

**FINAL DETERMINATION FOR THE
STATE OF DELAWARE
1998 CLEAN WATER ACT SECTION 303(d) LIST
OF WATERS NEEDING TMDLs**

WATERBODY ID (TOTAL SIZE)	WATERSHED NAME	SEGMENT	DESCRIPTION	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	YEAR LISTED	TARGET DATE FOR TMDL
<i>PIEDMONT BASIN</i>								
DE230-001-01 * (0.30 miles)	Naamans Creek	Lower Naamans Creek	From the mouth at the Delaware River, upstream to the first railroad bridge crossing	0.30 miles	Bacteria	NPS	1996	2004
DE230-001-02 (11.0 miles)	Naamans Creek	North Branch and South Branch	Upper Naamans Creek, including all tributaries on the North Branch and South Branch	7.8 miles	Bacteria and Nutrients	NPS	1996	2004
			First tributary after the headwaters of South Naamans Creek to the mainstem	1.15 miles	Biology and Habitat	NPS	1998	2009
			From the confluence of Naamans Creek and West Branch Naamans Creek to the confluence of Naamans Creek and North Branch Naamans Creek	0.56 miles	Biology and Habitat	NPS	1998	2009
DE300-001-01 (1.0 mile)	Shellpot Creek	Lower Shellpot Creek	From the head of tide below the east set of railroad tracks to the mouth of the Delaware River	1.0 mile	Nutrients and DO	NPS, Delaware River	1996	2004
DE300-001-02 (14.2 miles)	Shellpot Creek	Upper Shellpot Creek	From the headwaters to the head of tide below the east set of railroad tracks	7.7 miles	Bacteria and Nutrients	NPS	1996	2004
			Western tributary of the headwaters to the confluence of the next larger stream order	1.4 miles	Biology and Habitat	NPS	1998	2009
			From the headwaters of Matson Run to the confluence with mainstem Shellpot Creek	1.3 miles	Habitat	NPS	1998	2009
			From the headwaters of Matson Run to the confluence with mainstem Shellpot Creek	1.3 miles	Biology and Habitat	NPS	1998	2009

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DE300-001-03 (7.6 miles)	Shellpot Creek	All other tributaries located in the watershed but NOT on the mainstem	Western tributary of the headwaters of Stoney Creek to the confluence with mainstem Stoney Creek	0.63 miles	Habitat	NPS	1998	2009
			From the confluence of the headwaters of Stoney Creek to the mouth of the Delaware River	1.2 miles	Biology and Habitat	NPS	1998	2009
DE040-001 (3.8 miles)	Brandywine Creek	Lower Brandywine	Mainstem Lower Brandywine	3.8 miles	Nutrients and PCBs	PS, NPS, SF	1996	1999 (for Nutrients)
			Mainstem Lower Brandywine	3.8 miles	Habitat	NPS		1998
DE040-002 (9.3 miles)	Brandywine Creek	Upper Brandywine	From State Line to Wilmington	9.3 miles	Bacteria, PCBs, and Nutrients	PS, NPS, SF	1996	1999 (for Nutrients)
			From State line to the confluence with the Christina River	8.0 miles	Habitat	NPS		1998
DE040-003 (19.4 miles)	Brandywine Creek	All tributaries on Brandywine Creek from the headwaters at PA-DE line to the confluence with the Christina River	Eastern tributary of Beaver Creek, from headwaters to the confluence with mainstem Beaver Creek	0.96 miles	Biology and Habitat	NPS	1998	2009
			Tributary originating in Pennsylvania on the western side of Brandywine Creek	0.26 miles	Biology and Habitat	NPS	1998	2009
			Tributary of Brandywine Creek, off Route 100 (near PA-DE border)	0.92 miles	Habitat	NPS	1998	2009
			Tributary of Brandywine Creek just below Beaver Creek	0.85 miles	Habitat	NPS	1998	2009
			Eastern tributary of the headwaters of Rocky Run (upper half)	1.16 miles	Habitat	NPS	1998	2009
			Eastern tributary of the headwaters of Rocky Run (lower half)	1.16 miles	Biology and Habitat	NPS	1998	2009

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			From the confluence of the headwaters of Wilson Run to the next larger stream order (lower half)	0.64 miles	Habitat	NPS	1998	2009
			From the confluence of the headwaters of Wilson Run to the next larger stream order (upper half)	0.64 miles	Biology and Habitat	NPS	1998	2009
			Wilson Run, from start of the third order stream to the confluence with Brandywine Creek	0.88 miles	Biology	NPS	1998	2009
			Tributary of Wilson Run on Montchanin Road from the headwaters to the first confluence	0.45 miles	Habitat	NPS	1998	2009
DE260-001 (12.8 miles)	Red Clay Creek	Mainstem	From PA-DE line to the confluence with White Clay Creek	12.8 miles	Bacteria, Nutrients, Zn, and PCBs	PS, NPS, SF	1996	1999 (for Nutrients and Zn)
								2004 (for Bacteria)
								2009 (for PCBs)
			From the confluence of West Branch Red Clay Creek to the confluence with White Clay Creek (lower half)	6.4 miles	Habitat	NPS	1998	2009
			From the confluence of West Branch Red Clay Creek to the confluence with White Clay Creek (upper half)	6.4 miles	Biology and Habitat	NPS	1998	2009
DE260-002 (4.5 miles)	Red Clay Creek	Burroughs Run	From PA-DE line to the confluence with Red Clay Creek	2.6 miles	Bacteria and Nutrients	NPS	1996	1999 (for Nutrients)
								2004 (for Bacteria)
			From the confluence of the headwaters of Burroughs Run to the confluence with Red clay Creek	4.21 miles	Biology	NPS	1998	2009
DE260-003 (10.3 miles)	Red Clay Creek	All other tributaries located in the watershed but NOT on the mainstem	Second tributary below Burroughs Run to the confluence with Red Clay Creek	1.4 miles	Habitat	NPS	1998	2009
			Western tributary of the headwaters of Hyde Run to the confluence with the next larger stream order	1.20 miles	Biology and Habitat	NPS	1998	2009
DE260-L01 (200.0 acres)	Red Clay Creek	Reservoir	Hoopes Reservoir	200.0 acres	Bacteria	PS, NPS	1996	2004

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DE320-001 (18.2 miles)	White Clay Creek	Mainstem	From the PA-DE line to the confluence with the Christina River	15.6 miles	Bacteria, Nutrients, Zn (below Paper Mill Road) and PCBs (River mouth to Paper Mill Road)	PS, NPS	1996	1999 (for Nutrients and Zn)
								2004 (for Bacteria)
			From the confluence of East Branch White Clay Creek and West Branch White Clay Creek to the confluence with the Christina River	16.2 miles	Biology and Habitat	NPS	1998	2009 (for PCBs)
DE320-002 (16.6 miles)	White Clay Creek	Mill Creek	From the headwaters to the confluence with White Clay Creek	8.3 miles	Bacteria and Nutrients	NPS	1996	1999 (for Nutrients)
								2004 (for Bacteria)
			From the confluence of the headwaters of Mill Creek to the confluence with the next larger stream order	0.27 miles	Biology and Habitat	NPS	1998	2009
			Second western tributary-- From the headwaters of mainstem Mill Creek	0.04 miles	Habitat	NPS	1998	2009
			From the confluence of the headwaters of Mill Creek to the confluence with White Clay Creek (upper half)	1.64 miles	Habitat	NPS	1998	2009
			From the confluence of the headwaters of Mill Creek to the confluence with White Clay Creek (lower half)	1.64 miles	Biology and Habitat	NPS	1998	2009
DE320-003 (9.4 miles)	White Clay Creek	Pike Creek	From the headwaters to the confluence with White Clay Creek	5.4 miles	Bacteria and Nutrients	NPS	1996	1999 (for Nutrients)
								2004 (for Bacteria)
			Third eastern tributary after the headwaters of Pike Creek (upper half)	0.21 miles	Biology	NPS	1998	2009
			Third eastern tributary after the headwaters of Pike Creek (lower half)	0.21 miles	Biology and Habitat	NPS	1998	2009

