

# ISOLATED DETERMINATION INFORMATION SHEET

(To be included with file copy when isolated wetlands/waters on site)

## INFORMATION SHEET

DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.04834 W. -78.15217  
 Approximate size of site/property (including uplands & in acres): 1.06 acres Wetland Site M  
 Name of waterway or watershed: Middle Swamp/Half Hell Branch

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road.

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DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
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 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05426 W. -78.15335  
 Approximate size of site/property (including uplands & in acres): 0.11 acres Wetland Site O1  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

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 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05453W. -78.15320  
 Approximate size of site/property (including uplands & in acres): 0.01 acres Wetland Site O2  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

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 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05683 W. -78.15395  
 Approximate size of site/property (including uplands & in acres): 0.01 acres Wetland Site O3  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

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 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05353 W. -78.15490  
 Approximate size of site/property (including uplands & in acres): 0.03 acres Wetland Site O4  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

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 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05446 W. -78.15499  
 Approximate size of site/property (including uplands & in acres): 0.03 acres Wetland Site O5  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

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 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05475 W. -78.15520  
 Approximate size of site/property (including uplands & in acres): 0.03 acres Wetland Site O6  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

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 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05499 W. -78.15537  
 Approximate size of site/property (including uplands & in acres): 0.02 acres Wetland Site O7  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

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 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05424 W. -78.15585  
 Approximate size of site/property (including uplands & in acres): 0.07 acres Wetland Site O8  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

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PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05506 W. -78.15510  
 Approximate size of site/property (including uplands & in acres): 0.04 acres Wetland Site O9  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

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NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

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DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpy Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05492 W. -78.15419  
 Approximate size of site/property (including uplands & in acres): 0.01 acres Wetland Site O10  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

# ISOLATED DETERMINATION INFORMATION SHEET

(To be included with file copy when isolated wetlands/waters on site)

## INFORMATION SHEET

**DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS**

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpy Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05531 W. -78.15457  
 Approximate size of site/property (including uplands & in acres): <0.01 acres Wetland Site O11  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

# ISOLATED DETERMINATION INFORMATION SHEET

(To be included with file copy when isolated wetlands/waters on site)

## INFORMATION SHEET

DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05539 W. -78.15459  
 Approximate size of site/property (including uplands & in acres): 0.01 acres Wetland Site O12  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

# ISOLATED DETERMINATION INFORMATION SHEET

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## INFORMATION SHEET

DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05557 W. -78.15483  
 Approximate size of site/property (including uplands & in acres): 0.02 acres Wetland Site O13  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

# ISOLATED DETERMINATION INFORMATION SHEET

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## INFORMATION SHEET

DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05570 W. -78.15465  
 Approximate size of site/property (including uplands & in acres): 0.02 acres Wetland Site O14  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

# ISOLATED DETERMINATION INFORMATION SHEET

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## INFORMATION SHEET

DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05559 W. -78.15451  
 Approximate size of site/property (including uplands & in acres): <0.01 acres Wetland Site O15  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

# ISOLATED DETERMINATION INFORMATION SHEET

(To be included with file copy when isolated wetlands/waters on site)

## INFORMATION SHEET

DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05553 W. -78.15437  
 Approximate size of site/property (including uplands & in acres): 0.02 acres Wetland Site O16  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

# ISOLATED DETERMINATION INFORMATION SHEET

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## INFORMATION SHEET

DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05642 W. -78.15439  
 Approximate size of site/property (including uplands & in acres): 0.01 acres Wetland Site O17  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 18 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

# ISOLATED DETERMINATION INFORMATION SHEET

(To be included with file copy when isolated wetlands/waters on site)

## INFORMATION SHEET

DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05856 W. -78.15374  
 Approximate size of site/property (including uplands & in acres): 0.37 acres Wetland Site Q1  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 3 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

# ISOLATED DETERMINATION INFORMATION SHEET

(To be included with file copy when isolated wetlands/waters on site)

## INFORMATION SHEET

DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05940 W. -78.15439  
 Approximate size of site/property (including uplands & in acres): 0.46 acres Wetland Site Q2  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 3 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.

# ISOLATED DETERMINATION INFORMATION SHEET

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## INFORMATION SHEET

DETERMINATIONS OF NO JURISDICTION FOR ISOLATED, NON-NAVIGABLE, INTRA-STATE WATERS RESULTING FROM U.S. SUPREME COURT DECISION IN SOLID WASTE AGENCY OF NORTHERN COOK COUNTY V. U.S. ARMY CORPS OF ENGINEERS

DISTRICT OFFICE: CE-SAW  
 FILE NUMBER: 200300073

REGULATORY PROJECT MANAGER: Timpv Date: 8-31-04  
 PROJECT REVIEW/DETERMINATION COMPLETED: In the office N\_ (Y/N) Date: \_\_\_\_\_  
 At the project site Y\_ (Y/N) Date: 8-31-04

PROJECT LOCATION INFORMATION:  
 State: North Carolina  
 County: Brunswick  
 Center coordinates of site by latitude & longitudinal coordinates: N. 34.05947 W. -78.15377  
 Approximate size of site/property (including uplands & in acres): 0.59 acres Wetland Site Q3  
 Name of waterway or watershed: Middle Swamp

**SITE CONDITIONS:**

Type of aquatic resource <sup>1</sup>	0-1 ac	1-3 ac	3-5 ac	5-10 ac	10-25 ac	25-50 ac	> 50 ac	Linear feet	Unknown
Lake									
River									
Stream									
Dry Wash									
Mudflat									
Sandflat									
Wetlands	X								
Slough									
Prairie pothole									
Wet meadow									
Playa lake									
Vernal pool									
Natural pond									
Other water (identify type)									
_____									

<sup>1</sup>Check appropriate boxes that best describe type of isolated, non-navigable, intra-state water present and best estimate for size of non-jurisdictional aquatic resource area.

Migratory Bird Rule Factors <sup>1</sup> :	If Known		If Unknown Use Best Professional Judgment		
	Yes	No	Predicted to Occur	Not Expected to Occur	Not Able To Make Determination
Is or would be used as habitat for birds protected by Migratory Bird Treaties?					X
Is or would be used as habitat by other migratory birds that cross state lines?			X		
Is or would be used as habitat for endangered species?					X
Is used to irrigate crops sold in interstate commerce?				X	

<sup>1</sup>Check appropriate boxes that best describe potential for applicability of the Migratory Bird Rule to apply to onsite, non-jurisdictional, isolated, non-navigable, intra-state aquatic resource area.

TYPE OF DETERMINATION: Preliminary \_ Or Approved X\_.

OPTIONAL ADDITIONAL INFORMATION SUPPORTING NJD (e.g., discussion may include information reviewed to assess potential navigation or interstate commerce connections - 1 to 3 paragraphs):

NCDOT TIP Project R-3434, Midway Road. Wetland site is among of 3 small sinkhole wetland sites located in the same vicinity. Each site is located in non-hydric soils, either Norfolk or Goldsboro soils.