STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

2002 SECTION 305(B)
STATE OF THE STATE'S WATERS REPORT
APPENDIX

SURFACE WATER QUALITY ASSESSMENT SUMMARIES

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Overview

This Appendix to the 2002 Rhode Island State of the State's Waters, 305(b) Report provides individual summaries of the water quality assessment data for the 619 waterbodies/waterbody segments the Department of Environmental Management (DEM), Office of Water Resources (OWR) tracked for the 2002 assessment cycle. A list of these waterbodies, presented by watershed and waterbody ID number, in addition to a general map to assist in locating a waterbody, are included in Section I. A listing and brief discussion of the water quality monitoring projects and programs which provided the data used for these 2002 water quality assessments, is included in Section II. The Assessment Methodology, which describes how the data from these monitoring projects are interpreted to calculate an assessment of water quality and determination of the designated use support status, is presented in Section III. Section IV gives a brief explanation and overview of the information presented in the two-page waterbody assessment summaries. Section V contains the two-page water quality assessment summary for each of the waterbodies evaluated during the 2002 assessment cycle.

Section I – List of Waterbodies

Below is a list of waterbodies/waterbody segments tracked and assessed by DEM/OWR during the 2002 assessment cycle. The list is organized by watershed and waterbody ID number. Refer to the map below to assist in locating the appropriate watershed.