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			Second eastern tributary after the headwaters of Pike Creek	0.96 miles	Biology and Habitat	NPS	1998	2009
			From the confluence of the headwaters of Pike Creek to the confluence with White Clay Creek	4.7 miles	Biology and Habitat	NPS	1998	2009
DE320-004 (5.8 miles)	White Clay Creek	Muddy Run	From the headwaters to the confluence with White Clay Creek	4.5 miles	Bacteria and Nutrients	NPS	1996	1999 (for Nutrients)
								2004 (for Bacteria)
			Eastern tributary of the headwaters of Muddy Run to the confluence of the next larger stream order (upper half)	0.89 miles	Biology	NPS	1998	2009
			Eastern tributary of the headwaters of Muddy Run to the confluence of the next larger stream order (lower half)	0.89 miles	Biology and Habitat	NPS	1998	2009
			Western tributary of the headwaters of Muddy Run to the confluence with the mainstem	1.3 miles	Habitat	NPS	1998	2009
DE320-005 (14.2 miles)	White Clay Creek	All tributaries from the headwaters to the confluence with the Christina River	First tributary after State line to the confluence of White Clay Creek, along Thompson Station Road	1.1 miles	Habitat	NPS	1998	2009
			Tributary off The Hunt at Louviers	0.38 miles	Biology	NPS	1998	2009
			Tributary off White Clay Creek that parallels Paper Mill Road-- Jennys Run	0.38 miles	Biology	NPS	1998	2009
			First tributary after Pike Creek--from the headwaters to the confluence with White Clay Creek	1.1 miles	Habitat	NPS	1998	2009
DE120-001 (1.5 miles)	Christina River	Lower Christina River	Mainstem Lower Christina River	1.5 miles	Nutrients, DO, and PCBs	NPS, SF	1996	1999 (for Nutrients and DO)
								2009 (for PCBs)
DE120-002 (8.5 miles)	Christina River	Mid Christina River	Between White Clay Creek and Brandywine River	7.5 miles	Nutrients and PCBs	NPS, SF	1996	1999 (for Nutrients)
								2009 (for PCBs)

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DE120-003 (6.9 miles)	Christina River	Upper Christina River	Mainstem Upper Christina River	6.3 miles	Nutrients, PCBs, and Bacteria	NPS, SF	1996	1999 (for Nutrients)
								2004 (for Bacteria)
								2009 (for PCBs)
			Segments from Smalley's Pond overflow to the confluence with White Clay Creek	5.77 miles	Biology and Habitat	NPS	1998	2009
			Tributary downstream of Smalleys Pond on the Christina River	0.65 miles	Biology	NPS	1998	2009
DE120-003-02 (3.1 miles)	Christina River	Lower Christina Creek	Tributary from Smalleys Pond overflow to White Clay Creek	1.0 mile	Biology and Habitat	NPS	1998	2009
DE120-004-01 (8.4 miles)	Christina River	Lower Christina Creek	Mainstem Lower Christina Creek	8.4 miles	Bacteria, Nutrients, and PCBs	NPS	1996	1999 (for Nutrients)
								2004 (for Bacteria)
								2009 (for PCBs)
			From the confluence of West Branch Christina River to the confluence with the mainstem	6.0 miles	Biology and Habitat	NPS	1998	2009
DE120-004-02 (5.6 miles)	Christina River	Belltown Run	From the headwaters above Becks Pond to the confluence with the Christina River	3.8 miles	Bacteria	NPS	1996	2004
			Eastern tributary of the headwaters of Belltown Run to the confluence with the Christina River	4.2 miles	Biology and Habitat	NPS	1998	2009
			Western tributary of the headwaters of Belltown Run to its confluence	0.88 miles	Habitat	NPS	1998	2009
DE120-004-03 (13.1 miles)	Christina River	Muddy Run	From the headwaters above Sunset Pond to the confluence with Belltown Run below Becks Pond	8.0 miles	Bacteria	NPS	1996	2004
			From the headwaters of Iron Hill Run to the next larger stream order	2.3 miles	Habitat	NPS	1998	2009
			Eastern tributary of the headwaters of Iron Hill Run to the next larger stream order	0.71 miles	Habitat	NPS	1998	2009

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			Eastern tributary above Sunset Pond to the confluence of the next larger stream order	2.3 miles	Biology	NPS	1998	2009	
			Eastern tributary of the headwaters of Muddy Run to its confluence	0.63 miles	Habitat	NPS	1998	2009	
DE120-005-01 (5.3 miles)	Christina River	West Branch	West Branch including Persimmon Run and Stine Haskell Branch	5.3 miles	Bacteria and Nutrients	NPS	1996	1999 (for Nutrients)	
								2004 (for Bacteria)	
DE120-006 (10.8 miles)	Christina River	Upper Christina Creek	Mainstem Upper Christina Creek	8.3 miles	Bacteria and Nutrients	NPS	1996	1999 (for Nutrients)	
			From the confluence of the headwaters of Upper Christina River to the confluence of West Branch	2.6 miles	Biology and Habitat	NPS	1998	2009	
			First western tributary after the headwaters of the Upper Christina River to mainstem Upper Christina River (upper half)	0.67 miles	Habitat	NPS	1998	2009	
			First western tributary after the headwaters of the Upper Christina River to mainstem Upper Christina River (lower half)	0.67 miles	Biology and Habitat	NPS	1998	2009	
DE120-007-01 (12.8 miles)	Christina River	Little Mill Creek and Willow Run	From the confluence of Willow Run and Chestnut Run to the confluence with the Christina River	5.1 miles	Bacteria, DO, Nutrients, and PCBs	NPS, SF	1996	1999 (for Nutrients and DO)	
								2004 (for Bacteria)	
									2009 (for PCBs)
			First western tributary after the headwaters of Little Mill Creek to the confluence with mainstem Little Mill Creek	1.4 miles	Habitat	NPS	1998	2009	
			From the headwaters of Willow Run to the confluence with the Christina River	0.54 miles	Habitat	NPS	1998	2009	
			From the confluence of the headwaters of Little Mill Creek to the confluence of Chestnut Run	4.4 miles	Biology and Habitat	NPS	1998	2009	

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			Little Mill Creek--from the confluence of Chestnut Run to the confluence with the Christina River	3.4 miles	Biology and Habitat	NPS	1998	2009
DE120-007-02 (2.8 miles)	Christina River	Chestnut Run	From the headwaters of Chestnut Run to the confluence with the Christina River	2.8 miles	Bacteria	NPS	1996	2004
			Eastern tributary of the headwaters of Chestnut Run to the confluence of the next larger stream order	1.1 miles	Habitat	NPS	1998	2009
			Left tributary of the headwaters of Chestnut Run to the confluence of the next larger stream order	0.43 miles	Biology and Habitat	NPS	1998	2009
DE120-L01 (30.0 acres)	Christina River	Smalleys Pond	Smalleys Pond east of Newark	30.0 acres	Bacteria, Nutrients, and PCBs	NPS	1996	1999 (for Nutrients)
								2004 (for Bacteria)
								2009 (for PCBs)
DE120-L02 (25.6 acres)	Christina River	Becks Pond	Becks Pond southeast of Newark	25.6 acres	Bacteria and Nutrients	NPS	1996	1999 (for Nutrients)
								2004 (for Bacteria)
DE120-L03 (40.0 acres)	Christina River	Sunset Pond	Sunset Pond south of Newark	40.0 acres	Bacteria and DO	NPS	1996	1999 (for DO)
								2004 (for Bacteria)
CHESAPEAKE BAY BASIN								
DE100-001 (12.2 miles)	Chesapeake Drainage System	Cypress Branch, including tributaries	Mainstem	6.6 miles	Bacteria and DO	NPS	1996	2005
			Cypress Branch--from the confluence of Black Stallion Ditch to the MD-DE line	1.60 miles	DO and Biology	NPS	1998	2005 (for DO)
								2010 (for Biology)

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			Tributary of Cypress Branch--from the confluence of the headwaters to the confluence with the mainstem	0.35 miles	Biology	NPS	1998	2010
DE100-002 (18.8 miles)	Chesapeake Drainage System	Sewell Branch, including tributaries	Mainstem	7.2 miles	Bacteria, DO, and Nutrients	NPS	1996	2005
			From the confluence of the headwaters to the confluence with Sewell Branch	8.20 miles	DO, Biology and Habitat	NPS	1998	2005 (for DO)
								2010 (for Biology and Habitat)
DE100-003 (20.6 miles)	Chesapeake Drainage System	Gravelly Run, including tributaries	Mainstem	7.7 miles	Bacteria, DO, and Nutrients	NPS	1996	2005
			Gravelly Run--from the confluence of Jamison Branch to the MD-DE line	1.08 miles	Habitat	NPS	1998	2010
			Tributary of Gravelly Run--from the headwaters to the confluence with the mainstem	0.22 miles	Habitat	NPS	1998	2010
			Tributary of Gravelly Run--first western tributary upstream of Gravelly Run	1.21 miles	Biology and Habitat	NPS	1998	2010
			Tributary of Gravelly Run--second eastern tributary from the headwaters of Gravelly Run to the mainstem	1.25 miles	Habitat	NPS	1998	2010
			Gravelly Run--from the start of the third order stream to the confluence with Jamison Branch	2.28 miles	Biology and Habitat	NPS	1998	2010
			From the confluence of Gravelly Run and Jamison Branch to the MD-DE line	1.14 miles	Biology and Habitat	NPS	1998	2010
DE100-004 (21.7 miles)	Chesapeake Drainage System	Tributaries of Elk River	First eastern tributary after the headwaters of Great Bohemia Creek	1.55 miles	Habitat	NPS	1998	2010
			Eastern tributary of the headwaters of Back Creek to its confluence	1.26 miles	Biology	NPS	1998	2010
DE100-005 (7.2 miles)	Chesapeake Drainage System	Tributaries of Sassafras River	Western tributary of the headwaters of Sassafras River to its confluence	1.92 miles	Biology	NPS	1998	2010
			From the confluence of the headwaters of Sassafras River to the next larger stream order	0.95 miles	Biology and Habitat	NPS	1998	2010

