

Drainage Summary

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Project: Lot 6 Rancho de Candelaria
 Project Number:
 Date: 07/23/14
 By: GJA

Site Location

Precipitation Zone 2 Per Table A-1 COA DPM Section 22.2

Existing summary

Basin Name	Basin LOT 6						TOTAL
Soil Treatment (acres)							
Area "A"	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area "B"	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area "C"	0.236	0.000	0.000	0.000	0.000	0.000	0.24
Area "D"	0.054	0.00	0.00	0.00	0.00	0.00	0.05
TOTAL	0.290	0.000	0.00	0.00	0.00	0.00	0.29
Excess Runoff (acre-feet)							
100yr. 6hr.	0.03	0.00	0.00	0.00	0.00	0.00	0.032
10yr. 6hr.	0.02	0.00	0.00	0.00	0.00	0.00	0.02
2yr. 6hr.	0.01	0.00	0.00	0.00	0.00	0.00	0.01
100yr. 24hr.	0.03	0.00	0.00	0.00	0.00	0.00	0.03
TOTAL	0.09	0.00	0.00	0.00	0.00	0.00	0.09
Peak Discharge (cfs)							
100 yr.	1.00	0.00	0.00	0.00	0.00	0.00	1.00
10yr.	0.57	0.00	0.00	0.00	0.00	0.00	0.57
2yr.	0.24	0.00	0.00	0.00	0.00	0.00	0.24
TOTAL	1.81	0.00	0.00	0.00	0.00	0.00	1.81

Proposed summary

Basin Name		Basin A(Dev)	Basin B(Dev)				TOTAL
Soil Treatment (acres)							
Area "A"		0.00	0.00	0.00	0.00	0.00	0.00
Area "B"		0.0258	0.0506	0.00	0.00	0.00	0.08
Area "C"		0.0258	0.0506	0.00	0.00	0.00	0.08
Area "D"		0.0449	0.0922	0.00	0.00	0.00	0.14
	TOTAL	0.10	0.19	0.00	0.00	0.00	0.29
Excess Runoff (acre-feet)							
100yr. 6hr.		0.0120	0.0243	0.00	0.00	0.00	0.036
10yr. 6hr.		0.01	0.01	0.00	0.00	0.00	0.02
2yr. 6hr.		0.00	0.01	0.00	0.00	0.00	0.01011
100yr. 24hr.		0.01	0.03	0.00	0.00	0.00	0.04
	TOTAL	0.04	0.07	0.00	0.00	0.00	0.11
Peak Discharge (cfs)							
100yr		0.35	0.71	0.00	0.00	0.00	1.06
10yr.		0.21	0.42	0.00	0.00	0.00	0.63
2yr.		0.10	0.21	0.00	0.00	0.00	0.31
	TOTAL	0.66	1.34	0.00	0.00	0.00	2.00