

Appendix II: Actual Hours

Task #	Description	Senior Engineer				Engineer				Lab Tech				Intern				Administrative Assistant			
		Abdullah	Alex	Tyler	Brooke	Abdullah	Alex	Tyler	Brooke	Abdullah	Alex	Tyler	Brooke	Abdullah	Alex	Tyler	Brooke	Abdullah	Alex	Tyler	Brooke
1	Site Investigation					8	8	8	8										2		2
1.1	Surveying						8							6	2	8	8				
1.2	Collect Soil Samples from Site									1			1								
1.3	Physical Site Analysis						1	1	1												
2	Identify Problem Area of Cap						2														
2.1	Soil Analysis																				
2.1.1	Geotech Lab Work																	1			
2.1.1.1	Sieve Test								1	2.5			3								
2.1.1.2	Hydrometer Test								2				6								
2.1.1.3	Permeability Test							2				4									
2.1.1.4	Compressive Strength Test						2			1	4	4									
2.1.2	Analyze Soil Test Results						1	3	1												
2.2	Topographic Analysis						2		5								1				
2.3	Hydrologic Analysis													2							
2.3.1	Define Channels						3		1				1								
2.3.2	Determine Runoff Flows						3														
3	Design Alternatives and Qualifications																				
3.1	Define Criteria	1	1	2	1		2	4	2												
3.2	Determine Design Alternatives						18	19	17						4	4					
3.3	Cost Estimates						2	5	3					3	3	4					
4	Design Work																				
4.1	Choose and Create Design		7	7	5																
4.2	Draft Design						8	2	2												
5	Project Management																				
5.1	Meetings																	15	33	32	33
5.2	Website																	6			
	50% Design Report						2	3	4									5	6	6	
5.3	Final Design Report		4	4	4			5											5	5	5
5.4	Final Presentation		6	6	6													7	6	8	
Individual Totals		Abdullah	34.5			Alex	145			Tyler:	143			Brooke:	145						
Category Totals			54				169				27.5				45					172	