Concentration Point	Contributing Watersheds	Drainage Area (acres)	Q100 (cfs)
1	1	4692.5	7303
2	2	85.8	196
3	3	1478.4	2624
4	4	1017.0	2382
5	5	122.9	275
6	6, 50%(6/7, 100%(7/11))	563.3	862
6/7	6/7, 100%(7/11)	993.3	1819
7	7, 100%(6/7, 7/11)	1230.7	1773
7/11	7/11	446.7	1279
8	8	52.5	59
9	9	167.0	304
10	10	412.8	689
11	11, 75%(11/12, 11/12A, 50%(7/11))	2843.5	2985
11/12	11/12, 11/12A, 50%(7/11)	3020.9	3609
11/12A	11/12A, 50%(7/11)	2771.9	3780
12	12, 12A, 75%(11/12, 11/12A, 50%(7/11)	3262.7	3022
12A	12A	590.7	959
13	13	167.7	247
14	14	149.1	231
15	15	92.2	166
16	16, 75%(16/17)	908.4	550
16/17	16/17	652.2	390
17	17, 75%(16/17)	825.8	463
18	18	170.9	256
19	19, 75%(19/20)	2811.5	3318
19/20	19/20	3351.0	4485
20	20, 100%(20/26, 75%(19/20))	3546.3	2252
20/26	20/26, 75%(19/20)	3529.0	2251
21	21	192.0	185
22	22	87.7	179
23	23, 19, 75%(19/20, 23/24, 17, 18, 75%(16/17))	4188.0	3709
23/24	23/24, 17, 18, 75%(16/17)	1431.9	758
24	24, 15, 16, 75%(16/17, 23/24, 17/18, 25%(16/17))	2270.9	1158
25	25	32.6	55
26	26, 50%(20/26, 75%(19/20))	2245.1	1196
27	27, 13, 14, 24, 15, 16, 75%(16/17, 23/24, 17/18, 25%(16/17))	2587.7	1730
28	28, 75%(28/30, 75%(30/32))	348.1	337
28/30	28/30, 75%(30/32)	285.0	342
29	29, 30, 32, 30/32, 75%(28/30, 31/32)	645.8	580
30	30, 32, 30/32, 75%(28/30, 31/32)	620.8	581
30/32	30/32	135.0	267
31	31, 11, 12, 12A, 11/12, 11/12A, 50%(7/11)	5354.9	3550
31/32	31/32	44.2	67
32	32, 75%(30/32, 31/32)	309.8	320
33	33, 31, 34, 11, 12, 12A, 11/12, 11/12A, 50%(7/11), 75%(34/35)	6448.7	3734
34	34, 75%(34/35)	495.4	287
34/35	34/35	71.7	150
35	35, 75%(35/36, 34/35)	1334.4	1203
35/36	35/36	642.6	998
36	36, 75%(36/37, 35/36)	819.4	906
36/37	36/37	173.4	171
37	37, 75%(36/37)	185.8	145
38	38, 75%(38/39)	338.3	376
38/39	38/39	80.6	136
39	39, 100%(41), 75%(38/39)	398.5	790
40	40, 9	415.4	573
41	41, 10	607.4	646
42	42	53.1	156
43	43, 59, 59A	2900.5	4165
44	44	332.2	570
45	45	256.0	865
46	46	287.4	265
47	47	1513.0	2977
48	48, 75%(48/50, 65, 66, 65/66, 7, 8, 100%(6/7, 7/11))	2368.5	1818
48/50	48/50, 65, 66, 65/66, 7, 8, 100%(6/7, 7/11)	2806.4	2434
49	49	127.4	156
50	50, 64, 4, 5, 6, 75%(48/50, 65, 66, 65/66, 7, 8, 100%(6/7, 7/11)), 50%(6/7, 100%(7/11))	6866.6	3833
51	51	85.1	227
52	52, 100%(52/53, 60, 61, 2)	709.7	1351
52/53	52/53, 60, 61, 2	654.7	1242
53	53, 100%(52/53, 60, 61, 2)	784.6	1803
53A	53A	202.9	414
54	54	87.7	161
55	55	171.5	343
56	56	21.8	85
58	58	157.4	367
59	59, 59A	2609.3	4853
59A	59A	2265.6	5338
60	60	368.0	702
61	61, 2	286.7	586
62	62, 75%(62/63), 100%(62A, 3, 51)	3181.1	2162
62/63	62/63, 100%(62A, 3, 51)	2536.3	2345
62A	62A, 3, 51	2401.9	2501
63	63, 75%(62/63, 100%(62A, 3, 51))	2113.4	1713
64	64, 4, 5, 6, 50%(6/7)	3489.4	2551
65	65, 75%(65/66, 7, 8, 100%(6/7, 7/11))	1773.6	1802
65/66	65/66, 7, 8, 100%(6/7, 7/11)	2057.6	2467
66	66, 75%(65/66, 7, 8, 100%(6/7, 7/11))	1812.0	1914
68	68, 38, 39, 40, 38/39, 9, 10	2539.5	2341

SCALE: 1"=1000'

LEGEND

▬▬▬	WATERSHED BOUNDARY
WS 1	WATERSHED ID
— — —	REACH LENGTH
R–2	REACH ID
(#3)	CONCENTRATION POINT (POINT OF INTEREST)
(53A)	CONCENTRATION POINT (SUB–WATERSHED)
(48/50)	CONCENTRATION POINT (SPLIT FLOW)
#6–50%, #7–100%	SPLIT FLOW PERCENTAGE
?=948 cfs	100–YEAR PEAK DISCHARGE (cfs)
D.A.=759.0 ac.	DRAINAGE AREA (acres)
C.S.=12 hr.	CRITICAL STORM (hours)
(1300)———	PSOMAS REPRESENTATIVE CROSS SECTION (LIDAR)

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HYDROLOGIC ANALYSIS MAP
FOR
DIAMOND BELL

FIGURE 3

PROJ NO: 07015–01
DATE: 10/2007
SCALE:HORIZ 1" = 1000'
1 OF 3

G:\07015\Drawings\WorkMap_DB.dwg SHEET 1 Kevin Spencer Tue, 05 Aug 2008, 2:45pm Last Saved By: Kevin.spencer