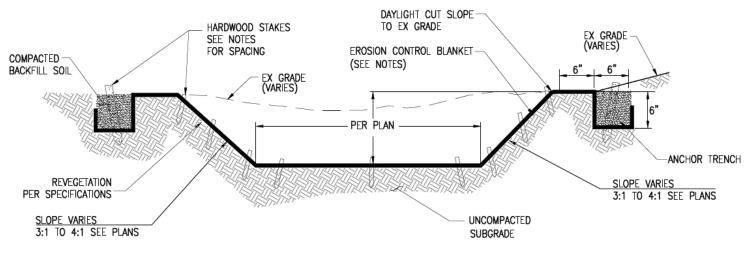


Figure 2. Section of Bio-retention Basin



SECTION

NOTES:

- EROSION CONTROL BLANKET SHALL BE DEKOWE 900 100% COIR FABRIC OR PRODUCT EQUAL.
- 2ED 2. STAKES SHALL BE 10 TO 12 INCHES IN LENGTH, HARDWOOD, OR AS APPROVED BY ENGINEER.
- SOIL. 3. INSTALL EROSION CONTROL BLANKETS BEGINNING AT THE DOWNSTREAM END OF THE BASIN, WORKING UP AND ACROSS THE SWALE IN SHINGLE PATTERN SO THE BLANKETS ARE OVERLAPPED PERPENDICULAR TO THE FLOW LINE. OVERLAP BLANKETS SO FLOW DOES NOT PIPE OR UNDERMINE BLANKETS.
 - 4. STAKE DOWN ON AN AVERAGE 2 STAKES PER SQUARE YARD IN A DIAMOND PATTERN.
 - 5. ANCHOR BLANKETS IN ANCHOR TRENCHES WITH HARDWOOD STAKES ON 1-FOOT CENTERS, BACKFILL ANCHOR TRENCH AND COMPACT LOOSE SOIL.



IMPLEMENTATION STEPS FOR REVEGETATION

- 1. SPREAD SOIL AMENDMENTS
- 2. TILL SOIL AND INCORPORATE AMENDMENTS TO DEPTH OF 4"-6".
- 3. SPREAD AND RAKE SEED MIX
- 4. INSTALL EROSION CONTROL BLANKET
- 5. TEMPORARY IRRIGATION