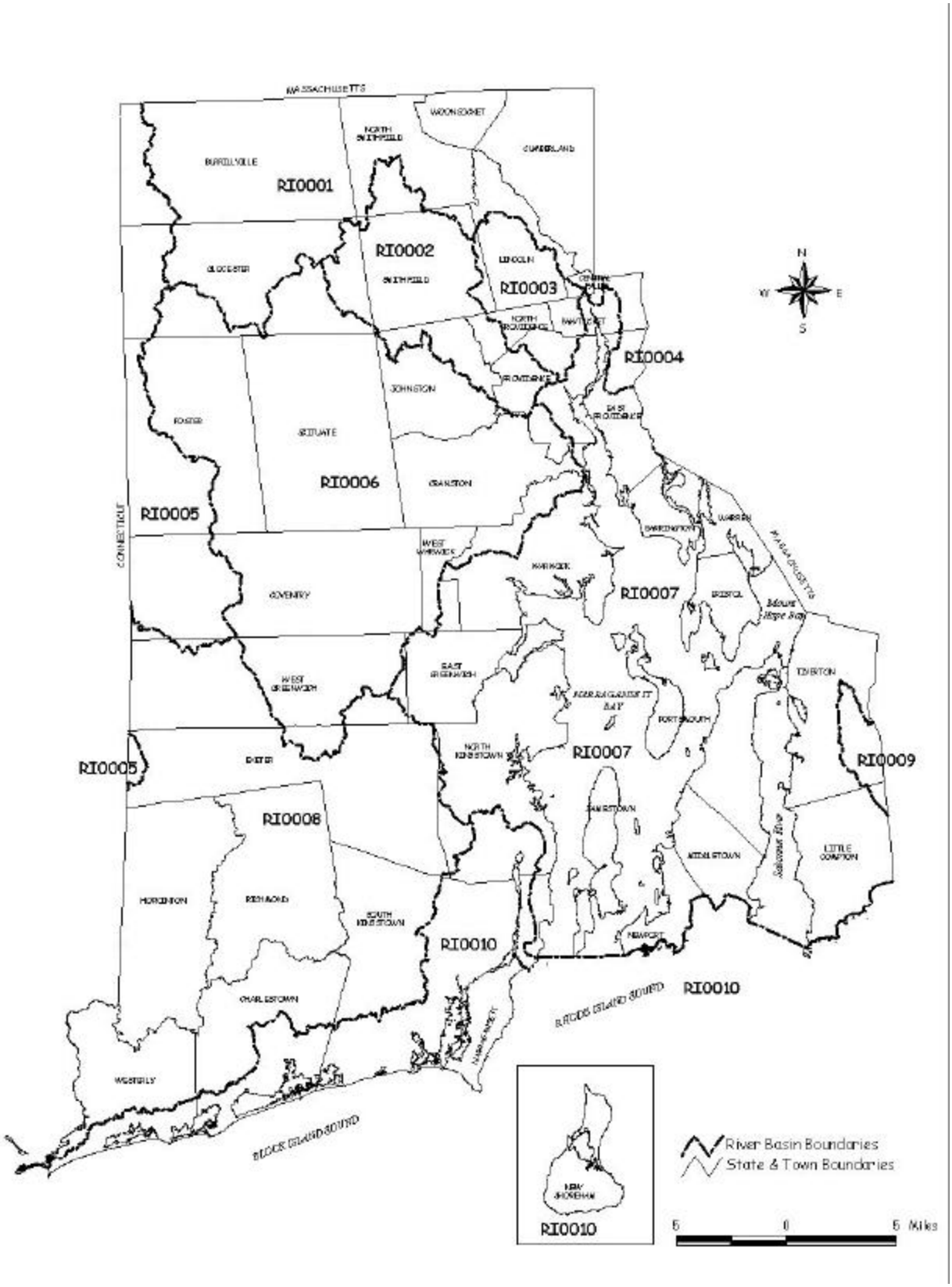

Table 1 Waterbody ID Numbers and Basin

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
. RI0001	**Blackstone River Basin**	1
RI0001001	*Wallum Lake & Tribs*	1
RI0001001L-01	Wallum Lake	1
RI0001002	*Branch River & Tribs*	3
RI0001002L-01	Wilson Reservoir	3
RI0001002L-03	Echo Lake (Pascoag Reservoir)	5
RI0001002L-04	Spring Lake (Herring Pond)	7
RI0001002L-05	Sucker Pond	9
RI0001002L-06	Spring Grove Pond	11
RI0001002L-07	Smith & Sayles Reservoir	13
RI0001002L-08	Tarkiln Pond	15
RI0001002L-09	Slatersville Reservoir	17
RI0001002L-10	Burlingame Reservoir	19
RI0001002L-11	Keech Pond	21
RI0001002L-12	Round Top State Pond	23
RI0001002L-13	Nichols Pond	25
RI0001002L-14	Cherry Valley Pond	27
RI0001002L-15	Round Pond	29
RI0001002L-16	Shingle Mill Pond	31
RI0001002L-17	Trout Brook Pond	33
RI0001002R-01A	Branch River	35
RI0001002R-01B	Branch River	37
RI0001002R-02	Brandy Brook	39
RI0001002R-03	Chepachet River	41
RI0001002R-04	Chocalog River	43
RI0001002R-05A	Clear River	45
RI0001002R-05B	Clear River	47
RI0001002R-05C	Clear River	49
RI0001002R-05D	Clear River	51
RI0001002R-06	Dry Arm Brook	53
RI0001002R-07	Mowry Paine Brook	55
RI0001002R-08	Nipmuc River	57
RI0001002R-09	Pascoag River	59
RI0001002R-11	Round Top Brook	61
RI0001002R-12	Saunders Brook	63
RI0001002R-13A	Tarkiln Brook	65
RI0001002R-13B	Tarkiln Brook	67
RI0001002R-14	Trout Brook	69
RI0001002R-15	Herring Brook	71
RI0001002R-16	Iron Mine Brook	73
RI0001002R-17	Leland Brook	75
RI0001002R-18	Mowry Brook	77

