

**CITY OF RALEIGH  
STORMWATER FACILITY RANKING**

Ranking	Site ID <sup>1</sup>	Site Characteristics						Ranking Parameters								
		Drainage Basin	Drainage Area (acres)	Facility Type <sup>2</sup>	Facility Name	Community	Stream Type <sup>3</sup>	Nitrogen Cost/Benefit <sup>4</sup> (\$/lb)	Ownership <sup>5</sup>	NCDWQ 303(d)-Listed <sup>6</sup>	Dam Safety		Flood Control Benefit <sup>9</sup>	Downstream Flooding Potential <sup>10</sup>	Pond in Series <sup>11</sup>	Currently CIP-Listed <sup>12</sup>
											Hazard Class <sup>7</sup>	Condition <sup>8</sup>				
1	2	Walnut Creek	4,390	Existing Pond	Lake Johnson	Raleigh	P	\$2	City	Yes	High	Good	Yes	No	No	-
2	CT-5	Crabtree	688	Existing Pond	Longview Lakes	Raleigh	I	\$9	City/Private	No	High	Fair	No	-	Yes	Yes
3	Ma-8	Marsh	972	Existing Pond	Beaman Lake	Raleigh	P	\$16	City	Yes	CDM - Intermediate	Good	No	-	N/A	Yes
4	S76	Perry Creek	735	Existing Pond	Durant Park Lake Upper	Raleigh	P	N/A	City	Yes	City-Low	N/A	No	No	Yes	-
5	S73	Perry Creek	851	Existing Pond	Durant Park Lake Lower	Raleigh	P	N/A	City	Yes	City-Low	N/A	No	No	N/A	-
6	72	Unnamed Tributary to Walnut Creek	625	Existing Pond	Carolina Pines	Raleigh	P	\$146	City/Private	Yes	City - High	N/A	No	No	No	Yes
7	BB-2	Big Branch	230	Existing Pond	Eastgate Park Lake	Raleigh	I	\$28	City	No	High	Fair	No	-	N/A	-
8	CT-15	Crabtree	135	Existing Pond	Laurel Hills Pond	Raleigh	I	\$62	City/Private	Yes	Intermdiate	Fair	No	-	N/A	-
9	18	Lake Johnson	119	Proposed Pond	Smith Pond (Breached)	Raleigh	P	\$52	City	Yes	Low	Poor	Yes	No	No	-
10	P-4	Pigeon	57	Proposed Pond	Fred Fletcher Park Pond	Raleigh	I	\$47	City	Yes	N/A	N/A	No	-	N/A	Yes
11	CT-13	Crabtree	155	Proposed Pond	N/A	Raleigh	I	\$42	City	Yes	N/A	N/A	No	-	N/A	-
12	24	Unnamed Tributary to Walnut Creek	79	Proposed Pond	Walnut Softball Complex	Raleigh	P	\$58	City	Yes	N/A	N/A	Yes	No	No	-
13	P-3	Pigeon	65	Proposed Pond	N/A	Raleigh	I	\$71	City	Yes	N/A	N/A	No	-	N/A	-
14	WC-06E	Unnamed Tributary to Walnut Creek	73	Proposed Pond	Rock Quarry Road B	Raleigh	I	\$71	City	Yes	N/A	N/A	No	No	No	-
15	H-1	House	30	Existing Pond	Eden Pond	Raleigh	E	\$31	City	Yes	Intermediate	Fair	No	-	N/A	-
16	S-12	Sycamore	4,600	Existing Pond	Big Lake	Raleigh	P	\$2	State	Yes	Low	Good	Yes	-	Yes	-
17	CT-22*	Crabtree	33,178	Existing Pond	Crabtree Lake	Cary/RDU-ETJ	P	\$2	Wake County	Yes	High	Good	Yes	-	N/A	-
18	LB-1*	Little Brier	7,376	Existing Pond	Little Brier Creek Reservoir	RDU-ETJ	P	\$3	Wake County	Yes	High	Good	Yes	-	Yes	-
19	SI-2*	Stirrup Iron	5,664	Existing Pond	Page Lake	Cary-ETJ, RDU, Durham	P	\$3	Wake County	Yes	High	Good	Yes	-	Yes	-
20	S-11	Sycamore	6,100	Existing Pond	Sycamore Lake	Raleigh	P	\$4	State	Yes	Low	Good	Yes	-	Yes	-
21	R-1*	Richland	3,320	Existing Pond	Richland Lake	Raleigh-ETJ	P	\$6	Wake County	Yes	High	Good	Yes	-	Yes	-