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DE110-001 (36.3 miles)	Choptank	Tappahanna Ditch	Mainstem	7.5 miles	Bacteria, DO, and Nutrients	NPS	1996	2005
			From start of the fourth order stream to the confluence with Tidy Island Creek	6.58 miles	Biology and Habitat	NPS	1998	2010
			Start of third order stream on Tappahanna Ditch to the confluence of the next larger stream order	1.12 miles	Biology and Habitat	NPS	1998	2010
			First western tributary after the headwaters of Tappahanna Ditch to its confluence	0.40 miles	Habitat	NPS	1998	2010
			Tidy Island Creek--from the confluence with Tappahanna Ditch to the MD-DE line	0.21 miles	Habitat	NPS	1998	2010
			Choptank River--from the start of the third order stream to the confluence with Choptank River	2.31 miles	Biology and Habitat	NPS	1998	2010
			Seventh eastern tributary upstream of Tappahanna Ditch	1.30 miles	DO and Habitat	NPS	1998	2005 (for DO)
								2010 (for Habitat)
			Tributary of Tappahanna Ditch--western tributary of the headwaters to its confluence	0.38 miles	Biology and Habitat	NPS	1998	2010
			Second western tributary after the headwaters of Tappahanna Ditch to its confluence	0.88 miles	Biology and Habitat	NPS	1998	2010
DE110-002 (34.3 miles)	Choptank	Culbreth Marsh Ditch	Mainstem	10.0 miles	Bacteria, DO, and Nutrients	NPS	1996	2005
			Luther Marvel Prong--from the confluence of the headwaters to the confluence with Culbreth Marsh Ditch	1.07 miles	Biology and Habitat	NPS	1998	2010
			From the confluence of Powell Ditch to the confluence with Ross Prong	1.31 miles	Habitat	NPS	1998	2010
			Culbreth Marsh Ditch--from start of the fourth order stream to the confluence with Mud Millpond (lower half)	1.79 miles	Habitat	NPS	1998	2010
			Culbreth Marsh Ditch--from start of the fourth order stream to the confluence with Mud Millpond (upper half)	1.79 miles	DO, Temperature, Biology and Habitat	NPS	1998	2005 (for DO and Temperature)

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								2010 (for Biology and Habitat)
			Culbreth Marsh Ditch--from the confluence of Ross Prong to the confluence with the next larger stream order	3.62 miles	Biology and Habitat	NPS	1998	2010
			Culbreth Marsh Ditch--from the confluence of Mud Millpond to the confluence of Cow Marsh Creek	1.86 miles	Biology	NPS	1998	2010
			Third western tributary upstream of Culbreth Marsh Ditch	1.99 miles	Biology and Habitat	NPS	1998	2010
			Ross Prong--from the confluence of the headwaters to the confluence with Culbreth Marsh Ditch	2.61 miles	Biology and Habitat	NPS	1998	2010
DE110-003 (89.9 miles)	Choptank	Cow Marsh Creek	Mainstem	15.1 miles	Bacteria, DO, and Nutrients	NPS	1996	2005
			First upstream tributary on Meredith Branch	0.46 miles	Habitat	NPS	1998	2010
			From the confluence of the headwaters of Sangston Prong to the confluence Gravelly Branch	1.98 miles	Biology and Habitat	NPS	1998	2010
			Tributary of Gary Mill Pond Branch--from the confluence of the headwaters to the confluence with Gary Mill Pond Branch	1.00 miles	Biology and Habitat	NPS	1998	2010
			First eastern tributary after the headwaters of Wildcat Branch	1.21 miles	Biology and Habitat	NPS	1998	2010
			Willow Grove Prong--from the start of the third order stream to the confluence with Cow Marsh Creek	1.24 miles	Biology and Habitat	NPS	1998	2010
			Tributary of Cow Marsh Creek--first eastern tributary upstream of Cow Marsh Creek	1.32 miles	Biology	NPS	1998	2010
			Cow Marsh Ditch--from start of third order stream to the confluence with Cow Marsh Creek	1.44 miles	Habitat	NPS	1998	2010
			Cow Marsh Ditch--from the confluence of the headwaters to the confluence with the next larger stream order	1.49 miles	Habitat	NPS	1998	2010

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			Bullock Prong--mainstem to the confluence with Price Prong	3.12 miles	Habitat	NPS	1998	2010
			Third tributary upstream of Cow Marsh Ditch--from the headwaters to the confluence with Cow Marsh Ditch	1.86 miles	Habitat	NPS	1998	2010
			Iron Mine Prong--from the confluence of Black Swamp to the next larger stream order	2.02 miles	Habitat	NPS	1998	2010
			Meredith Branch--from the start of the third stream order to the confluence with the next larger stream order	2.08 miles	Biology and Habitat	NPS	1998	2010
			White Marsh Branch--from the start of the third order stream to the confluence with Gravelly Branch and Sangston Prong	2.92 miles	Biology	NPS	1998	2010
			Cow Marsh Creek--from the confluence of Iron Mine Prong to the confluence with Choptank River	4.97 miles	Habitat	NPS	1998	2010
DE110-L01 (60.0 acres)	Choptank	Mud Mill Pond	Pond south of Marydel	60.0 acres	Bacteria, DO, and Nutrients	NPS	1996	2005
DE200-001 (20.3 miles)	Marshyhope Creek	Marshyhope Creek	From the headwaters to the State Line	19.7 miles	Bacteria, DO, and Nutrients	NPS	1996	2005
			Tributary to Black Arm Prong--third tributary upstream of Black Arm Prong	0.56 miles	Habitat	NPS	1998	2010
			Marshyhope Creek--from the confluence of Prospect Branch to the confluence with the MD-DE line	8.78 miles	Habitat	NPS	1998	2010
			From the confluence of Black Prong and Marshyhope Ditch to the confluence of Prospect Branch	4.50 miles	Biology and Habitat	NPS	1998	2010
DE200-002 (145.3 miles)	Marshyhope Creek	Tributaries from the headwaters to the State line	First tributary upstream of Prong No. 2--from the eastern headwater to its confluence	0.55 miles	Habitat	NPS	1998	2010
			Point Branch--from the headwaters to the confluence with the first tributary downstream	0.80 miles	Habitat	NPS	1998	2010
			Tributary of Tomahawk Branch--third eastern tributary downstream of the headwaters	1.54 miles	Habitat	NPS	1998	2010

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			Tributary of Tomahawk Branch--first eastern tributary upstream	0.69 miles	Habitat	NPS	1998	2010
			Tributary of Saulsbury Creek--from the MD-DE line to the confluence with Saulsbury Creek	0.82 miles	Biology and Habitat	NPS	1998	2010
			Saulsbury Creek--from the start of the third order stream to the confluence with Cattail Branch (upper half)	0.60 miles	Biology and Habitat	NPS	1998	2010
			Saulsbury Creek--from the start of the third order stream to the confluence with Cattail Branch (lower half)	0.60 miles	Habitat	NPS	1998	2010
			Prospect Branch--western tributary of the headwaters to its confluence	1.25 miles	Habitat	NPS	1998	2010
			Prong No. 2--from the start of the third order stream to the confluence with Bright-Haines Glade Branch	1.50 miles	Biology and Habitat	NPS	1998	2010
			From the confluence of the headwaters of Green Branch to the confluence with Marshyhope Creek	3.51 miles	Biology and Habitat	NPS	1998	2010
			Tributary of Saulsbury Creek--from the MD-DE line to the confluence with Saulsbury Creek	1.21 miles	Biology and Habitat	NPS	1998	2010
			Short and Hall Ditch--from the confluence of the headwaters of with Marshyhope Creek	1.45 miles	Habitat	NPS	1998	2010
			Brights Branch--from the start of the third order stream to the MD-DE line	1.78 miles	Habitat	NPS	1998	2010
			Bright-Haines Glade Branch--from the start of the fourth order stream and Prospect Branch to the confluence with Marshyhope Creek	1.30 miles	DO, Temperature, and Habitat	NPS	1998	2010
			Cattail Branch--from the start of the fourth order stream to the confluence with Saulsbury Creek (upper half)	2.17 miles	Biology and Habitat	NPS	1998	2010
			Cattail Branch--from the start of the fourth order stream to the confluence with Saulsbury Creek (lower half)	2.17 miles	DO, Temperature, and Habitat	NPS	1998	2010
			Tributary to Black Arm Prong--second tributary after the headwaters	0.52 miles	Habitat	NPS	1998	2010