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0001002R-19	Peckham Brook	79
RI0001002R-20	Stingo Brook	81
RI0001002R-21	Tucker Brook	83
RI0001002R-22	Sucker Brook	85
RI0001002R-23	Dawley Brook	87
RI0001002R-24	Rankin Brook	89
RI0001003	*Blackstone River & Tribs*	91
RI0001003L-01	Scott Pond	91
RI0001003L-02	Valley Falls Pond	93
RI0001003L-03	Todd's Pond	95
RI0001003L-04	Handy Pond (Upper Rochambeau Pond)	97
RI0001003R-01A	Blackstone River	99
RI0001003R-01B	Blackstone River	101
RI0001003R-02	Cherry Brook	103
RI0001003R-03	Mill River	105
RI0001003R-04	Peters River	107
RI0001003R-05	Scott Brook	109
RI0001003R-06	West Sneech Brook	111
RI0001003R-07	Monastery Brook	113
RI0001004	*Woonsocket Res #3 & all Tribs*	115
RI0001004L-01	Woonsocket Reservoir #3	115
RI0001004L-02	Woonsocket Reservoir #1	117
RI0001004L-03	Woonsocket Reservoir #2	119
RI0001004L-04	Laporte's Pond	121
RI0001004R-01	Crookfall Brook	123
RI0001004R-02	Spring Brook	125
RI0001005	*Sneech Pond & Tribs*	127
RI0001005L-01	Sneech Pond	127
RI0001006	*Abbott Run Brook & Tribs*	129
RI0001006L-01	Diamond Hill Reservoir	129
RI0001006L-02	Arnold Mills Reservoir (Pawtucket Reservoir)	131
RI0001006L-03	Happy Hollow Pond	133
RI0001006L-04	Robin Hollow Pond	135
RI0001006L-05	Miscoe Lake	137
RI0001006L-06	Rawson Pond	139
RI0001006L-07	Howard Pond	141
RI0001006R-01	Abbott Run Brook	143
RI0001006R-02	Long Brook	145
RI0001006R-03	East Sneech Brook	147
RI0001006R-04	Ash Swamp Brook	149
RI0001006R-05	Indian Brook	151
RI0001006R-06	Burnt Swamp Brook	153
RI0001006R-07	Catamint Brook	155

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0001006R-08	Millers River	157
RI0001006R-09	Sylvyns Brook	159
RI0002	**Woonasquatucket River Basin**	161
RI0002007	*Woonasquatucket River & Tribs*	161
RI0002007L-01	Hawkins Pond	161
RI0002007L-02	Georgiaville Pond	163
RI0002007L-03	Slack Reservoir	165
RI0002007L-04	Waterman Reservoir	167
RI0002007L-05	Upper Sprague Reservoir	169
RI0002007L-06	Lower Sprague Reservoir	171
RI0002007L-07	Stillwater Pond	173
RI0002007L-08	Woonasquatucket Reservoir (Stump Pond)	175
RI0002007L-09	Harris Pond	177
RI0002007L-10	Mountaindale Reservoir	179
RI0002007L-11	Primrose Pond	181
RI0002007R-01	Assapumpset Brook	183
RI0002007R-02	Cutler Brook	185
RI0002007R-03	Harris Brook	187
RI0002007R-04	Hawkins Brook	189
RI0002007R-05	Latham Brook	191
RI0002007R-06	Reaper Brook	193
RI0002007R-07	Shincott Brook	195
RI0002007R-09	Stillwater River	197
RI0002007R-10A	Woonasquatucket River	199
RI0002007R-10B	Woonasquatucket River	201
RI0002007R-10C	Woonasquatucket River	203
RI0002007R-10D	Woonasquatucket River	205
RI0002007R-11	Nine Foot Brook	207
RI0003	**Moshassuck River Basin**	209
RI0003008	*Moshassuck River & Tribs*	209
RI0003008L-01	Olney Pond	209
RI0003008L-02	Barney Pond	211
RI0003008L-04	Canada Pond	213
RI0003008L-05	Wenscott Reservoir (Twin Rivers)	215
RI0003008R-01A	Moshassuck River	217
RI0003008R-01B	Moshassuck River	219
RI0003008R-02	Threadmill Brook	221
RI0003008R-03A	West River	223
RI0003008R-03B	West River	225
RI0003008R-03C	West River	227
RI0004	**Ten Mile River Basin**	229
RI0004009	*Ten Mile River & Tribs*	229
RI0004009L-01A	Turner Reservoir	229

