

North Carolina Nine (9) Element Checklist

Watershed	Bald Creek		
Applicant Name	Division of Mitigation Services -		
Contact Person/Title	Hal Bryson		
Address	Raleigh,		
Phone Number/Email			
Date of Submittal			
Plans using to document the Nine (9) Elements required for 319 funding? Please provide full reference			
Name of Plan(s)	Author/Developer	Year	Link/Location
Bald Creek Watershed Characterization	DMS Equinox	Feb 2004	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/BaldCrk-Ph1Report-Watershed-Characterization.pdf
Bald Creek LWP	DMS Equinox	Jan 2006	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
A Simplified Guide to Writing Watershed Restoration Plans and NC 9-Element Plan Checklist	TJCOG	2013	http://portal.ncdenr.org/c/document_library/get_file?uuid=71ba2c9f-75f9-44ee-b214-8aba63f0e9f0&groupId=38364

Once completed, please submit your checklist to Heather Jennings at heather.b.jennings@ncdenr.gov. DWR will conduct an internal review and notify you when the plan has been determined to meet all of the 9 Elements and is eligible for Section 319 Grant implementation funding. As they are approved, they will be listed on DWR's list of 319 watershed plans at <https://deq.nc.gov/about/divisions/water-resources/water-resources-grants/319-grant-program/nc-watershed-restoration-plans>.

If you are developing a plan that you are hoping to submit to 319 in the same year, please contact Heather Jennings by email or by phone at (919) 807-6437. Your plan will need to be submitted for approval at least 45 days prior to the 319 Grant application due date.

1. Identification of the Causes and Sources Checklist	Yes	No	Notes	Identify location of information (include link or attach plan and identify section and page number)
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				
Does the plan(s) identify stressors and sources in the watershed?	x		Bald Creek Watershed Characterization, p. 30 Bald Creek LWP pp. 14-15, 37-46.	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/BaldCrk-Ph1Report-Watershed-Characterization.pdf https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20

OPTIONAL (Supplemental and/or supporting information)				
Was a GIS desktop analysis performed?	X		Bald Creek LWP 15-	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
Has existing water quality or biological data been reviewed? <ul style="list-style-type: none"> Ambient water quality data USGS data 	X		Bald Creek LWP pp. 22-23, 26-29	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
Does the plan(s) identify any water quality impairments in this watershed (303(d) list)?	X		Bald Creek LWP pp. 26-28	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
Has a field assessment been conducted? <ul style="list-style-type: none"> CWP (Center for Watershed Protection) Method 	X		Bald Creek LWP pp. 15-22, 24-26, 29-33	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
Does the plan indicate if a TMDL has been developed for this watershed?			NA	
Does the plan(s) include a map that shows where stressors and sources are concentrated?	X		Bald Creek LWP pp. 21	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20

2. Description of the NPS Management Measures Checklist	Yes	No	Notes	Identify location of information (include link or attach plan and identify section and page number)
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				
Does the plan(s) identify management measures that address the stressors and sources identified in Element 1? (<i>note: prioritization of projects would be considered to meet this element</i>)	X		Bald Creek LWP pp. ii-iii (general management measures), 47-53, 58-65	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
3. Estimate of the load reductions expected for the management measures	Yes	No	Notes	Identify location of information (include link or attach plan and identify section and page number)
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				

Have potential indicators been identified for each management measure to determine success?	x		Bald Creek LWP pp. 47-54.	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
Has it been roughly quantified how much each management measure will reduce one or more parameters identified in Element 1?	x		SimplifiedGuide – Table 3 provides information on potential pollutant reductions associated with management activities NC BMP Manual provides guidance on quantifying pollutant reductions due to stormwater control measures.	http://portal.ncdenr.org/c/document_library/get_file?uuid=71ba2c9f-75f9-44ee-b214-8aba63f0e9f0&groupId=38364 http://portal.ncdenr.org/web/lr/bm-manual
OPTIONAL (Supplemental and/or supporting information)				
Has a water quality, watershed or lake response model been developed for this watershed?		x		
4. Estimate of the technical and financial assistance needed	Yes	No	Notes	Identify location of information (include link or attach plan and identify section and page number)
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				
Have the potential costs associated with management activities listed in the plan(s) been identified?	x		SimplifiedGuide – Table 4	http://portal.ncdenr.org/c/document_library/get_file?uuid=71ba2c9f-75f9-44ee-b214-8aba63f0e9f0&groupId=38364
Has the technical assistance that may be required to help with design, construction, implementation and monitoring of management strategies listed in the plan(s) been identified	x		Bald Creek LWP pp. 47-54.	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
OPTIONAL (Supplemental and/or supporting information)				
Have potential partners and funding sources to assist with implementation of the watershed plan(s) been identified and/or contacted?	x		Bald Creek LWP pp. 47-54.	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20