WATERBODY ID (TOTAL SIZE)	WATERSHED NAME	SEGMENT	DESCRIPTION	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	YEAR LISTED	TARGET DATE FOR TMDL
			Eastern tributary of the headwaters of Cattail Branch to its confluence	0.87 miles	Habitat	NPS	1998	2010
			From the confluence of the headwaters of Green Branch to the confluence Marshyhope Creek	2.34 miles	Biology and Habitat	NPS	1998	2010
			Tributary to Cattail Branch--fourth western tributary downstream of the headwaters of Cattail Branch	1.08 miles	Biology and Habitat	NPS	1998	2010
			Tributary of Prong No. 2--from the start of the third order stream to the confluence with Bright-Haines Glade Branch	1.50 miles	Habitat	NPS	1998	2010
			Tributary to Cattail Branch--third western tributary upstream of Saulsbury Creek	1.06 miles	Habitat	NPS	1998	2010
			Tributary to Tomahawk Branch--first western tributary after the headwaters	0.95 miles	Habitat	NPS	1998	2010
DE240-001 (69.4 miles)	Nanticoke River	Lower Nanticoke River	From the head of tide in Middleford to the MD-DE State line	15.1 miles	Bacteria, Nutrients, and DO	PS, NPS	1996	12/15/98 (for Nutrients and DO) 2005 (for Bacteria)
DE240-002 (62.3 miles)	Nanticoke River	Upper Nanticoke River	From the headwaters of the Nanticoke River to the head of tide at Middleford	18.6 miles	Bacteria, Nutrients, and DO	PS, NPS	1996	12/15/98 (for Nutrients and DO) 2005 (for Bacteria)
			Tributary of White Marsh Branch--first western tributary downstream of the headwaters of White Marsh Branch	0.49 miles	Habitat	NPS	1998	2010
			Kent-Sussex Line Branch--from the start of the third order stream to the confluence with Nanticoke River (lower half)	1.33 miles	Habitat	NPS	1998	2010
			Kent-Sussex Line Branch--from the start of the third order stream to the confluence with Nanticoke River (upper half)	1.33 miles	Biology and Habitat	NPS	1998	2010
			Nanticoke Branch--from the confluence of Polk Branch to the confluence with Gum Branch	2.48 miles	Habitat	NPS	1998	2010

WATERBODY ID (TOTAL SIZE)	WATERSHED NAME	SEGMENT	DESCRIPTION	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	YEAR LISTED	TARGET DATE FOR TMDL
			Grubby Neck Branch--from the confluence of Polk Branch to the confluence with Gum Branch	1.24 miles	Habitat	NPS	1998	2010
			Nanticoke Branch--from the confluence of Kent-Sussex Line Branch to the confluence with Cart Branch	5.23 miles	Habitat	NPS	1998	2010
			Nanticoke River--from the start of the third order stream to the confluence with Kent-Sussex Line Branch.	3.13 miles	Biology and Habitat	NPS	1998	2010
			Tributary to Marsh Branch--first eastern tributary after the headwaters to its confluence	0.83 miles	Habitat	NPS	1998	2010
DE240-003 (22.9 miles)	Nanticoke River	Clear Brook Branch	From the headwaters of Clear Brook, Friedel Prong, and Bucks Branch to the confluence with Williams Pond	12.9 miles	Bacteria, Nutrients, and DO	NPS	1996	2000 (for Nutrients and DO)
								2005 (for Bacteria)
DE240-004 (99.2 miles)	Nanticoke River	Deep Creek Branch	From the headwaters above Concord Pond to the confluence with the Nanticoke River, excluding Concord Pond	5.5 miles	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
			2005 (for Bacteria)					
			McColleys Branch--from the confluence of New Ditch to the confluence with Deep Creek	3.24 miles	Habitat	NPS	1998	2010
			Deep Creek--from the start of the third order stream to the confluence with Deep Creek and McColleys Branch	2.51 miles	Habitat	NPS	1998	2010
			Tyndall Branch--from the start of the third order stream on Stoney Creek to the confluence of Tyndall Branch and Deep Creek	5.00 miles	Habitat	NPS	1998	2010
DE240-005 (61.2 miles)	Nanticoke River	Gravelly Branch	From the headwaters of Gravelly Branch above Collins Pond to the confluence with the Nanticoke River, excluding Collins Pond	6.5 miles	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
			2005 (for Bacteria)					
			Gravelly Branch--from the start of the third order stream to the confluence with the next larger stream order	2.12 miles	Habitat	NPS	1998	2010

WATERBODY ID (TOTAL SIZE)	WATERSHED NAME	SEGMENT	DESCRIPTION	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	YEAR LISTED	TARGET DATE FOR TMDL
			Prong No. 1--from the start of fourth order stream to the confluence with Gravelly Branch on Nanticoke River	0.73 miles	Habitat	NPS	1998	2010
			Maple Branch-- from the start of the third order stream to the confluence with Prong No. 1	1.0 mile	Habitat	NPS	1998	2010
DE240-006 (9.6 miles)	Nanticoke River	Bridgeville Branch	From the headwaters of Bridgeville Branch to the confluence with Nanticoke River	7.2 miles	Bacteria, Nutrients, and DO	NPS	1996	2000 (for Nutrients and DO)
								2005 (for Bacteria)
			Bridgeville Branch--from the start of the third order stream to the confluence with Nanticoke River	3.92 miles	Habitat	NPS	1998	2010
DE240-007 (12.1 miles)	Nanticoke River	Gum Branch	From the headwaters located northeast of Woodland Ferry to the confluence with Nanticoke River	6.0 miles	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
								2005 (for Bacteria)
			Gum Branch--from the start of the third order stream to the confluence with Nanticoke River	2.37 miles	Habitat	NPS	1998	2010
DE240-008 (25.8 miles)	Nanticoke River	Lewes Creek	Lewes Creek, including Butler Mill Branch and Chapel Branch	10.3 miles	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
								2005 (for Bacteria)
DE240-009 (1.0 miles)	Nanticoke River	DuPont Gut	Below Seaford from the DuPont Plant discharge to the confluence with the Nanticoke River	1.0 mile	Temperature	PS	1996	2000
DE240-010 (46.7 miles)	Nanticoke River	Gum Branch on Upper Nanticoke River	Gum Branch--from the confluence of Stallion Head Branch to the confluence with West Branch Gum Branch	3.51 miles	Habitat	NPS	1998	2010
			Toms Dam Branch--from the start of the third order stream to the confluence with Gum Branch	5.23 miles	Habitat	NPS	1998	2010
DE240-L01 (11.9 acres)	Nanticoke River	Craigs Pond	Pond southwest of Seaford and below Butler Mill Branch	11.9 acres	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
								2005 (for Bacteria)

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DE240-L02 (87.4 acres)	Nanticoke River	Concord Pond	Pond east of Seaford on Deep Creek Branch	87.4 acres	Nutrients	NPS	1996	2000
DE240-L04 (100.0 acres)	Nanticoke River	Williams Pond	Pond located in Seaford and below Middleford	100.0 acres	Nutrients	NPS	1996	2000
DE240-L05 (67.0 acres)	Nanticoke River	Hearns Pond	Pond located north of Seaford on Clear Brook Branch	67.0 acres	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
								2005 (for Bacteria)
DE050-001 (39.2 miles)	Broad Creek	Lower Broad Creek	Lower Broad Creek, including Collins and Culvert Ditch, Holly Ditch, and Rossakatum and Cooper Branches	24.8 miles	Bacteria and Nutrients	PS, NPS	1996	12/15/98 (for Nutrients)
			Cooper Branch--from the start of the third order stream on Rossakatum Branch to the confluence of Broad Creek	2.73 miles	Habitat	NPS	1998	2010
DE050-002 (13.0 miles)	Broad Creek	Tussocky Branch	Tributary west of Laurel, excluding Portsville and Tussock Ponds	7.9 miles	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
			Tussocky Branch--from the confluence of Mill Creek to the confluence with Broad Creek	3.42 miles	Habitat	NPS	1998	2010
DE050-003 (20.1 miles)	Broad Creek	Little Creek	Tributary south of Laurel, excluding Horsey's Pond	2.4 miles	Bacteria	NPS	1996	2005
DE050-004 (21.7 miles)	Broad Creek	Chipman Pond Branch	Tributary northeast of Laurel, excluding Chipman Pond	6.7 miles	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
			Jobs Ditch--from the headwaters to the confluence with Dukes and Jobs Branch	0.98 miles	Habitat	NPS	1998	2010
			Mirey Branch--from the start of the third order stream to the confluence with Elliott Pond Branch	1.28 miles	Habitat	NPS	1998	2010
			Dukes Ditch--from the headwaters to the confluence with Dukes and Jobs Branch	2.45 miles	Habitat	NPS	1998	2010

