

Shultz Creek Restoration

ID	Task Name	Duration	Start	Finish	Aug 11, '13		Sep 1, '13			Sep 22, '13		Oct 13, '13			Nov 3, '13		Nov 24, '13				
					M	T	W	T	F	S	S	M	T	W	T	F	S	S	M		
1	<b>1- Project Management</b>	<b>82 days</b>	Thu 8/15/13	Fri 12/6/13																	
2	<b>SCRIP Team Meetings</b>	<b>82 days</b>	Thu 8/15/13	Fri 12/6/13																	
3	Meeting agenda/minutes																				
4	Status Reports																				
5	Timeline																				
6	Hour Tracking																				
7	<b>Technical Advisor Communication</b>	<b>82 days</b>	Thu 8/15/13	Fri 12/6/13																	
8	Meeting agenda/minutes																				
9	Status Reports																				
10	<b>Client Communication</b>	<b>82 days</b>	Thu 8/15/13	Fri 12/6/13																	
11	Meeting agenda/minutes																				
12	Status Reports																				
13	<b>Permitting</b>	<b>82 days</b>	Thu 8/15/13	Fri 12/6/13																	
14	404 Permit Application	4 days	Wed 9/11/13	Mon 9/16/13																	
15	Archaeological study approval	2 days	Thu 9/12/13	Fri 9/13/13																	
16	ADOT Project Approval	3 days	Fri 9/13/13	Tue 9/17/13																	
17	SHPO Permit	3 days	Mon 9/16/13	Wed 9/18/13																	
18	<b>2- Preliminary Site Characterization</b>	<b>16 days</b>	Thu 8/22/13	Thu 9/12/13																	
19	<b>Topographic Survey</b>	<b>4 days</b>	Thu 8/22/13	Tue 8/27/13																	
20	Survey Point List	3 days	Thu 8/22/13	Mon 8/26/13																	
21	Preliminary Site Topography	2 days	Mon 8/26/13	Tue 8/27/13																	
22	<b>Geotechnical Study</b>	<b>12 days</b>	Wed 8/28/13	Thu 9/12/13																	
23	Field Notes	3 days	Wed 8/28/13	Fri 8/30/13																	
24	Soil Sieve Analysis Report	6 days	Wed 8/28/13	Wed 9/4/13																	
25	Soil Analysis and Classification	6 days	Thu 9/5/13	Thu 9/12/13																	
26	<b>3 - Hydrologic Analysis</b>	<b>10 days</b>	Fri 9/13/13	Thu 9/26/13																	
27	<b>Hydrology</b>	<b>9 days</b>	Fri 9/13/13	Wed 9/25/13																	
28	Watershed Delineation Report	3 days	Fri 9/13/13	Tue 9/17/13																	
29	Preliminary HEC-RAS Report	4 days	Sat 9/21/13	Wed 9/25/13																	
30	<b>Channel Classification</b>	<b>4 days</b>	Sat 9/21/13	Thu 9/26/13																	
31	Rosgen Classification Results	5 days	Sat 9/21/13	Thu 9/26/13																	
32	<b>4 - Design Alternatives</b>	<b>24 days</b>	Sun 9/29/13	Wed 10/30/13																	
33	<b>Take No Action</b>	<b>4 days</b>	Sun 9/29/13	Thu 10/3/13																	
34	HEC-RAS Model	5 days	Sun 9/29/13	Thu 10/3/13																	
35	Lifespan Estimate	5 days	Sun 9/29/13	Thu 10/3/13																	
36	<b>Concrete Lined Channel</b>	<b>6 days</b>	Mon 10/7/13	Mon 10/14/13																	
37	HEC-RAS Model	6 days	Mon 10/7/13	Mon 10/14/13																	
38	Cost Estimate	1 day	Mon 10/14/13	Mon 10/14/13																	
39	<b>Rock Vane/Gabion Basket Structures</b>	<b>5 days</b>	Tue 10/15/13	Sun 10/20/13																	
40	HEC-RAS Model	4 days	Tue 10/15/13	Fri 10/18/13																	
41	Cost Estimate	1 day	Tue 10/15/13	Tue 10/15/13																	
42	<b>Natural Channel Restoration</b>	<b>11 days</b>	Tue 10/15/13	Tue 10/29/13																	
43	HEC-RAS Model	3 days	Tue 10/15/13	Thu 10/17/13																	
44	Cost Estimate	5 days	Wed 10/23/13	Tue 10/29/13																	

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45	<b>5- Environmental Documentation</b>	<b>19 days</b>	<b>Wed 10/23/13</b>	<b>Mon 11/18/13</b>															
46	<b>Civil Design</b>	<b>7 days</b>	<b>Wed 10/23/13</b>	<b>Thu 10/31/13</b>															
47	Site Design Plans	6 days	Wed 10/23/13	Wed 10/30/13															
48	Cut/fill volume Estimates	1 day	Thu 10/31/13	Thu 10/31/13															
49	Excess Cut Distribution Plan	1 day	Thu 10/31/13	Thu 10/31/13															
50	<b>Mitigation Measures</b>	<b>6 days</b>	<b>Thu 10/31/13</b>	<b>Thu 11/7/13</b>															
51	List of Strategies	6 days	Thu 10/31/13	Thu 11/7/13															
52	<b>Cost Estimates</b>	<b>2 days</b>	<b>Fri 11/8/13</b>	<b>Mon 11/11/13</b>															
53	Cost Estimate Table	2 days	Fri 11/8/13	Mon 11/11/13															
54	<b>Prepare the Area of Potential Affect Ma</b>	<b>1 day</b>	<b>Sat 11/16/13</b>	<b>Mon 11/18/13</b>															
55	Map	2 days	Sat 11/16/13	Mon 11/18/13															
56	Ecosystem Review Memo	2 days	Sat 11/16/13	Mon 11/18/13															
57	<b>6 - Final Report and Presentation</b>	<b>16 days</b>	<b>Sat 11/16/13</b>	<b>Fri 12/6/13</b>															
58	<b>Final Report</b>	<b>14 days</b>	<b>Mon 11/18/13</b>	<b>Thu 12/5/13</b>															
59	Design Report Compilation	14 days	Mon 11/18/13	Thu 12/5/13															