

Table 20 Ditch Data

Ditch Number	10-Year 24-Hour Peak Discharge	Contributing Drainage Area (Acres)	Disturbed (D) or Undisturbed (UD)	CN	Depth (FT)	Top Width (FT)	Shape	Ditch Slope (%)	Rip-Rap (In.)
1	10.5	3.9	D	88	1.5	7.5	V	1.5	
2	13.38*	4.4	D	85	0.87	10.35	Trap.	5.0	
3	3.65*	1.4	D	85	1.0	7.51	V	4.0	
4	1.83*	0.76	D	82	0.83	4.2	V	1.8	
5	1.75	1.95	D	79	0.88	4.41	V	1.0	
6	3.98	2.2	D	89	0.96	3.84	V	3.0	
7	40.6	18.9	UD	80	2.0	8.0	Trap.	3.2	
8	3.12	3.22	D	89	0.82	4.08	V	6.0	
9	34.8	15.9	UD	80	2.5	13.8	V	5.9	
10	40.46*	71.86	UD	64	1.12	6.7	V	4.6	
D10A	0.19	0.14	D	82	0.49	2.43	V	5.0	
11	44.4	23.5	UD	80	2.0	8.0	Trap.	2.9	
12	8.75*	2.83	D	94	0.95	4.3	Trap.	1.0	
13	0.59	0.43	D	82	0.59	2.93	V	5.0	
14	6.83*	2.24	D	94	0.86	4.12	Trap.	1.0	
15	8.75	6.95	D	86	1.23	6.16	V	2.0	
16	11.35	13.44	D	80	1.34	6.69	V	1.9	
17A	1.63	1.75	D	89	0.70	3.52	V	6.0	
17AA	1.00	1.07	D	89	0.65	3.24	V	5.0	
17B	2.92	3.01	D	89	0.92	4.59	V	2.0	
17C	5.71	6.31	D	89	1.09	5.47	V	2.0	
17D	0.26	0.30	D	87	0.51	2.55	V	5.0	
18	140.0	92.5	UD	80	2.5	13.8	V	6.2	
19	4.3	0.9	D	87	1.0	3.85	V	3.4	
20	7.37	6.1	D	80	1.10	5.48	V	3.3	
21	9.1	0.7	D	89	1.5	7.5	V	1.8	
22	21.51	14.71	D	82	1.79	8.94	V	1.0	
23	47.2	34.0	D	89	2.5	13.8	V	2.0	
23A	0.95	0.61	D	85	0.71	3.53	V	2.0	
23AA	1.48	0.95	D	85	0.78	3.9	V	2.0	
23B	0.09	0.14	D	85	0.48	2.38	V	1.5	
24	15.8	6.90	D	85	1.0	7.0	Trap.	1.75	
24A	0.28	0.18	D	85	0.56	2.78	V	2.0	
24B	1.01	0.65	D	85	0.72	3.58	V	2.0	
24BB	0.08	0.05	D	85	0.48	2.38	V	2.0	
24C	4.81	0.09	D	94	1.1	4.3	V	2.8	
24C1	0.43	0.2	D	94	1.0	4.04	V	2.2	
24C2	2.23	0.89	D	93	1.0	4.1	V	10.0	