22	CT-27*	Crabtree	1,607	Existing Pond	Coles Branch Reservoir	Morrisville-ETJ	P	\$6	Wake County	Yes	Low	Good	Yes	-	Yes	-
23	SI-1*	Stirrup Iron	1,318	Existing Pond	Sorrell's Grove Lake	Morrisville-ETJ	P	\$6	Wake County	Yes	Intermediate	Good	Yes	-	Yes	-
24	M-2*	Mine	5,219	Existing Pond	Shelley Lake	Raleigh	P	\$7	Wake County	Yes	High	Good	Yes	-	N/A	-
25	HS-4*	Haresnipe	2,390	Existing Pond	Lake Lynn	Raleigh	P	\$8	Wake County	Yes	High	Good	Yes	-	N/A	-
26	CT-26*	Crabtree	916	Existing Pond	Hatcher's Grove Reservoir	Cary	I	\$10	Wake County	Yes	Intermediate	Good	Yes	-	Yes	-
27	CT-28*	Crabtree	1,491	Existing Pond	Bond Lake	Cary	P	\$11	Wake County	Yes	High	Good	Yes	-	Yes	-
28	CT-18*	Crabtree	2,800	Existing Pond	Reedy Creek Lake	Raleigh	P	\$13	State	Yes	CDM - Low	Good	No	-	N/A	-
29	1	Walnut Creek	7,622	Existing Pond	Lake Raleigh	Raleigh	P	\$31	State	Yes	High	Good	Yes	No	No	-
30	H-10	House	109	Existing Pond	NCSU Hillsborough St Pond	Raleigh	E	\$30	State	Yes	Low	Fair	No	-	N/A	-
31	WCLAKR-A	Lake Raleigh	79	Existing Pond	Lake Raleigh A	Raleigh	I	\$54	State	Yes	N/A	Good	No	No	No	-
32	13	Unnamed Tributary to Walnut Creek	868	Existing Pond	Dorothy Dix Farm Pond	Raleigh	P	\$97	State	Yes	Low	Fair	No	No	No	-
33	WC-22B	Unnamed Tributary to Walnut Creek	137	Wetland	Lake Wheeler Road	Raleigh	I	\$45	State	Yes	N/A	N/A	No	No	No	-
34	1002	Simmons Branch	336	Existing Pond	White Oak Lake	Raleigh	P	\$73	Private	Yes	Intermediate	Poor	Yes	Yes	No	Yes
35	Ma-5	Marsh	426	Existing Pond	Northshore Lake	Raleigh	P	\$44	Private	Yes	High	Poor	Yes	-	Yes	Yes
36	P52	Perry Creek	2,448	Existing Pond	Gresham Lake	Raleigh-ETJ	P	N/A	Private	Yes	High	N/A	No	No	N/A	-
37	BE-1	Beaverdam East	1,790	Wetland	Buffaloe Road	Raleigh	P	N/A	Private	No	N/A	N/A	No	No	N/A	-
38	BE-2	Beaverdam East	1,790	Existing Pond	River Bend Pond	Raleigh-ETJ	P	N/A	Private	No	City-Low	N/A	No	No	No	-
39	P115	Perry Creek	1,079	Existing Pond	North Ridge Lake Lower	Raleigh	P	N/A	Private	Yes	High	Poor	No	No	Yes	-
40	P132	Perry Creek	616	Existing Pond	North Ridge Lake Upper	Raleigh	P	N/A	Private	Yes	High	Poor	No	No	Yes	-

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		Drainage Basin	Drainage Area (acres)	Facility Type <sup>2</sup>	Facility Name	Community	Stream Type <sup>3</sup>	Nitrogen Cost/Benefit <sup>4</sup> (\$/lb)	Ownership <sup>5</sup>	NCDWQ 303(d)-Listed <sup>6</sup>	Dam Safety		Flood Control Benefit <sup>9</sup>	Downstream Flooding Potential <sup>10</sup>	Pond in Series <sup>11</sup>	Currently CIP-Listed <sup>12</sup>
											Hazard Class <sup>7</sup>	Condition <sup>8</sup>				
41	Ma-3B	Marsh	554	Existing Pond	Brockton Lake	Raleigh	P	\$11	Private	Yes	CDM - High	Poor	Yes	-	N/A	Yes
42	15	Unnamed Tributary to Walnut Creek	975	Existing Pond	Ileagnes	Raleigh	P	\$116	Private	Yes	N/A	Poor	No	No	No	-