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0004009L-01B	Turner Reservoir	231
RI0004009L-02	Slater Park Pond	233
RI0004009L-03	Omega Pond	235
RI0004009R-01A	Ten Mile River	237
RI0004009R-01B	Ten Mile River	239
RI0005	**Thames River Basin**	241
RI0005010	*Beach Pond & Tribs*	241
RI0005010L-01	Beach Pond	241
RI0005011	*Moosup River & Tribs*	243
RI0005011L-01	Carbuncle Pond	243
RI0005011L-02	Waterman Pond (Sisson Pond)	245
RI0005011L-03	Arnold Pond	247
RI0005011L-04	Whitford Pond	249
RI0005011L-05	Great Grass Pond	251
RI0005011L-06	Clark Pond	253
RI0005011L-07	Briggs Pond	255
RI0005011R-01	Bucks Horn Brook	257
RI0005011R-02	Warwick Brook	259
RI0005011R-03	Moosup River	261
RI0005011R-04	Roaring Brook	263
RI0005011R-05	West Meadow Brook	265
RI0005011R-06	Quanduck Brook	267
RI0005011R-07	Salisbury Brook	269
RI0005047	*Tribs to the Five Mile*	271
RI0005047L-01	Wakefield Pond	271
RI0005047L-02	Peck Pond	273
RI0005047L-03	Bowdish Reservoir	275
RI0005047L-04	Lake Washington	277
RI0005047L-05	Cedar Swamp Pond	279
RI0005047L-07	Killingly Pond	281
RI0005047L-08	Clarksville Pond	283
RI0005047L-09	Hawkins Pond	285
RI0005047R-01	Brown Brook	287
RI0005047R-02	Keach Brook	289
RI0005047R-03	Mowry Meadow Brook	291
RI0005047R-04	Croff Farm Brook	293
RI0005047R-05	Cold Spring Brook	295
RI0005047R-06	Leeson Brook	297
RI0006	**Pawtuxet River Basin**	299
RI0006012	*Big River & Tribs*	299
RI0006012L-01	Carr Pond (W. Greenwich)	299
RI0006012L-02	Tarbox Pond	301
RI0006012L-03	Milbrook Pond	303

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0006012L-04	Capwell Mill Pond	305
RI0006012L-05	Reynolds Pond	307
RI0006012R-01	Bear Brook	309
RI0006012R-02	Big River	311
RI0006012R-03	Carr River	313
RI0006012R-04	Congdon River	315
RI0006012R-05	Nooseneck River	317
RI0006012R-06	Raccoon Brook	319
RI0006012R-07	Mud Bottom Brook	321
RI0006013	*Flat River Res & Tribs*	323
RI0006013L-01	Flat River Reservoir (Johnson Pond)	323
RI0006013L-03	Coventry Reservoir (Stump Pond)	325
RI0006013L-04	Quidnick Reservoir	327
RI0006013L-12	Maple Root Pond	329
RI0006013L-13	Carr Pond (Coventry)	331
RI0006013R-01	Boyd Brook	333
RI0006013R-02	Flat River	335
RI0006013R-03	McCuster Brook	337
RI0006013R-04	Negro Sawmill Brook	339
RI0006013R-05	Pierce Brook	341
RI0006013R-06	Pine Swamp Brook	343
RI0006013R-07	Poor Farm Brook	345
RI0006013R-08	Quidneck Brook	347
RI0006013R-09	Whaley Brook	349
RI0006013R-10	Turkey Meadow Brook	351
RI0006014	*Pawtuxet River South Branch & Tribs*	353
RI0006014L-01	Mishnock Lake	353
RI0006014L-02	Tiogue Lake	355
RI0006014L-04	Upper Dam Pond	357
RI0006014L-05	Matteson Pond	359
RI0006014R-01	Hawkinson Brook	361
RI0006014R-02	Mishnock River	363
RI0006014R-03	Old Hickory Brook	365
RI0006014R-04A	Pawtuxet River South Branch	367
RI0006014R-04B	Pawtuxet River South Branch	369
RI0006015	*Scituate Reservoir Tribs*	371
RI0006015L-01	Regulating Reservoir	371
RI0006015L-02	Ponagansett Reservoir	373
RI0006015L-03	Westconnaug Reservoir	375
RI0006015L-04	Moswansicut Pond	377
RI0006015L-05	Shippee Saw Mill Pond	379
RI0006015L-06	Barden Reservoir	381
RI0006015L-07	Scituate Reservoir	383
RI0006015L-08	Coomer's Lake	385