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DE050-005-01 (31.7 miles)	Broad Creek	James Branch	James Branch, including Pepper Pond Branch, Hitch Pond Branch, and Grays Branch	11.1 miles	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
								2005 (for Bacteria)
DE050-005-02 (18.8 miles)	Broad Creek	Trussum Pond Branch	From the headwaters to the confluence with James Branch, excluding Trussum Pond	3.5 miles	Bacteria	NPS	1996	2005
			Wards Branch--from the confluence of the headwaters to the confluence with James Branch	3.18 miles	DO	NPS	1998	2000
DE050-006-01 (21.5 miles)	Broad Creek	Trap Pond Branch	From the headwaters of Trap Pond including Saunders and Thompson Branches	2.9 miles	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
								2005 (for Bacteria)
DE050-L01 (14.5 acres)	Broad Creek	Portsville Pond	Pond west of Laurel on Tussocky Branch	14.5 acres	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
								2005 (for Bacteria)
DE050-L03 (46.3 miles)	Broad Creek	Horseys Pond	Pond south of Laurel on Little Creek tributary	46.3 acres	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
								2005 (for Bacteria)
DE050-L04 (91.9 acres)	Broad Creek	Records Pond	Pond adjacent to Laurel	91.9 acres	Bacteria, Nutrients, and DO	PS, NPS	1996	2000 (for Nutrients and DO)
								2005 (for Bacteria)
DE050-L05 (47.0 acres)	Broad Creek	Chipman Pond	Pond located north of Laurel on Chipman Branch	47.0 acres	Nutrients	NPS	1996	2000
DE050-L06 (58.7 acres)	Broad Creek	Trussum Pond	Pond southeast of Laurel on James Branch	58.7 acres	Bacteria and DO	NPS	1996	2000 (for DO)
								2005 (for Bacteria)
DE050-L07 (88.0 acres)	Broad Creek	Trap Pond	Pond east of Laurel on Hitch Pond Branch	88.0 acres	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)

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								2005 (for Bacteria)
DE050-L08 (13.5 acres)	Broad Creek	Raccoon Pond	Pond east of Laurel on Hitch Pond Branch	13.5 acres	Bacteria and Nutrients	NPS	1996	2000 (for Nutrients)
								2005 (for Bacteria)
DE250-001 (11.8 miles)	Pocomoke River	Pocomoke River	Pocomoke River, from headwaters to the MD-DE State line	11.8 miles	Bacteria, DO, and Nutrients	NPS	1996	2005
			Pocomoke River--from the confluence of Bald Cypress Branch and Gum Branch to the MD-DE line	0.99 miles	Habitat	NPS	1998	2010
			Pocomoke River--from start of the third order stream to the confluence with Bald Cypress Branch and Gum Branch	4.55 miles	Habitat	NPS	1998	2010
DE250-002 (41.7 miles)	Pocomoke River	Tributaries from the headwaters to MD-DE State line	Bald Cypress Branch--from the confluence of the headwaters to the confluence with the next larger stream order	3.5 miles	Habitat	NPS	1998	2010

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<i>INLAND BAYS/ATLANTIC OCEAN BASIN</i>								
DE170-001 (14.1 miles)	Lewes and Rehoboth Canal	Lewes and Rehoboth Canal	Tidal waters from the confluence of Delaware Bay to the confluence with Rehoboth Bay	8.9 miles	Bacteria, Nutrients, and DO	PS, NPS	1996	2003 (for Nutrients and DO)
								2006 (for Bacteria)
DE280-001-01 (29.8 miles)	Rehoboth Bay	Chapel Branch	From the headwaters of Chapel Branch to the confluence of Herring Creek, including Hopkins Prong, Unity Branch, Phillips Branch, and Guinea Creek	27.0 miles	Bacteria, Nutrients, and DO	NPS	1996	2003 (for Nutrients and DO)
			Chapel Branch--from the start of the second order stream to the confluence with Herring Creek	3.75 miles	Habitat	NPS	1998	2013
DE280-002 (21.5 miles)	Rehoboth Bay	Love Creek, including tributaries	Love Creek, Bundicks Branch and Goslee Creek to the confluence with Rehoboth Bay	4.2 miles	Bacteria, Nutrients, and DO	NPS	1996	2003 (for Nutrients and DO)
								2006 (for Bacteria)
DE280-E01 (12.0 miles)	Rehoboth Bay	Rehoboth Bay	Near coastal waters extending north from the confluence with Indian River Bay at Burton Island	12.0 sq. mi.	Nutrients and DO	PS, NPS	1996	12/15/98
DE280-L01 (33.0 acres)	Rehoboth Bay	Burton Pond	Pond northeast of Millsboro	33.0 acres	Nutrients	NPS	1998	2003
DE140-001 (11.2 miles)	Indian River	White Creek	Saline tidal waters extending from the north end of Assawoman Canal to the Indian River Bay	4.9 miles	Bacteria, Nutrients, and DO	NPS	1996	2003 (for Nutrients and DO)
								2006 (for Bacteria)
DE140-002 (13.8 miles)	Indian River	Blackwater Creek	Saline tidal waters from the headwaters to the confluence with Indian River Bay	7.2 miles	Bacteria	NPS	1996	2006

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DE140-003 (53.7 miles)	Indian River	Pepper Creek, including tributaries	Pepper Creek including Vines Creek, McCrays Branch, and Deep Hole Branch	24.8 miles	Bacteria, Nutrients, and DO	NPS	1996	2003 (for Nutrients and DO)
								2006 (for Bacteria)
DE140-004 (9.4 miles)	Indian River	Indian River	Saline tidal portion of river from Millsboro Pond to Power Plant intake	4.6 miles	Bacteria, Nutrients, Temperature, and SS	PS, NPS	1996	12/15/98 (for Nutrients and SS)
								2006 (for Bacteria)
DE140-005 (8.6 miles)	Indian River	Swan Creek	Freshwater tidal river from the headwaters of Swan Creek to the confluence with Indian River	8.6 miles	Bacteria, Nutrients, and Temperature	PS, NPS	1996	2003 (for Nutrients)
								2006 (for Bacteria and Temperature)
DE140-006 (12.1 miles)	Indian River	Stockley Branch	From the confluence of Alms House Ditch with Stockley Branch to the confluence with Millsboro Pond	8.23 miles	Bacteria and Nutrients	PS, NPS	1996	2003 (for Nutrients)
								2006 (for Bacteria)
DE140-007 (13.6 miles)	Indian River	Eli Walls Tax Ditch	From the headwaters of McGee Ditch, Eli Walls Tax Ditch, and Gills Branch to the confluence with Morris Millpond	13.6 miles	Bacteria and Nutrients	PS, NPS	1996	2003 (for Nutrients)
								2006 (for Bacteria)
DE140-008 (16.9 miles)	Indian River	Deep Branch, including tributary	Deep Branch, including Peterkins Branch, White Oak Swamp Ditch, Sockorockets Ditch, Welsh Branch, and Simpler Branch	16.9 miles	Bacteria, Nutrients, and DO	PS, NPS	1996	2003 (for Nutrients and DO)
								2006 (for Bacteria)
DE140-009 (23.5 miles)	Indian River	Mirey Branch, including tributaries	Mirey Branch, including Sheep Pen Ditch, and Narrow Drain	23.5 miles	Bacteria	NPS	1996	2006
			Mirey Branch-- from the confluence of the headwaters to the confluence with Sheep Pen Ditch	5.40 miles	Habitat	NPS	1998	2013

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DE140-010 (23.8 miles)	Indian River	Betts Pond Branch	From the headwaters of the tributaries of Ingrams Pond and Betts Pond to the confluence with Millsboro Pond, excluding Betts and Millsboro Pond	17.5 miles	Bacteria	NPS	1996	2006
DE140-E01 (13.0 sq. mi.)	Indian River	Lower Indian River Bay	From inlet to Pepper Creek	13.0 sq. mi.	Bacteria, Nutrients, and DO	PS, NPS	1996	12/15/98 (for Nutrients and DO)
								2006 (for Bacteria)
DE140-E02 (0.95 sq. mi.)	Indian River	Upper Indian River Bay	Upper portion of estuary from power plant cooling water intake to Pepper Creek, including Island Creek	0.95 sq. mi.	Bacteria, Nutrients, and Temperature	NPS	1996	12/15/98 (for Nutrients)
								2006 (for Bacteria)
DE140-L01 (126.0 acres)	Indian River	Millsboro Pond	Pond north of Millsboro	126.0 acres	Bacteria, DO and Nutrients	PS, NPS	1996	2003 (for Nutrients and DO)
								2006 (for Bacteria)
DE140-L02 (80.0 acres)	Indian River	Betts Pond	Pond northwest of Millsboro	80.0 acres	Bacteria and Nutrients	NPS	1996	2003 (for Nutrients)
								2006 (for Bacteria)
DE140-L03 (48.0 acres)	Indian River	Ingrams Pond	Pond west of Millsboro	48.0 acres	Bacteria and Nutrients	NPS	1996	2003 (for Nutrients)
								2006 (for Bacteria)
DE140-L04 (44.0 acres)	Indian River	Morris Mill Pond	Pond between Millsboro and Georgetown	44.0 acres	Bacteria	PS, NPS	1996	2006
DE150-001 (30.2 miles)	Iron Branch	Iron Branch	From the headwaters of Iron Branch and Whartons Branch to the confluence with Indian River	13.1 miles	Bacteria, Nutrients, DO	NPS	1996	2003 (for Nutrients and DO)
								2006 (for Bacteria)

