



North Carolina Department of Transportation
Highway Stormwater Program
STORMWATER MANAGEMENT PLAN
FOR NCDOT PROJECTS



(Version 3.02; Released April 23, 2024)

WBS Element: 35517.3.TA2 **TIP/Proj No:** R-2829B **County(ies):** Wake **Page** 1 **of** 10

General Project Information

WBS Element:	35517.3.TA2	TIP Number:	R-2829B	Project Type:	New Location	Date:	7/10/2024
NCDOT Contact:	NC Turnpike Authority - Ron McCollum			Contractor / Designer:	ICE of Carolinas		
Address:	1 South Wilmington Street Highway Building 6th Floor Raleigh, NC 27699			Address:	4505 Falls of Neuse Rd, Suite 125 Raleigh, NC 27609		
Phone:	919-707-2708			Phone:	984-255-0410		
Email:	remccollum@ncdot.gov			Email:	peter.graf@ice-eng.com		
City/Town:	City of Raleigh			County(ies):	Wake		
River Basin(s):	White Oak	Neuse		CAMA County?	No		
Wetlands within Project Limits?	Yes						

Project Description

Project Length (lin. miles or feet):	6 miles	Surrounding Land Use:	Residential and Urban Development					
	Proposed Project			Existing Site				
Project Built-Upon Area (ac.)	213.3	ac.	68.1	ac.				
Typical Cross Section Description:	6-lane divided facility; 70ft grassed median, with 8:1 side slopes (designed to accommodate 1 future median through lane in each direction), 14ft outside and median shoulders, outside grass roadway ditches w 6:1 side slopes; cut and fill slopes have a maximum 2:1 slope			New Location Project				
Annual Avg Daily Traffic (veh/hr/day):	Design/Future:	34800/66600	Year:	2025/2045	Existing:		Year:	

General Project Narrative:
(Description of Minimization of Water Quality Impacts)

The North Carolina Department of Transportation (NCDOT) has proposed to construct the Triangle Expressway Southeast Extension from south of SR 2542 (Rock Quarry Road) to I-87/US 64/US 264. Below are a list of minimization efforts associated with water quality impacts.

- Proposing to bridge several streams and wetlands to avoid and minimize impacts to jurisdictional features.
- Minimization of direct discharge of pipe systems into streams, wetlands and buffers where feasible.
- 2:1 slopes are proposed within wetland areas where practical.
- Toe protection proposed in fill sections over wetland areas.
- Energy dissipator/rip rap pads proposed at jurisdictional areas and buffers to minimize the potential for erosion.
- Stormwater design velocities entering wetland areas have been reduced to non-erosive velocities (less than 2 fps).
- Grassed roadway median/outside ditches as well as grass swale treatments have been used where feasible.
- Open shoulder sections were maximized to promote sheet flow from the roadway pavement.
- Roadway side slopes were minimized to the extent practicable and will reduce flow velocities and promote diffuse flow and infiltration down the vegetated fill slopes.
- Sediment and erosion control devices will follow the NCDOT protocol for Environmentally Sensitive Areas where required.
- EC devices will be installed as needed to promote stability and minimize sedimentation during construction.
- No staging of construction equipment or storage of construction supplies in jurisdictional areas during construction.
- Borrow and waste activities will occur outside of jurisdictional areas.

R-2829B is located in the Neuse River Basin and has (17) major crossings including bridges over the Neuse River, Hinton's Creek and the wetlandlands south of the NC 87 interchange, (11) new RCBCs and (1) RCBC extension. Drainage outfalls along the project have been analyzed to verify stability and countersunk Class I and Class II rip rap have been incorporated into the drainage design at the inlet and outlet of all jurisdictional stream crossings. Swales have been designed and incorporated into the project in practicable locations to provide infiltration before water enters jurisdictional streams. Additionally, most of the median and typical outside cut ditches along the entire project meet swale design criteria (even at locations where buffered streams are not present) before stormwater enters drainage systems and discharges to jurisdictional features. Other stormwater control measures such as detention basins were investigated in areas such as inside the loops of the interchanges and adjacent to jurisdictional streams, but due to the steep topography in the project area, existing features and project constraints detention basins were not feasible.



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General Project Information

Waterbody Information

Surface Water Body (1):	White Oak Creek		NCDWR Stream Index No.:	27-43-11	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?		Comments:			
NRTR Stream ID:	SFV		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	No	Deck Drains Discharge Over Buffer?	N/A	Dissipator Pads Provided in Buffer?	No
Deck Drains Discharge Over Water Body?	N/A	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)	
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (2):	UT to White Oak Creek		NCDWR Stream Index No.:	27-43-11	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?		Comments:			
NRTR Stream ID:	SGH		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?		Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?	
Deck Drains Discharge Over Water Body?	No	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)	
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (3):	UT to White Oak Creek		NCDWR Stream Index No.:	27-43-11	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?		Comments:			
NRTR Stream ID:	SGG		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?		Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?	
Deck Drains Discharge Over Water Body?		(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)	
(If yes, provide justification in the General Project Narrative)					



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Additional Waterbody Information

Surface Water Body (4):	UT to White Oak Creek		NCDWR Stream Index No.:	27-43-11	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SOS		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (5):	UT to White Oak Creek		NCDWR Stream Index No.:	27-43-11	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	PCH		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (6):	UT to White Oak Creek		NCDWR Stream Index No.:	27-43-11	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	PCI		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (7):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SOR		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					



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Surface Water Body (8):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	PAH		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (9):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGJ		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (10):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SAAM		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (11):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGK		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					



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Additional Waterbody Information

Surface Water Body (12):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGQ		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?			Deck Drains Discharge Over Buffer?	Dissipator Pads Provided in Buffer?	
Deck Drains Discharge Over Water Body?			(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (13):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGR		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?			Deck Drains Discharge Over Buffer?	Dissipator Pads Provided in Buffer?	
Deck Drains Discharge Over Water Body?			(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (14):	Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class B		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:	AFSA - anadromous fish spawning area		Primary Nursery Areas		
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGS		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Yes	Deck Drains Discharge Over Buffer?	No	Dissipator Pads Provided in Buffer?	
Deck Drains Discharge Over Water Body?	No	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)	
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (15):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGT		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?			Deck Drains Discharge Over Buffer?	Dissipator Pads Provided in Buffer?	
Deck Drains Discharge Over Water Body?			(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)
(If yes, provide justification in the General Project Narrative)					



Additional Waterbody Information

Surface Water Body (16):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGU		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (17):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGV		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (18):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGW		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (19):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGY		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					



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Surface Water Body (20):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SGZ		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (21):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SHA		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (22):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SHB		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (23):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SHD		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					



Additional Waterbody Information

Surface Water Body (24):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SHC		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (25):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SHH		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (26):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SHL		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (27):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SHE		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					



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Surface Water Body (28):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	PAM		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (29):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SHM		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (30):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SHN		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

Surface Water Body (31):	UT to Neuse River		NCDWR Stream Index No.:	27-(22.5)	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Nutrient Sensitive Waters (NSW)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?	Comments:				
NRTR Stream ID:	SAAJ		Buffer Rules in Effect:	Neuse	
Project Includes Bridge Spanning Water Body?	Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?		
Deck Drains Discharge Over Water Body?	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)		
(If yes, provide justification in the General Project Narrative)					