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0006015L-09	Brush Meadow Pond	387
RI0006015L-10	King Pond	389
RI0006015L-11	Pine Swamp Pond	391
RI0006015L-12	Betty Pond	393
RI0006015L-13	Lake Aldersgate	395
RI0006015L-14	Kimball Reservoir	397
RI0006015R-01	Allen Richard Brook	399
RI0006015R-02	Bear Tree Brook	401
RI0006015R-03	Blanchard Brook	403
RI0006015R-04	Brandy Brook	405
RI0006015R-05	Bullhead Brook	407
RI0006015R-06	Cork Brook	409
RI0006015R-07	Coventry Brook	411
RI0006015R-08	Dolly Cole Brook	413
RI0006015R-09	Hannah Brook	415
RI0006015R-10	Hemlock Brook	417
RI0006015R-11	Huntinghouse Brook	419
RI0006015R-12	Kent Brook	421
RI0006015R-13	Killy Brook	423
RI0006015R-14	King Brook	425
RI0006015R-16	Moswansicut Stream	427
RI0006015R-17	Paine Brook	429
RI0006015R-18	Mosquitohawk Brook	431
RI0006015R-19	Peeptoad Brook	433
RI0006015R-20	Ponagansett River	435
RI0006015R-21	Quonopaug River	437
RI0006015R-22	Rush Brook	439
RI0006015R-23	Shippee Brook	441
RI0006015R-24	Soak Hide Brook	443
RI0006015R-25	Spruce Brook	445
RI0006015R-26	Swamp Brook	447
RI0006015R-27	Westconnaug Brook	449
RI0006015R-28	Westconnaug Stream	451
RI0006015R-29	Wilbur Hollow Brook	453
RI0006015R-30	Windsor Brook	455
RI0006015R-31	Hunt Brook	457
RI0006015R-32	Potterville Brook	459
RI0006016	*Pawtuxet River North Branch & Tribs*	461
RI0006016L-01	Black Rock Reservoir	461
RI0006016L-02	J.L. Curran Reservoir (Fiskeville Reservoir)	463
RI0006016R-01	Black Rock Brook	465
RI0006016R-02	Clarke Brook	467
RI0006016R-03	Colvin Brook	469
RI0006016R-04	Cranberry Brook	471
RI0006016R-05	Lippet Brook	473

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0006016R-06A	Pawtuxet River North Branch	475
RI0006016R-06B	Pawtuxet River North Branch	477
RI0006016R-07	Burlingame Brook	479
RI0006017	*Pawtuxet River Main Stem & Tribs*	481
RI0006017L-01	Meshanticut Pond	481
RI0006017L-02	Three Ponds	483
RI0006017L-05	Roger Williams Park Ponds	485
RI0006017L-06	Mashapaug Pond	487
RI0006017L-07	Spectacle Pond	489
RI0006017L-08	Fenner Pond	491
RI0006017L-09	Sand Pond (N. of Airport)	493
RI0006017R-01	Furnace Hill Brook	495
RI0006017R-02	Meshanticut Brook	497
RI0006017R-03	Pawtuxet River Main Stem	499
RI0006017R-04	Three Pond Brook	501
RI0006018	*Pocasset River & Tribs*	503
RI0006018L-01	Oak Swamp Reservoir	503
RI0006018L-02	Almy Reservoir	505
RI0006018L-03	Simmons Reservoir	507
RI0006018L-04	Randall Pond	509
RI0006018L-05	Print Works Pond	511
RI0006018L-06	Blackamore Pond	513
RI0006018R-01	Cedar Swamp Brook	515
RI0006018R-02A	Dry Brook	517
RI0006018R-02B	Dry Brook	519
RI0006018R-03	Pocasset River	521
RI0006018R-04	Simmons Brook	523
RI0007	**Narragansett Basin**	525
RI0007019	*Seekonk River*	525
RI0007019E-01	Seekonk River	525
RI0007020	*Providence River*	527
RI0007020E-01A	Providence River	527
RI0007020E-01B	Providence River	529
RI0007020L-02	Brickyard Pond	531
RI0007020L-04	Posnegansett Pond	533
RI0007020L-06	Prince's Pond (Tiffany Pond)	535
RI0007020L-07	Echo Lake	537
RI0007020R-01	Mussuchuck Creek	539
RI0007020R-02	Annawomscott Brook	541
RI0007021	*Barrington & Runnins Rivers*	*543*
RI0007021E-01A	Barrington River	543
RI0007021E-01B	Barrington River	545
RI0007021R-01	Runnins River	547

