0.00

0.00

0.10

0.10

0.10

1.00

2.30

Stormwater Facility Name: East Water Quality Pond

Facility Location & Jurisdiction: Green Mountain Falls, El Paso County



	Routed Hydro	graph Results					_
Design Storm Return Period =	WQCV	2 Year	5 Year	10 Year	50 Year	100 Year	
One-Hour Rainfall Depth =	0.53	1.19	1.51	1.75	2.25	2.52	in
Calculated Runoff Volume =	0.045	0.125	0.172	0.206	0.290	0.336	acre-ft
OPTIONAL Override Runoff Volume =							acre-ft
Inflow Hydrograph Volume =	0.045	0.125	0.172	0.205	0.290	0.336	acre-ft
Time to Drain 97% of Inflow Volume =	>116	>116	>116	>116	>116	>116	hours
Time to Drain 99% of Inflow Volume =	>116	>116	>116	>116	>116	>116	hours
Maximum Ponding Depth =	0.92	1.96	2.49	2.83	3.26	3.48	ft
Maximum Ponded Area =	0.06	0.08	0.09	0.10	0.11	0.12	acres
Maximum Volume Stored =	0.044	0.114	0.159	0.191	0.238	0.263	acre-ft

Be advised, this does not meet the senate bill drain time. Also it does not match the design in the drainage report.



Vorkbook Protected

Norksheet Protected

Stormwater Facility Name: West Water Quality Pond

Facility Location & Jurisdiction: Green Mountain Falls, El Paso County



Routed Hydrograph Results									
WQCV	2 Year	5 Year	10 Year	50 Year	100 Year				
0.53	1.19	1.51	1.75	2.25	2.52	in			
0.033	0.094	0.130	0.156	0.223	0.261	acre-ft			
						acre-ft			
0.033	0.094	0.130	0.156	0.223	0.260	acre-ft			
>128	>128	>128	>128	>128	>128	hours			
>128	>128	>128	>128	>128	>128	hours			
1.20	2.48	2.92	3.09	3.49	3.69	ft			
0.04	0.06	0.07	0.07	0.08	0.08	acres			
0.033	0.093	0.120	0.133	0.163	0.180	acre-ft			
	Routed Hydro 0.53 0.033 0.033 >128 >128 1.20 0.04 0.033	Routed Hydrograph Results WQCV 2 Year 0.53 1.19 0.033 0.094 0.033 0.094 >128 >128 >128 >128 1.20 2.48 0.04 0.06 0.033 0.093	Routed Hydrograph Results WQCV 2 Year 5 Year 0.53 1.19 1.51 0.033 0.094 0.130 0 0.033 0.094 0.130 0.033 0.094 0.130 >128 >128 >128 >128 >128 >128 1.20 2.48 2.92 0.04 0.06 0.07 0.033 0.093 0.120	Routed Hydrograph Results WQCV 2 Year 5 Year 10 Year 0.53 1.19 1.51 1.75 0.033 0.094 0.130 0.156 0 0.033 0.094 0.130 0.156 1.28 >128 >128 >128 >128 >128 >128 >128 1.20 2.48 2.92 3.09 0.04 0.06 0.07 0.07 0.033 0.093 0.120 0.133	Routed Hydrograph Results WQCV 2 Year 5 Year 10 Year 50 Year 0.53 1.19 1.51 1.75 2.25 0.033 0.094 0.130 0.156 0.223 0 - - - - 0.033 0.094 0.130 0.156 0.223 1 - - - - 0.033 0.094 0.130 0.156 0.223 >128 >128 >128 >128 >128 >128 >128 >128 >128 >128 1.20 2.48 2.92 3.09 3.49 0.04 0.06 0.07 0.07 0.08 0.033 0.093 0.120 0.133 0.163	WQCV 2 Year 5 Year 10 Year 50 Year 100 Year 0.53 1.19 1.51 1.75 2.25 2.52 0.033 0.094 0.130 0.156 0.223 0.261 0.033 0.094 0.130 0.156 0.223 0.260 >128 >128 >128 >128 >128 >128 >128 >128 >128 >128 >128 >128 1.20 2.48 2.92 3.09 3.49 3.69 0.04 0.06 0.07 0.07 0.08 0.08 0.033 0.093 0.120 0.133 0.163 0.180			



SDI worksheet_v2_redlines.pdf Markup Summary

Callout (1)



Subject: Callout Page Label: 1 Author: Daniel Torres Date: 10/7/2019 9:54:48 PM Status: Color: Layer: Space:

Be advised, this does not meet the senate bill drain time. Also it does not match the design in the drainage report.