Staff Engineering Work Summary				
	Senior Engineer (SEGR)	Project Manager (PM)	Project Engineer (EGR)	
	# person-	# person-	# person-	
Task	hours	hours	hours	
1: Hydrologic Analysis		1		
1.1: Sample Site Identifications		16	16	
1.2: Sample Site Characteristics		8	24	
1.3: Code Research		8	16	
1.4: Post-Development Characteristics of Sample Sites	0.5	8	24	
1.5: Determination of Necessary Storage based upon Rational Method	0.5		24	
1.6: Determination of Necessary Storage based LID Requirements	0.5		24	
1.7: Determine Required Retention Volume for each Sample Site	0.5		24	
2: Geotechnical Analysis		•	•	
2.1: Consult Geotech and Drywell Specialists, and request Existing Soil Data from Flagstaff		8	24	
2.2: Acquire Existing Geotechnical Reports from Flagstaff		8	24	
2.3: Compile Known Soil Conditions in Flagstaff	1	8	24	
3: Drywell Design				
3.1: Determine Drywell Dimensions for each Sample Site	1	16	48	
3.2: Determine Pretreatment Features Necessary for Certain Sites	1		36	
4: Cost Analysis		•	•	
4.1: Determine Costs of Other Stormwater Management Systems For Certain Development				
Sizes		8	24	
4.2: Determine Value of Land Saved Through Implementation of Drywells		8	16	
4.3: Cost of Drywell Per Site Given Certain Site Characteristics	1	8	24	

4.4: Determine Monetary Cost Increase or Decrease of Using Drywells as Compared to						
Using Other Stormwater Management Systems	1	8	16			
5: Feasibility Determination						
5.1: Determining Overall Feasibility of Drywell						
Use to Manage Stormwater in Flagstaff	20	20	48			
5.2: Recommendations	20	20 20				
6: Impact Assessment						
6.1: Economic Impact Assessment	8		8			
6.2: Social Impact Assessment	8		8			
6.3: Environmental Impact Assessment	8		8			
7: Project Deliverables						
7.1: 30% Deliverable	8	16	16			
7.2: 60% Deliverable	8	16	16			
7.3: 90% Deliverable	8	16	16			
7.4: Final Deliverable	8	16	16			
8: Project Management						
8.1: Meetings	16	16	16			
8.2: Coordination	16	24	16			
8.3: Schedule Management	24	24				
8.4: Resource & Financial Management	24	24				
8.5: Record All Hours Worked		16				
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Subtotal (person-hours)	183	320	604
		(138 person-days @ 8	
Total (person-hours)	1107	hrs/day)	

Cost of Engineering Services					
1.0 Personnel	Hours	Rate, \$/hr	Cost		
SEGR	183	168	\$30,824		
PM	320	110	\$35,235		
EGR	604	77	\$46,508		
3.0 Total			\$112,567		