43	T-4	Turkey	1,079	Existing Pond	Lake Anne	Raleigh-ETJ	P	\$8	Private	Yes	Low	Fair	No	-	Yes	-
44	HS-2	Haresnipe	194	Existing Pond	Summer Lake	Raleigh	I	\$10	Private	Yes	High	Good	No	-	N/A	-
45	BB-3	Big Branch	634	Existing Pond	Cedar Hills Lake	Raleigh	P	\$11	Private	No	High	Good	No	-	N/A	-
46	T-6	Turkey	672	Existing Pond	Dunnaway Pond	Raleigh	P	\$12	Private	Yes	Intermediate	Good	Yes	-	No	-
47	R-8	Richland	563	Existing Pond	Camp Pond	Raleigh-ETJ	P	\$13	Private	Yes	High	Fair	No	-	Yes	-
48	M-4	Mine	1,533	Existing Pond	Greystone Lake	Raleigh	P	\$14	Private	Yes	High	Good	Yes	-	Yes	Yes
49	CT-25	Crabtree	126	Existing Pond	Unknown	Cary	I	\$15	Private	Yes	CDM - Intermediate	Poor	No	-	Yes	-
50	CT-17	Crabtree	1,575	Existing Pond	Goodnight Pond	Cary-ETJ	P	\$15	Private	Yes	Intermediate	Good	No	-	N/A	-
51	CT-1	Crabtree	396	Existing Pond	Carolina Lake	Raleigh-ETJ	I	\$16	Private	No	CDM - Low	Poor	No	-	N/A	-
52	CT-4	Crabtree	441	Proposed Pond	N/A	Raleigh	P	\$17	Private	No	N/A	N/A	No	-	N/A	-
53	CT-2D	Crabtree	607	Existing Pond	Turfgrass Lake	Raleigh-ETJ	P	\$19	Private	No	CDM - High	Fair	No	-	Yes	-
54	Ma-10B	Marsh	440	Existing Pond	Pews Pond	Raleigh-ETJ	I	\$20	Private	Yes	Intermediate	Fair	No	-	Yes	-
55	Ma-10	Marsh	561	Existing Pond	Pews Pond	Raleigh-ETJ	P	\$21	Private	Yes	Intermediate	Poor	Yes	-	N/A	-
56	E18	Perry Creek	107	Existing Pond	Remington Park Lake	Raleigh	E	N/A	Private	Yes	High	Good	No	No	N/A	-
57	E27	Perry Creek	146	Existing Pond	Lake Linda	Raleigh-ETJ	P	N/A	Private	Yes	Intermediate	N/A	No	No	N/A	-
58	S-1	Sycamore	122	Existing Pond	Poole Pond	Raleigh-ETJ	I	\$22	Private	Yes	Low	Fair	No	-	Yes	-
59	CT-16	Crabtree	153	Existing Pond	Olde Raleigh Pond #3	Raleigh	P	\$24	Private	Yes	High	Good	No	-	N/A	-
60	CT-21	Crabtree	539	Proposed Pond	N/A	Cary	P	\$24	Private	Yes	N/A	N/A	No	-	Yes	-
61	LB-4	Little Brier	1,375	Proposed Pond	N/A	Raleigh-ETJ	P	\$25	Private	Yes	N/A	N/A	No	-	Yes	-
62	CT-7	Crabtree	90	Proposed Pond	N/A	Raleigh	I	\$26	Private	No	N/A	N/A	No	-	N/A	-
63	S-8	Sycamore	90	Proposed Pond	N/A	Raleigh	I	\$26	Private	Yes	N/A	N/A	No	-	Yes	-
64	Ma-10A	Marsh	78	Existing Pond	Pews Pond	Raleigh-ETJ	E	\$27	Private	Yes	CDM - Intermediate	Fair	No	-	Yes	-
65	SI-3	Stirrup Iron	593	Existing Pond	Lake Shore Pond	Durham	P	\$29	Private	Yes	Intermediate	Good	No	-	Yes	-
66	T-11	Turkey	131	Proposed Pond	N/A	Raleigh	I	\$30	Private	Yes	N/A	N/A	No	-	N/A	-
67	CT-3	Crabtree	567	Proposed Pond	N/A	Raleigh-ETJ	P	\$32	Private	No	N/A	N/A	No	-	N/A	-
68	T-3	Turkey	115	Proposed Pond	N/A	Raleigh-ETJ	I	\$33	Private	Yes	N/A	N/A	No	-	N/A	-
69	H-9	House	376	Proposed Pond	N/A	Raleigh	P	\$36	State	Yes	N/A	N/A	No	-	N/A	-
70	CT-32	Crabtree	47	Existing Pond	Delta Lake	Raleigh	E	\$36	Private	Yes	High	Poor	No	-	N/A	-