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24C3	0.71	0.33	D	85	1.0	4.1	V	1.0	
24C4	0.86	0.4	D	85	1.0	4.0	V	22.0	Pit Run
24C5	3.06	0.18	D	89	1.0	4.0	V	2.0	
24C6	2.67	0.21	D	93	1.0	4.0	V	12	
24D	2.21	1.42	D	85	0.86	4.28	V	2.0	
24E	0.26	0.17	D	85	0.55	2.74	V	2.0	
25	5.3	1.5	D	89	1.5	7.5	V	4.0	
25A	5.3	1.5	D	89			V	5.2	
26-Conc	32.38	52.7	UD	71	1.0	3	Rect.	5.0	
26	32.38	52.7	UD	71	1.44	10.61	V	5.0	
27	1.75	1.23	D	81	0.8	3.3	V	2.0	Pit Run
28	18.27	0.45	D	87	1.75	10	Trap.	3.0	
29	70.0	67.2	UD	72	2.5	13.8	V	13.0	Pit Run
30-E	7.22*	4.01	D	72	0.9	7	Trap.	1.7	
30-W	1.15*	0.4	D	89	0.5	5.1	Trap.	2.7	
31 Traps.	157.2		UD		3.3	19.8	Trap.	1.0	
31 Ariz.	157.2		UD		1.3	100	V	2.0	
32		0.07			2.0	8	Trap.		
32A	0.10	0.21	D	82	0.48	2.38	V	2.0	
32B	0.34		D	88	0.58	2.88	V	2.0	
33		1.16			1.0	5.0	V		
34A		1.01						2.0	
34AA	2.07		D	89	0.81	4.04	V	2.0	
34AAA	1.8	0.83	D	89	0.78	3.91	V	2.0	
34B		0.72						2.0	
34BB	1.27	5.41	D	89	0.72	3.61	V	2.0	
34BBB	1.29	5.41	D	89	0.72	3.62	V	2.0	
39A	5.73		UD	71	1.0	2.5	Trap.	3.25	
39AA	5.73		UD	71	1.0	2.5	Trap.	3.25	
40	8.04*	0.52	D	73	1.2	6.5	Trap.	18.0	15
41	12.21*	0.44	D	89	1.3	6.8	Trap.	12.0	15
42	16.07*	1.34	D	89	1.10	7.4	Trap.	2.0	
43	2.44*	0.45	D	89	0.50	4.6	Trap.	6.2	
44(22%)	4.43*	0.25	D	87	1.1	6.3	Trap.	22.0	12
44(4%)	5.20*	0.27	D	89	0.7	5.1	Trap.	4.0	
45	7.06*	0.65	D	89	0.76	6.8	Trap.	3.2	
46(32%)	23.21*	0.03	D	87	1.20	7.7	Trap.	32.0	24
46(5%)	14.32	0.01	D	87	2.12	8.49	V	5.0	Pit Run
47	2.91*	1.00	D	90	0.60	14.25	V	2.0	
48	1.31*	0.45	D	90	0.54	12.35	V	2.0	
49(2%)	53.24*	47.35	UD	71	2.60	10.8	Trap.	2.0	Pit Run
49(8%)	65.04*	9.79	UD	71	2.20	10.2	Trap.	8.0	12

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49(9%)	65.57*	0.07	UD	87	2.10	10.2	Trap.	9.0	15
49(1.6%)	65.53*	1.34	UD	73	2.80	11.7	Trap.	1.6	Pit Run
49(64%)	65.54*	0.02	UD	87	1.50	7.52	Trap.	64.0	12" Grouted Rip Rap
49(30%)	65.59*	0.00	UD	87	1.63	7.89	Trap.	30.0	12" Grouted Rip Rap
49(7%)	65.67*	0.16	UD	87	2.10	8.6	Trap.	12.0	12
50	0.83	0.47	D	87	0.70	2.79	V	2.0	
51	0.64	0.36	D	87	0.64	2.57	V	2.5	
52	1.01	0.57	D	87	0.58	2.33	V	17.0	
53	15.85	0.39	D	87	1.43	5.70	V	6.0	Pit Run
54	16.33	0.27	D	87	2.28	9.14	V	3.0	Pit Run
55	13.90*	9.10	UD	74	1.60	4.97	V	2.80	
55	13.90*	9.10	UD	74	1.31	4.03	V	15.30	
D55-E	14.31	15.10	D	83	0.46	10.75	Trap.	2.0	1.5
D55-W-1	10.75	10.20	D	83	0.39	10.37	Trap.	2.1	1.5
D55-W-2	10.75	10.20	D	83	0.27	9.62	Trap.	11.4	3
D55-W-3	10.75	10.20	D	83	0.40	6.39	Trap.	12.9	3
D-55-W-4	10.75	10.20	D	83	0.23	9.40	Trap.	33.4	3
D55-INT-1	3.00	2.4	D	87	0.23	5.39	Trap.	5.0	1.5
D55-INT-2	8.84	7.0	D	87	0.49	4.95	Trap.	5.0	3
D55-OUT-1	19.59	17.2	D	83	0.59	5.38	Trap.	29.3	6
56(.4%)	3.51	3.10	UD	74	1.90	2.5	V	0.4	
56(8%)	3.51	3.10	UD	74	2.10	2.67	V	8.0	3
57	0.62	0.70	UD	74	0.55	2.77	V	7.0	
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61	7.57	7.30	UD	74	1.81	9	V	6.0	3
62	2.28	2.20	UD	74	1.80	2.4	V	13.0	3
63	4.16	3.80	D	87	2.10	2.7	V	10.0	3
64	1.24	0.70	D	87	0.90	1.2	V	10.0	
65	0.25	0.14	D	87	0.61	0.80	V	10.0	
66	0.71	0.40	D	87	0.78	1.01	V	10.0	
67	0.75	0.64	D	87	0.79	1.02	V	10.0	
68	1.37	0.20	D	87	0.69	2.77	V	5.6	
69	17.78	0.05	D	87	2.17	8.66	V	7.0	6
* 100 -year 24-hour storm									
** Depth includes freeboard									