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			Whartons Ditch--from the start of the third order stream to the confluence with Whartons Branch	3.55 miles	Habitat, DO and Temperature	NPS	1998	2013
DE070-001 (11.1 miles)	Buntings Branch	Buntings Branch	From the headwaters to the MD-DE State line	4.6 miles	Nutrients and DO	PS, NPS	1996	2003
DE350-E01 (0.59 sq. mi.)	Assawoman Bay	Assawoman Bay	Portion of the estuary up to the MD-DE State line	0.59 sq. mi.	Bacteria	NPS	1998	2006
DE180-001 (9.3 miles)	Little Assawoman	Little Assawoman Canal	Saline tidal waters from the confluence with White Creek to the confluence with little Assawoman Bay	3.1 miles	Bacteria, Nutrients, and DO	NPS	1996	2003 (for Nutrients and DO)
								2006 (for Bacteria)
DE180-002 (14.8 miles)	Little Assawoman	Miller Creek	From the headwaters of Miller Creek to the confluence with Little Assawoman bay	6.5 miles	Bacteria, Nutrients, and DO	NPS	1996	2003 (for Nutrients and DO)
			Beaver Dam Ditch--from the confluence of Blackwater Creek to the confluence with the next larger stream order	2.31 miles	Habitat	NPS	1998	2013
DE180-003 (31.0 miles)	Little Assawoman	Dirickson Creek	From the headwaters of Dirickson Creek to the confluence with Little Assawoman bay	13.3 miles	Bacteria and Nutrients	NPS	1996	2003 (for Nutrients)
			Bearhole Ditch--from the confluence. of the headwaters to the confluence with Batson Branch	2.39 miles	Habitat	NPS	1998	2013
			Agricultural Ditch--from the confluence of the headwaters to the confluence with Dirickson Creek	2.97 miles	Habitat	NPS	1998	2013
DE180-E01 (3.0 sq. mi.)	Little Assawoman	Little Assawoman Bay	Estuary from the confluence with Assawoman Canal to the confluence with Assawoman Bay	3.0 sq. mi.	Bacteria, DO and Nutrients	NPS	1996	2003 (for Nutrients and DO)
								2006 (for Bacteria)
<i>DELAWARE BAY BASIN</i>								

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DE020-001 (6.8 miles)	Army Creek	Lower Army Creek	Segment from Route 13 to mouth at Delaware River tidal freshwater segment	3.0 miles	Nutrients and DO	NPS	1996	2006 (for Nutrients and DO)
			First tributary on Army Creek after the headwaters	0.73 miles	Habitat	NPS	1998	2011
			Segment from Route 13 to the mouth of the Delaware River	2.00 miles	Biology and Habitat	NPS	1998	2011
DE020-002 (1.9 miles)	Army Creek	Upper Army Creek	Nontidal segment from headwaters to Route 13	1.1 miles	Nutrients and DO	NPS	1998	2006 (for Nutrients and DO)
DE270-001-01 (3.7 miles)	Red Lion Creek	Lower Red Lion	From U.S. Route 13 to the mouth at Delaware River	1.5 miles	DO, Nutrients, and Chlorinated Benzenes	NPS, SF	1996	2006 (for Nutrients and DO)
			First tributary downstream of Doll Run from the headwaters to the confluence with Red Lion Creek	0.91 miles	Biology	NPS	1998	2011 (for Chlorinated Benzenes)
DE270-001-02 (6.0 miles)	Red Lion Creek	Upper Red Lion	From the headwaters to the location where Route 13 intersects Red Lion Creek	1.9 miles	Bacteria and Nutrients	NPS	1996	2006
			First tributary after the headwaters of Red Lion Creek	0.28 miles	Biology	NPS	1998	2011
DE130-001 (3.2 miles)	Dragon Run Creek	Lower Dragon Run Creek	From dam at the water supply pond to the mouth of Delaware River	3.2 miles	Nutrients and DO	NPS	1998	2006
DE130-002 (4.5 miles)	Dragon Run Creek	Upper Dragon Run Creek	From headwaters to water supply pond	4.1 miles	Bacteria, DO, and Nutrients	NPS	1996	2006
			From the confluence of the headwaters to the water supply dam	3.42 miles	Biology	NPS	1998	2011
DE090-002 (17.8 miles)	Chesapeake & Delaware Canal (C & D Canal)	Tributaries of Chesapeake & Delaware Canal	Scott Run-- from the headwaters to the confluence with Chesapeake & Delaware Canal	4.81 miles	Biology, Habitat, and DO	NPS	1998	2006 (for DO)
								2011 (for Biology and Habitat)

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			Crystal Run--from the headwaters to the confluence with Chesapeake & Delaware Canal	1.52 miles	Biology	NPS	1998	2011
			Joy Run--from the headwaters to the confluence with Chesapeake & Delaware Canal	1.99 miles	Biology	NPS	1998	2011
			Eastern tributary on Lums Pond--from the headwaters to the confluence with Lums Pond	1.04 miles	Biology and Habitat	NPS	1998	2011
DE090-L01 (189.3 acres)	Chesapeake & Delaware Canal (C & D Canal)	Lums Pond	Pond south of Newark	189.3 acres	Bacteria	NPS	1996	2006
DE010-001-01 (7.1 miles)	Appoquinimink River	Lower Appoquinimink River	Saline Tidal Reach, excluding Hangman's Run	7.1 miles	Nutrients and DO	PS, NPS	1996	Established (1/30/98)
DE010-001-02 (6.1 miles)	Appoquinimink River	Upper Appoquinimink River	Freshwater Tidal Reach	6.1 miles	Nutrients and DO	PS, NPS	1996	Established (1/30/98)
DE010-001-03 (19.5 miles)	Appoquinimink River	Drawyer Creek	From the headwaters of Drawyer Creek to the confluence with the Appoquinimink River, including Shallcross Lake	8.2 miles	Bacteria, Nutrients, and DO	NPS	1996	2001 (for Nutrients and DO)
								2006 (for Bacteria)
			Tributary of Drawyer Creek--from the confluence of the headwaters to the confluence with the mainstem	2.30 miles	Biology and Habitat	NPS	1998	2011
			Western tributary of the headwaters of Drawyer Creek to its confluence	2.20 miles	Habitat	NPS	1998	2011
DE010-002-01 (3.4 miles)	Appoquinimink River	Wiggins Mill Pond to confluence with Silver Lake	From the headwaters of Wiggins Mill Pond to the confluence with Noxontown Pond	3.4 miles	Bacteria and DO	NPS	1996	2001 (for DO)
								2006 (for Bacteria)
			From the confluence of the headwaters of Wiggins Mill Pond to the confluence with Noxontown Pond	1.62 miles	Biology	NPS	1998	2011
DE010-002-02 (4.4 miles)	Appoquinimink River	Deep Creek to confluence with Silver Lake	From the headwaters of Deep Creek to confluence with Silver Lake, excluding Silver Lake	2.4 miles	DO	NPS	1996	2001
			First western tributary after the headwaters of Silver Lake	1.98 miles	Biology	NPS	1998	2011

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			Deep Creek.-- from the confluence of the headwaters to Appoquinimink River	1.84 miles	Biology	NPS	1998	2011
DE010-L01 (158.6 acres)	Appoquinimink River	Noxontown Pond	Pond southwest of Odessa	158.6 acres	Bacteria and Nutrients	NPS	1998	2001 (for Nutrients)
								2006 (for Bacteria)
DE010-L02 (38.7 acres)	Appoquinimink River	Silver Lake	Lake adjacent to Middletown, below Deep Creek	38.7 acres	Bacteria and Nutrients	NPS	1996	2001 (for Nutrients)
								2006 (for Bacteria)
DE010-L03 (43.1 acres)	Appoquinimink River	Shallcross Lake	Lake above Drawyer Creek	43.1 acres	Bacteria and Nutrients	NPS	1996	2001 (for Nutrients)
								2006 (for Bacteria)
DE030-001 (13.8 miles)	Blackbird Creek	Lower Blackbird	Tidal segment from Route 13 to mouth of the Delaware River	13.8 miles	DO and Nutrients	NPS	1996	2006
DE030-002 (13.6 miles)	Blackbird Creek	Upper Blackbird	Nontidal segment from headwaters to Route 13	13.6 miles	Bacteria, DO, and Nutrients	NPS	1996	2006
			First eastern tributary after the headwaters to the confluence with Blackbird Creek	2.19 miles	Biology	NPS	1998	2011
			Upper Blackbird Creek--from the confluence of the headwaters to the confluence with Barlow Branch	2.11 miles	Biology	NPS	1998	2011
			From the confluence of the headwaters to the confluence with Barlow Branch	2.27 miles	Biology	NPS	1998	2011
DE030-003 (9.7 miles)	Blackbird Creek	Tributaries on the mainstem	Sandom Branch to the confluence with Blackbird Creek (upper half)	1.16 miles	Biology and Habitat	NPS	1998	2011
			Sandom Branch to the confluence with Blackbird Creek (lower half)	1.16 miles	Habitat	NPS	1998	2011
DE310-001 (10.2 miles)	Smyrna River	Lower Smyrna River	From the head of tide to the Delaware River	10.2 miles	DO and Nutrients	NPS	1996	2006
DE310-002 (6.3 miles)	Smyrna River	Mill Creek	From the headwaters to Lake Como	5.2 miles	Bacteria, and Nutrients	NPS	1996	2006

