

TABLE 3
DESIGN POINT DISCHARGES
SPRINGS RANCH DEVELOPMENT MDDP UPDATE

DESIGN POINT	AREA		DISTANCE		DISCHARGE	
	ACRES	SQ. FT.	FEET	FEET	10YR	100YR
1	0.02	0	5	1	15	
2	0.04	0	10	1	30	
3	0.05	33	38	1	41	
4	0.09	43	85	140	140	
5	0.07	15	40	81	81	
6	0.09	18	41	36	34	
7	0.04	15	41	39	39	
8	0.08	22	140	64	211	
9	0.06	3	18	16	44	
10	0.08	78	101	150	179	
11	0.09	3	24	31	75	
12	0.04	8.5	39	6	43	
13	0.08	25	34	51	114	
14	0.08	26	75	75	143	
15	0.03	11	35	29	64	
16	0.02	15	45	44	114	
17	0.04	10	45	33	75	
18	0.04	10	45	33	75	
19	0.02	10	40	28	85	
20	0.07	63	18	4	40	
21	0.05	0	32	3	68	
22	0.02	5	18	19	39	
23	0.01	1	20	17	43	
24	0.04	11	65	33	110	
25	0.02	9	31	29	41	
26	0.03	9	40	28	70	
27	0.02	7	17	20	36	
28	0.06	5	19	14	38	
29	0.06	15	45	47	92	
30	0.02	10	39	40	70	
31	0.04	13	37	39	72	
32	0.09	16	60	60	140	
33	0.04	3	21	19	39	
34	0.11	34	109	92	208	
35	0.04	7	21	27	53	
36	0.07	25	30	32	70	
37	0.02	10	13	11	35	
38	0.1	74	190	140	300	
39	0.04	6	19	20	34	
40	0.04	13	41	45	113	
41	0.02	14	32	42	70	
42	0.02	4	14	22	34	
43	0.05	10	34	33	71	
44	0.12	36	92	112	201	
45	0.09	29	38	60	140	
46	0.02	6	17	18	37	
47	0.02	9	12	21	38	
48	0.02	6	14	14	34	
49	0.12	27	87	84	166	
50	0.04	11	31	34	67	
51	0.31	207	300	550	700	
52	0.04	11	31	34	67	
53	0.14	144	190	280	350	
54	0.04	10	100	600	600	
55	0.01	5	15	12	34	
56	0.04	1	21	12	48	

TABLE 4
DESIGN POINT DISCHARGES
SPRINGS RANCH DEVELOPMENT MDDP UPDATE

DESIGN POINT	DISCHARGE/FREQUENCY (CFS) (1)				
	10YR	10YR	100YR	100YR	
5	62	62	138	133	
6	250	490	520	930	
7	234	450	540	850	
8	200	280	440	540	
13	60	250	130	470	
14	75	140	230	240	
14	54	200	170	390	
15	54	115	170	165	
17	25	65	75	115	
19	79	370	290	840	
20	-	72	-	173	
23	75	340	260	740	
24	63	220	210	460	
26	47	55	160	100	
28	11	110	41	250	
29	36	150	115	330	
31	13	37	39	75	
36	260	500	610	900	
37	83	200	185	370	
40	140	130	290	290	
43	17	60	51	115	
44	73	282	272	647	
45	63	225	215	494	
46	52	166	166	390	
47	13	43	41	85	
SAND CREEK @ N. PROPERTY LINE	1100	4160	3670	9260	(2)
SAND CREEK DIS N. CAREFREE CIR.	1650	4890	4470	10500	(2)
SAND CREEK DIS CONSTITUTION	1930	5900	5040	12100	(2)

NOTES:
1. ALL DISCHARGES ARE FOR THE 24-HOUR DURATION RAINFALL.
2. DISCHARGES FOR SAND CREEK WERE OBTAINED FROM THE SAND CREEK DRAINAGE BASIN PLANNING STUDY, OCTOBER, 1994.

- LEGEND**
- BASIN BOUNDARY
 - ▲ DESIGN POINT
 - SUB-BASIN
 - DRAINAGE WAY
 - REACH NO.

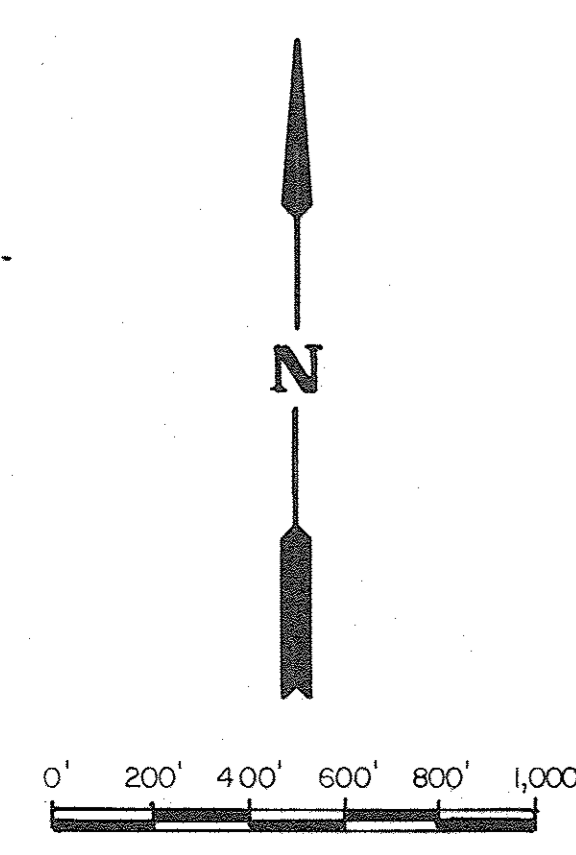


EXHIBIT 1
HYDROLOGIC SUB-BASIN MAP
COLORADO SPRINGS RANCH
MASTER DEVELOPMENT DRAINAGE
PLAN UPDATE