Have potential partners/funding sources to assist with maintenance and/or monitoring (following completion) been identified?		x		
5. Information/Education component	Yes	No	Notes	Identify location of information (include link or attach plan and identify section and page number)
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				
Have a range of information and education options been identified in the watershed plan?	x		Bald Creek LWP pp. 7-8 (general) Summarizes outreach approach used in plan development and to be used during implementation Simplified Guide pp. 8-9 – mentions additional education options	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20 http://portal.ncdenr.org/c/document_library/get_file?uuid=71ba2c9f-75f9-44ee-b214-8aba63f0e9f0&groupId=38364
OPTIONAL (Supplemental and/or supporting information)				
Have resource agencies that can be integrated into the watershed planning process been identified and/or contacted?	x		Bald Creek LWP pp. 47-54.	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
6. Schedule for implementing management measures	Yes	No	Notes	Identify location of information (include link or attach plan and identify section and page number)
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				
Have the tasks and activities that are related to the implementation and monitoring of management recommendations been identified?	x		Bald Creek LWP pp.47-54 Subwatersheds and their respective management measure sites have been prioritized and some tasks/activities associated with sites are identified.	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
Has it been determined if these tasks and activities are short-term, medium, or long-term in nature (<i>note: prioritization of projects is acceptable for meeting this element</i>)?	x		Bald Creek LWP pp.47-54 Subwatersheds and their respective management measure sites have been prioritized and some tasks/activities associated with sites are identified.	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20

The plan will be approvable with comments on spreadsheet, keep in mind that load reductions associated with specific management measures should be

included if you want to receive funding

7. Description of interim, measurable milestones	Yes	No	Notes	Identify location of information (include link or attach plan and identify section and page number)
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				
Have interim, measurable milestones (things that you can track) that can help determine if management measures (in Element 2) are being implemented been identified?	x		Bald Creek LWP pp.47-54 Subwatersheds and their respective management measure sites have been prioritized and some tasks/activities associated with sites are identified.	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				
8. Criteria that can be used to determine if loading reductions are being achieved	Yes	No	Notes	Identify location of information (include link or attach plan and identify section and page number)
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				
Have criteria and/or indicators that can be used to determine if management strategies and activities listed in the plan(s) are being effective been identified?	x		Bald Creek LWP pp. 47-54.	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				
9. Monitoring	Yes	No	Notes	Identify location of information (include link or attach plan and identify section and page number)
REQUIRED (This box(es) below must be checked Yes in order to be eligible as a 9 Element plan)				
Has a monitoring plan that includes each of the criteria and/or indicators identified in Element 8 been developed?	x	x	Bald Creek LWP pp. 47-65. Plan mentions parameters associated with management measures that could be monitored. DWR conducts monitoring (biological, chemical, physical). These data will be examined and used. Plan mentions partnering. Identify and make use of other existing monitoring data.	https://files.nc.gov/ncdeq/Water%20Quality/Planning/TMDL/Alternatives/5r/baldcreek/Bald-Creek-Watershed-Plan-FINAL-jan-06.pdf%20
OPTIONAL (Supplemental and/or supporting information)				

<p>Are there plans for conducting water quality monitoring?</p> <ul style="list-style-type: none"> • Intensive/On-going? • Field kits? 		x		
<p>If water quality monitoring is expected to be conducted, have you contacted NCDWR?</p>			<p>Make use of existing DWR (and other) data in watershed.</p>	