71	H-2	House	32	Existing Pond	Unknown	Raleigh	E	\$36	Private	Yes	CDM - High	Fair	No	-	N/A	-
72	WC-17A	Unnamed Tributary to Walnut Creek	627	Wetland	South Saunders Street	Raleigh	P	\$37	Private	Yes	N/A	N/A	No	No	No	-
73	M-5	Mine	159	Existing Pond	Shaw Lake	Raleigh	I	\$38	Private	Yes	Intermediate	Fair	No	-	Yes	-
74	WC-06C	Unnamed Tributary to Walnut Creek	295	Wetland	Rock Quarry Road A	Raleigh	P	\$47	Private	Yes	N/A	N/A	No	No	No	-
75	LB-3	Little Brier	699	Proposed Pond	N/A	Raleigh	P	\$47	Private	Yes	N/A	N/A	No	-	Yes	-
76	S-5	Sycamore	67	Proposed Pond	N/A	Raleigh	I	\$47	Private	Yes	N/A	N/A	No	-	Yes	-
77	WC-35A	Unnamed Tributary to Walnut Creek	144	Wetland	Jones Franklin Road	Raleigh	P	\$49	Private	Yes	N/A	N/A	No	No	No	-
78	R-5	Richland	516	Proposed Pond	N/A	Raleigh-ETJ	I	\$53	Private	Yes	N/A	N/A	No	-	Yes	-
79	BB-1	Big Branch	288	Proposed Pond	N/A	Raleigh	I	\$58	Private	No	N/A	N/A	No	-	N/A	-
80	Ma-6	Marsh	802	Existing Pond	Brentwood Today Lake	Raleigh	P	\$72	Private	Yes	High	Poor	No	-	Yes	Yes

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											Hazard Class <sup>7</sup>	Condition <sup>8</sup>				
81	T-2	Turkey	82	Proposed Pond	N/A	Raleigh	I	\$72	Private	Yes	N/A	N/A	No	-	N/A	-
82	H-11	House	48	Existing Pond	Unknown	Raleigh	I	\$73	Private	Yes	CDM - High	Good	No	-	Yes	-
83	WC-08B	Watson Branch	104	Proposed Pond	Martin Luther King	Raleigh	I	\$74	Private	Yes	N/A	N/A	No	No	No	-
84	WC-36A	Unnamed Tributary to Walnut Creek	285	Proposed Pond	Capital Center Drive	Raleigh	P	\$76	Private	Yes	N/A	N/A	No	No	No	-
85	S-4	Sycamore	178	Existing Pond	Unknown	Raleigh	I	\$76	Private	Yes	CDM - Low	Fair	No	-	Yes	-
86	WC-14A	Wildcat Branch	99	Proposed Pond	Durham Drive	Raleigh	I	\$79	Private	Yes	N/A	N/A	No	No	No	-
87	M-3	Mine	94	Existing Pond	Unknown	Raleigh	I	\$79	Private	Yes	CDM - Intermediate	Fair	No	-	Yes	-
88	H-3	House	63	Existing Pond	Unknown	Raleigh	E	\$79	Private	Yes	CDM - Low	Poor	No	-	N/A	-
89	WC-04B	Unnamed Tributary to Walnut Creek	580	Proposed Pond	Glenbrook Drive	Raleigh	I	\$84	Private	Yes	N/A	N/A	No	No	No	-
90	M-6	Mine	83	Existing Pond	Valley Lake	Raleigh	E	\$84	Private	Yes	CDM - High	Poor	No	-	Yes	-
91	WC-32B	Unnamed Tributary to Walnut Creek	249	Proposed Pond	Gorman Street	Raleigh	I	\$99	Private	Yes	N/A	N/A	No	No	No	-
92	P-1	Pigeon	43	Proposed Pond	N/A	Raleigh	E	\$99	Private	Yes	N/A	N/A	No	-	N/A	-
93	1001	Unnamed Tributary to Walnut Creek	841	Existing Pond	Underwood Pond	Raleigh-ETJ	I	\$101	Private	Yes	High	N/A	No	No	No	-
94	P-6	Pigeon	51	Proposed Pond	N/A	Raleigh	I	\$103	Private	Yes	N/A	N/A	No	-	N/A	-
95	P-5	Pigeon	35	Proposed Pond	N/A	Raleigh	E	\$103	Private	Yes	N/A	N/A	No	-	N/A	-
96	H-6	House	209	Existing Pond	Unknown	Raleigh	P	\$123	Private	Yes	CDM - High	Good	No	-	N/A	-
97	23	Unnamed Tributary to Walnut Creek	270	Existing Pond	Golf Course C	Raleigh	I	\$290	Private	Yes	N/A	Good	No	No	No	-