WATERBODY ID (TOTAL SIZE)	WATERSHED NAME	SEGMENT	DESCRIPTION	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	YEAR LISTED	TARGET DATE FOR TMDL
			Providence Creek--from the confluence of the headwaters of Mill Creek to the confluence with Lake Como	2.18 miles	Biology and Habitat	NPS	1998	2011
DE310-003 (58.0 miles)	Smyrna River	Tributary of Smyrna River	Tributaries from the headwaters to the confluence with Delaware Bay	4.2 miles	Bacteria and Nutrients	NPS	1998	2006
			From the confluence of the headwaters of Paw Paw Branch to the confluence with Providence Creek	2.68 miles	Biology and Habitat	NPS	1998	2011
			First eastern tributary after the headwaters of Paw Paw Branch to the confluence with Smyrna River	0.86 miles	Habitat	NPS	1998	2011
			Eastern tributary of the headwaters of Sawmill Branch to its confluence	0.67 miles	Biology and Habitat	NPS	1998	2011
			Sawmill Branch--from the confluence of the headwaters to the next larger stream order	3.81 miles	Biology	NPS	1998	2011
DE310-L01 (82.0 acres)	Smyrna River	Lake Como and Duck Creek Pond	Lake Como in Smyrna	82.0 acres	Bacteria and Nutrients	NPS	1996	2006
DE160-001 (13.6 miles)	Leipsic River	Lower Leipsic River	From dam at Garrisons Lake to mouth at Delaware River	13.6 miles	Bacteria, Nutrients, and DO	NPS	1996	2006
DE160-002 (24.5 miles)	Leipsic River	Upper Leipsic River	From headwaters to Garrisons Lake, excluding Masseys Mill Pond	5.8 miles	Bacteria, DO, and Nutrients	NPS	1996	2006
			From the start of the third order stream on Pinks Branch to the confluence with Garrison Lake	2.70 miles	Biology and DO	NPS	1998	2006 (for DO)
			Tributary of Leipsic River--from the confluence of the headwaters to the confluence with Leipsic River	0.93 miles	Biology	NPS	1998	2011 (for Biology)
DE160-003 (37.2 miles)	Leipsic River	Tributary from the dam at Garrisons Lake to mouth at Delaware Bay	From the confluence of the headwaters of Alston Branch to the confluence Leipsic River	2.16 miles	Biology	NPS	1998	2011
			Tributary of Leipsic River--eastern tributary of the headwaters to its confluence	0.91 miles	Habitat	NPS	1998	2011
DE160-L01 (85.9 acres)	Leipsic River	Garrisons Lake	Lake south of Smyrna	85.9 acres	Bacteria and Nutrients	NPS	1996	2006

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DE160-L02 (30.0 acres)	Leipsic River	Masseys Mill Pond	Pond south of Clayton	30.0 acres	Bacteria, DO, and Nutrients	NPS	1996	2006
DE190-001-01 (2.9 miles)	Little River	Lower Little River	From the confluence of Upper Little River and Pipe Elm Branch with the Lower Little River to the mouth at Delaware Bay	2.9 miles	DO and Nutrients	NPS	1996	2006
DE190-001-02 (10.2 miles)	Little River	Upper Little River	From the headwaters to the confluence with Lower Little River	5.5 miles	Bacteria, DO, and Nutrients	NPS	1996	2006
			Morgan Branch--from the confluence of the headwaters to the confluence with the next larger stream order	0.60 miles	Habitat	NPS	1998	2011
			Start of the third order stream near the headwaters of Little River to the confluence with Morgan Branch	4.14 miles	Biology and Habitat	NPS	1998	2011
DE190-001-03 (2.1 miles)	Little River	Pipe Elm Branch	From the headwaters to the confluence with Little River	2.1 miles	Bacteria, DO, and Nutrients	NPS	1996	2006
DE290-001-01 (12.9 miles)	Saint Jones River	Lower Saint Jones	From Old Lebanon Bridge to the mouth of Delaware Bay	8.3 miles	DO, Nutrients, and PCBs	NPS	1996	2006 (for DO and Nutrient)
								2011 (for PCBs)
DE290-001-02 (11.2 miles)	Saint Jones River	Upper Saint Jones	From the dam at Silver Lake to Old Lebanon Bridge at Road 357	6.7 miles	Bacteria, DO, Nutrients, and PCBs	NPS	1996	2006 (for Nutrient, DO, and Bacteria)
			Tributary of Silver Lake in Dover	0.32 miles	Habitat	NPS	1998	2011
			Puncheon Branch--from the confluence of the headwaters to the confluence with the Saint Jones River	1.84 miles	Biology and Habitat	NPS	1998	2011
DE290-002 (17.0 miles)	Saint Jones River	Isaac Branch	From the headwaters to the confluence with Saint Jones River, excluding Moores Lake	9.1 miles	Bacteria, DO, and Nutrients	NPS	1996	2006
			From the confluence of Allabands Mill Stream to the confluence with Saint Jones River	3.62 miles	Biology	NPS	1998	2011

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			From the confluence of the headwaters of Almhouse Branch to the confluence of Isaac Branch	2.50 miles	Biology	NPS	1998	2011
			Second tributary upstream of Wyoming Lake on Isaac Branch	1.28 miles	Habitat	NPS	1998	2011
DE290-003 (39.5 miles)	Saint Jones River	Fork Branch	From the headwaters to Silver Lake in Dover	7.7 miles	Bacteria, DO, and Nutrients	NPS	1996	2006
			Cahoon Branch--from the confluence of the headwaters to the confluence with the next larger stream order	2.33 miles	Habitat	NPS	1998	2011
			Maidstone Branch- from the confluence of the third order stream to the confluence with Cahoon Branch	3.09 miles	Biology	NPS	1998	2011
			Tributary to Maidstone Branch---from the confluence of the headwaters to the confluence with Maidstone Branch	0.13 miles	Habitat	NPS	1998	2011
			Fork Branch--from the start of the third order stream to the confluence with Silver Lake in Dover	6.24 miles	Habitat and DO	NPS	1998	2011
			From the start of the third order stream on Cahoon Branch to the confluence with Maidstone Branch	1.28 miles	Biology	NPS	1998	2011
DE290-004 (11.5 miles)	Saint Jones River	Tidbury Branch	From below Derby Pond to the confluence with the Saint Jones River	3.8 miles	Bacteria and Nutrients	NPS	1996	2006
			From the confluence of the headwaters of Tidbury Creek to the confluence with Derby Pond	1.08 miles	Biology and Habitat	NPS	1998	2011
			Tributary of Tidbury Creek--from the headwaters to the confluence with Tidbury Creek	0.75 miles	Habitat	NPS	1998	2011
			Red House Branch--from the confluence of the headwaters to the confluence with Derby Pond	0.71 miles	Biology	NPS	1998	2011
			Tidbury Creek--from the confluence with Derby Pond to the confluence with Lower Saint Jones River	4.53 miles	Biology	NPS	1998	2011
DE290-L01 (27.1 acres)	Saint Jones River	Moore's Lake	Lake east of Camden	27.1 acres	Bacteria, DO, Nutrients, and PCBs	NPS	1996	2006 (for Nutrient, DO, and Bacteria)

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								2011 (for PCBs)
DE290-L02 (157.8 acres)	Saint Jones River	Silver Lake	Silver Lake at Dover	157.8 acres	Bacteria, Nutrients, and PCBs	NPS	1996	2006 (for Nutrient and Bacteria)
								2011 (for PCBs)
DE290-L03 (23.1 acres)	Saint Jones River	Derby Pond	Pond south of Wyoming	23.1 acres	Bacteria and Nutrients	NPS	1996	2006
DE220-001 (27.5 miles)	Murderkill River	Lower Murderkill	From the confluence with Spring Creek to the mouth at Delaware Bay	7.6 miles	Nutrients and DO	PS, NPS	1996	2001
DE220-002 (36.5 miles)	Murderkill River	Spring Creek	From the headwaters to the confluence with Murderkill River , excluding Andrews Lake and McGinnis Pond	15.8 miles	Bacteria, Nutrients, and DO	PS, NPS	1996	2001 (for Nutrients and DO)
								2006 (for Bacteria)
								Tributary of Hudson River--from the headwaters to the confluence with the next larger stream order
			Pratt Branch--eastern tributary of the headwaters to its confluence	1.27 miles	Biology	NPS	1998	2011
DE220-003 (16.2 miles)	Murderkill River	Mid Murderkill River	From McCauley and Coursey Pond to the confluence with Spring Creek	9.2 miles	Bacteria and Nutrients	PS, NPS	1996	2001 (for Nutrients)
								2006 (for Bacteria)
			Ash Gut-- from the headwaters to the confluence with the next larger stream order	1.04 miles	Biology and Habitat	NPS	1998	2011
DE220-004 (24.1 miles)	Murderkill River	Browns Branch	From the headwaters adjacent to Harrington to the confluence with McCauley Pond	8.8 miles	Bacteria, DO, and Nutrients	NPS	1998	2001 (for Nutrients and DO)
								2006 (for Bacteria)
			Tributary of Browns Branch--from the confluence of the headwaters to the confluence with Browns Branch	1.77 miles	Biology and Habitat	NPS	1998	2011

