

**North Carolina Wetlands Restoration Program
Upper Rocky River / Clarke Creek Local Watershed Plan
Draft Recommended Best Management Practices
August 2003**

Subwatershed	Site ID	Jurisdiction	Project Type	Project Dimensions		Implementation Requirement	Priority			Potential Benefits	Conceptual Construction Cost
				acres	feet		Current Health	Future Risk	Natural Resources		
CC-1	R-1	Huntersville	Wet Pond Retrofit	32	-	None	29	26	1	Control hydrology, improve water quality, recreation	To be included
CC-2	S-1	Huntersville	Stream Restoration	-	3,540	CC-1-R-1 must be retrofitted first to control upstream hydrology	26	34	5	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
CC-2	W-1	Huntersville	Wetland Restoration	5-10	-	None	26	34	5	Improve water quality add habitat for macroinvertebrate	To be included
CC-6	S-1	Huntersville	Stream Restoration	-	2,550	None	28	33	7	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
CC-8	W-1	Huntersville	Wetland Preservation	50	-	None	28	36	10	Maintain continued water quality benefits, flood damage prevention, maintain habitat	To be included
CC-8	S-2	Huntersville	Stream Restoration	-	3,540	None	28	36	10	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
CC-9	BP-1	Cabarrus	Buffer Preservation	-	2,480	None	30	34	4	Maintain continued water quality benefits, flood damage prevention, maintain habitat	To be included
CC-9	R-1	Charlotte	Wet Pond Retrofit	13	-	None	30	34	4	Control hydrology, improve water quality, recreation	To be included
CC-10	P-1	Cabarrus	Proposed Wet Pond	12	-	None	27	32	4	Control hydrology, improve water quality, recreation	To be included
CC-11	W-1	Cabarrus	Wetland Preservation	265	-	None	25	34	13	Maintain continued water quality benefits, flood damage prevention, maintain habitat	To be included
DB-1	S-2	Mooresville	Stream Restoration	-	3,270	None	44	24	3	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
DB-3	S-1	Iredell/Mooresville	Stream Restoration	-	6,515	None	26	36	2	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
RM-1	P-1	Huntersville	Proposed Wet Pond	5.4	-	None	20	40	2	Control hydrology, improve water quality, recreation	To be included
RM-1,2,3	S-1	Huntersville	Stream/Buffer Restoration	-	12,330	Would be beneficial to implement RM-1-P-1 before restoration project	25	40	9	Stop Stream bank erosion, reduce instream velocities, improve water quality, reduce stormwater runoff volume, and add habitat for macroinvertebrate	To be included
RM-4	S-1	Huntersville	Stream Restoration	-	8,950	None	24	34	12	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
RR-1	P-1	Mooresville	Proposed Wet Pond	21	-	None	32	37	3	Control hydrology, improve water quality, recreation	To be included
RR-2	S-1	Iredell	Stream Restoration	-	3,430	None	27	36	6	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included

 Tier 1 Subwatershed
 Tier 2 Subwatershed

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				acres	feet		Current Health	Future Risk	Natural Resources		
RR-3,4	S-1	Cabarrus/Davidson	Stream Restoration	-	7,815	None	28	37	10	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
RR-4	P-1	Cabarrus/Davidson	Water Control Structure	30	-	RR-3,4-P-1 must be restored first	28	35	10	Improve water quality	To be included
RR-4	S-2	Cabarrus/Davidson	Stream Restoration	-	2,475	None	28	35	10	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
RR-5	BP-2	Cabarrus	Buffer Preservation	-	5,260	None	18	36	10	Maintain continued water quality benefits, flood damage prevention, maintain habitat	To be included
RR-8	S-2	Cabarrus	Stream/Buffer Restoration	-	2,180	None	28	36	10	Stop Stream bank erosion, reduce instream velocities, improve water quality, reduce stormwater runoff volume, and add habitat for macroinvertebrate	To be included
RR-9	P-1	Cabarrus	Proposed Wet Pond	11.5	-	None	32	38	6	Control hydrology, improve water quality, recreation	To be included
SPRR-2	W-1	Davidson	Wetland Restoration	10-20	-	None	22	31	5	Improve water quality add habitat for macroinvertebrate	To be included
WBRR-1	P-1	Iredell	Proposed Wet Pond	29	-	None	28	39	3	Control hydrology, improve water quality, recreation	To be included
WBRR-1	S-1	Iredell	Stream Restoration	-	2,610	WBRR-1-P-1 must be installed first to control upstream hydrology	28	39	3	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
WBRR-3	R-1	Iredell	Wet Pond Retrofit	4.1	-	None	24	37	3	Control hydrology, improve water quality, recreation	To be included
WBRR-3	S-1	Iredell	Stream Restoration	-	4,260	WBRR-3-R-1 must be retrofitted first to control upstream hydrology	24	37	3	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
WBRR-3,4,5,6	S-1	Iredell/Davidson	Stream/Buffer Restoration	-	12,100	None	25	39	9	Stop Stream bank erosion, reduce instream velocities, improve water quality, reduce stormwater runoff volume, and add habitat for macroinvertebrate	To be included
WBRR-8	S-1	Davidson	Stream Restoration	-	2,050	None	17	33	8	Stop Stream bank erosion, reduce instream velocities, add habitat for macroinvertebrate	To be included
WBRR-8	S-2	Davidson	Stream/Buffer Restoration	-	3,460	None	17	33	8	Stop Stream bank erosion, reduce instream velocities, improve water quality, reduce stormwater runoff volume, and add habitat for macroinvertebrate	To be included

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 Tier 2 Subwatershed