98	36	Unnamed Tributary to Walnut Creek	181	Existing Pond	Golf Course A	Raleigh	P	\$470	Private	Yes	N/A	Fair	No	No	No	-
99	S84	Perry Creek	47	Existing Pond	Heathrow Dam	Raleigh	E	N/A	Private	Yes	High	N/A	No	No	No	-
100	S70	Perry Creek	31	Existing Pond	Alyson Pond	Raleigh	E	N/A	Private	Yes	High	N/A	No	No	No	-
101	S42	Perry Creek	43	Existing Pond	Cheviot Golf Lake	Raleigh-ETJ	I	N/A	Private	Yes	City-Low	N/A	No	No	N/A	-
102	E32	Perry Creek	47	Existing Pond	Anne Lake	Raleigh-ETJ	E	N/A	Private	Yes	Intermediate	Poor	No	No	Yes	-

Notes:

- 1.) Site ID: \* indicate NRCS-constructed facility
- 2.) Facility Type  
Existing - Existing Wet Pond  
Proposed - Proposed Wet Pond  
Wetland - Proposed Stormwater Wetland
- 3.) Stream Type - As defined by a USGS 7.5-minute series topographic map  
E - Ephemeral  
I - Intermittent  
P - Perennial
- 4.) Nitrogen Cost/Benefit is the total program cost (including capital cost and operation and maintenance cost) divided by the pounds of total nitrogen removed over a 30-year planning period.
- 5.) Ownership - Who owns the existing facility or land for a proposed facility?  
Private - Privately owned  
Public - Publicly owned including State, Wake County, and City of Raleigh
- 6.) Is the stream located on or upstream of a NCDWQ 303(d)-listed stream?
- 7.) Hazard Classification - The NCDENR - Dam Safety Program classification for the existing dam?  
Low - Class A, minimal structural damage  
Intermediate - Class B, road damage or minor structural damage  
High - Class C, loss of life and/or serious structural damage  
\* Note: If the site is proposed or existing and not included in the NCDENR dam database, a determination was made on the hazard classification.
- 8.) Condition - A conceptual assessment of the condition of the existing dam and spillway  
Good - No trees, sinkholes, settlement, erosion, seepage. Spillway in good condition  
Fair - Small trees/brush, minor erosion, minor spillway repair.  
Poor - Existence of large trees, sinkholes, seepage, etc. Major repair to spillway required.
- 9.) Flood Control Benefit - Is the existing dam or will the proposed dam provide flood control benefit?
- 10.) Downstream Flooding - Has flooding been reported downstream of an existing/proposed facility?
- 11.) Pond in Series - Does the facility downstream meet the NCDENR surface area to drainage area (SA/DA) ratio?  
For example, if Pond A is located upstream of Pond B, can Pond B meet the SA/DA requirements without Pond A in place?  
No - The downstream pond can meet the SA/DA requirements.  
Yes - The downstream pond cannot meet the SA/DA requirements.
- 12.) Facility currently included in the City of Raleigh list of Capital Improvement Program Phase I Stormwater Projects