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DE220-005 (21.7 miles)	Murderkill River	Upper Murderkill River	From the headwaters to the confluence with Coursey pond, excluding Killens and Coursey Ponds	7.4 miles	Bacteria and Nutrients	NPS	1996	2001 (for Nutrients)
								2006 (for Bacteria)
			Spring Branch--tributary on Coursey Pond	2.52 miles	Biology	NPS	1998	2011
			Fan Branch--from the headwaters to the confluence with Murderkill River	2.31 miles	Habitat, DO, and Temperature	NPS	1998	2011
			Tributary of Black Swamp Creek--from the headwaters to its confluence	0.28 miles	Habitat	NPS	1998	2011
			Beaver Dam Branch--from the confluence of the headwaters to the confluence with Murderkill River and Black Swamp Creek	2.96 miles	Biology	NPS	1998	2011
			Black Swamp Creek--from the headwaters of Black Swamp to the confluence with the next larger stream order	0.75 miles	Biology, Habitat, and DO	NPS	1998	2011
DE220-L01 (31.3 acres)	Murderkill River	McGinnis Pond	Pond east of Viola	31.3 acres	Bacteria and Nutrients	NPS	1998	2001 (for Nutrients)
								2006 (for Bacteria)
DE220-L03 (58.1 acres)	Murderkill River	Coursey Pond	Pond southwest of Frederica	58.1 acres	Nutrients	NPS	1996	2001
DE220-L04 (75.1 acres)	Murderkill River	Killen Pond	Pond southwest of Felton	75.1 acres	Bacteria and Nutrients	NPS	1996	2001 (for Nutrients)
								2006 (for Bacteria)
DE220-L05 (49.0 acres)	Murderkill River	McCauley Pond	Pond northeast of Harrington	49.0 acres	Bacteria and Nutrients	NPS	1996	2001 (for Nutrients)
								2006 (for Bacteria)
DE210-001 (13.2 miles)	Mispillion River	Lower Mispillion	From dam at Silver Lake to mouth at Delaware Bay	13.2 miles	Bacteria, DO, and Nutrients	NPS	1996	2006

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DE210-002 (11.2 miles)	Mispillion River	Upper Mispillion	From the headwaters to Silver Lake in Milford, excluding Silver, Haven, and Griffith Lakes; Blairs, Abbotts, and Tub Mill Ponds	11.2 miles	Bacteria, DO, and Nutrients	NPS	1996	2006
			Tantrough Branch--from the headwaters to the confluence with Blairs Pond	3.24 miles	Biology	NPS	1998	2011
			Beaverdam Branch--western tributary of the headwaters to its confluence	2.69 miles	Biology	NPS	1998	2011
DE210-003 (9.8 miles)	Mispillion River	Johnson Branch including its tributaries	Johnson Branch--from the confluence of the headwaters to the confluence with Haven Lake	4.02 miles	Habitat	NPS	1998	2011
DE210-004 (5.6 miles)	Mispillion River	Tributary from the headwaters to Silver Lake	Lednum Branch---eastern tributary of the headwaters to its confluence	1.31 miles	Habitat	NPS	1998	2011
DE210-L01 (4.8 acres)	Mispillion River	Tub Mill Pond	Pond north of Milford	4.8 acres	Nutrients	NPS	1996	2006
DE210-L02 (28.5 acres)	Mispillion River	Silver Lake	Silver Lake at Milford	28.5 acres	Bacteria and Nutrients	NPS	1996	2006
DE210-L03 (82.5 acres)	Mispillion River	Haven Lake	Lake west of Milford; upstream of Silver Lake	82.5 acres	Nutrients and DO	NPS	1996	2006
DE210-L04 (32.2 acres)	Mispillion River	Griffith Lake	Lake west of Milford; upstream of Haven Lake	32.2 acres	Nutrients	NPS	1996	2006
DE210-L05 (28.5 acres)	Mispillion River	Blairs Pond	Pond southwest of Milford	28.5 acres	Bacteria, DO, and Nutrients	NPS	1996	2006
DE210-L06 (25.6 acres)	Mispillion River	Abbotts Mill Pond	Pond southwest of Milford	25.6 acres	Bacteria and Nutrients	NPS	1998	2006
DE080-001 (21.8 miles)	Cedar Creek	Lower Cedar Creek	Tidal segment from Cedar Creek Mill Pond to mouth at Delaware Bay	8.8 miles	DO, Bacteria, and Nutrients	NPS	1996	2006
DE080-002 (22.9 miles)	Cedar Creek	Upper Cedar Creek	From the headwaters to Cedar Creek Mill Pond, including Church Branch and Cedar Mill Pond, Gubbage Pond, Clendaniel Pond and Hudson Pond	13.0 miles	Bacteria and Nutrients	NPS	1996	2006
DE060-001 (10.6 miles)	Broadkill River	Lower Broadkill	From the confluence with Beaver Dam Creek to mouth at Delaware Bay, excluding Red Mill Pond	8.1 miles	Nutrients and DO	NPS	1996	2006
DE060-002 (8.3 miles)	Broadkill River	Beaverdam Creek	From the headwaters to the confluence with Broadkill River	8.3 miles	Bacteria and Nutrients	PS, NPS	1996	2006

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DE060-003 (7.5 miles)	Broadkill River	Upper Broadkill River	Broadkill River from below Waggamons Pond to the confluence with Beaver Dam Creek	5.0 miles	Bacteria and Nutrients	PS, NPS	1998	2006	
DE060-004 (5.2 miles)	Broadkill River	Round Pole Branch	Tributary from the headwaters to confluence with Upper Broadkill River	5.2 miles	Bacteria, DO, and Nutrients	NPS	1996	2006	
DE060-005 (13.0 miles)	Broadkill River	Ingrams Branch	From the headwaters to Waggamons Pond, including Diamond Pond	7.6 miles	Bacteria, DO, and Nutrients	NPS	1996	2006	
			Ingrams Branch-- western tributary of the headwaters	1.70 miles	Habitat and DO	NPS		1998	2006 (for DO)
									2011 (for Habitat)
DE060-006 (8.7 miles)	Broadkill River	Pemberton Branch	From the headwaters to Waggamons Pond	5.0 miles	Bacteria and Nutrients	NPS	1996	2006	
DE060-007-01 (5.3 miles)	Broadkill River	Lower Red Mill Branch	From Red Mill Pond to the confluence with Lower Broadkill River	5.3 miles	DO and Nutrients	NPS	1996	2006	
DE060-007-02 (1.5 miles)	Broadkill River	Martin Branch	From the headwaters to Red Mill Pond	1.5 miles	DO and Nutrients	NPS	1996	2006	
			Tributary above Red Mill Pond--from start of the second order stream to the confluence with Red Mill Pond	0.06 miles	Habitat	NPS		1998	2011
DE060-007-03 (1.0 miles)	Broadkill River	Heronwood Branch	From the headwaters to Red Mill Pond	1.0 miles	Bacteria and DO	NPS	1996	2006	
DE060-L01 (150.0 acres)	Broadkill River	Red Mill Pond	Pond located on Martin Branch	150.0 acres	Bacteria, Nutrients, and DO	NPS	1996	2006	
DE060-L02 (35.0 acres)	Broadkill River	Waggamons Pond	Pond adjacent to Milton	35.0 acres	Nutrients	PS, NPS	1996	2006	
DE060-L03 (88.8 acres)	Broadkill River	Waples Pond and Reynolds Pond	Ponds located on Sowbridge Branch of Primehook Creek	88.8 acres	Bacteria, Nutrients, and DO	NPS	1998	2006	
<i>DELAWARE ESTUARY BASIN</i>									
NA (59.0 sq. mi.)	Delaware River	DRBC Zone 5	From the coast line of Naamans Creek down to the coastline of the Appoquinimink River	59.0 sq. mi.	PCBs, Chronic Toxicity, and Bacteria	PS, NPS	1996	2005 (for Bacteria, PCBs)	
								2012 (Chronic Toxicity)	

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N/A (782.0 sq. mi.)	Delaware Bay	DRBC Zone 6	From Liston Point to the confluence with the Atlantic Ocean	782.0 sq. mi.	PCBs and Bacteria	PS, NPS	1996	2005 (for Bacteria)
								2006 (for PCBs)

KEY for Pollutant(s) or Stressor(s)

DO = Dissolved Oxygen

KEY for Probable Source(s):

NPS = Nonpoint Source(s)

PS = Point Source(s)

SF = Superfund Site(s)

Notes:

- * Although water quality criteria were met in this segment during 1995-1997 monitoring period, the segment has been retained on the 303(d) list because it was targeted on the 1996 List for TMDL development.
- Highlighted segments indicate those targeted for TMDL development within the next two years.