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0007022	*Palmer River*	549
RI0007022E-01A	Palmer River	549
RI0007022E-01B	Palmer River	551
RI0007023	*Warren River*	553
RI0007023E-01A	Warren River	553
RI0007023E-01B	Warren River	555
RI0007024	*Upper Narragansett Bay*	557
RI0007024E-01	Upper Narragansett Bay	557
RI0007024E-02	Old Mill Creek	559
RI0007024L-01	Sandy Pond (S. of Airport) (Little Pond)	561
RI0007024L-02	Warwick Pond	563
RI0007024R-01	Buckeye Brook	565
RI0007024R-02	Parsonage (Knowles) Brook	567
RI0007024R-03	Lockwood Brook	569
RI0007024R-04	Warner Brook	571
RI0007025	*Greenwich Bay*	573
RI0007025E-01	Apponaug Cove	573
RI0007025E-02	Brushneck Cove	575
RI0007025E-03	Buttonwoods Cove	577
RI0007025E-04A	Greenwich Bay	579
RI0007025E-04B	Greenwich Bay	581
RI0007025E-05A	Greenwich Cove	583
RI0007025E-05B	Greenwich Cove	585
RI0007025E-06A	Warwick Cove	587
RI0007025E-06B	Warwick Cove	589
RI0007025L-01	Gorton Pond	591
RI0007025R-01	Hardig Brook	593
RI0007025R-02	Cedar Brook	595
RI0007025R-03	Maskerchugg River	597
RI0007025R-04	Dark Entry Brook	599
RI0007025R-05	Tuscatucket Brook	601
RI0007025R-06	Baker Creek	603
RI0007026	*Bristol Harbor*	605
RI0007026E-01A	Bristol Harbor	605
RI0007026E-01B	Bristol Harbor	607
RI0007026E-01C	Bristol Harbor	609
RI0007026E-01D	Bristol Harbor	611
RI0007026R-01	Silver Creek	613
RI0007026R-02	Walker Creek	615
RI0007027	*West Passage Narragansett Bay*	617
RI0007027E-01A	Allen's Harbor	617
RI0007027E-01B	Allen's Harbor	619
RI0007027E-02A	Bissel Cove	621

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0007027E-02B	Bissel Cove	623
RI0007027E-03A	West Passage	625
RI0007027E-03B	West Passage	627
RI0007027E-03C	West Passage	629
RI0007027E-03D	West Passage	631
RI0007027E-03E	West Passage	633
RI0007027E-03F	West Passage	635
RI0007027E-03G	West Passage	637
RI0007027E-03H	West Passage	639
RI0007027E-03I	West Passage	641
RI0007027E-04A	Wickford Harbor	643
RI0007027E-04B	Wickford Harbor	645
RI0007027E-05	Little Allen's Harbor	647
RI0007027L-01	Annaquatucket Mill Pond	649
RI0007027L-02	Belleville Ponds	651
RI0007027L-03	Secret Lake	653
RI0007027L-04	Kettle Hole Pond	655
RI0007027L-05	Davol Pond	657
RI0007027R-01	Annaquatucket River	659
RI0007027R-02	Belleville Upper Pond Inlet	661
RI0007027R-03	Cocumcussoc Brook	663
RI0007027R-04	Kettle Hole Pond to Secret Lake	665
RI0007027R-05	Pine River	667
RI0007027R-06	Mill Creek	669
RI0007027R-07	Oak Hill Brook	671
RI0007027R-08	Great Creek	673
RI0007027R-09	Wannuchecomecut Brook	675
RI0007027R-10	Tibbets Creek	677
RI0007027R-11	Hall Creek	679
RI0007028	*Potowomut River*	681
RI0007028E-01	Potowomut River	681
RI0007028L-01	Potowomut Pond	683
RI0007028R-01	Frenchtown Brook	685
RI0007028R-02	Fry Brook	687
RI0007028R-03A	Hunt River	689
RI0007028R-03B	Hunt River	691
RI0007028R-04	Mawney Brook	693
RI0007028R-05	Sandhill Brook	695
RI0007028R-06	Scrabbletown Brook	697
RI0007028R-07	Pierce Brook	699
RI0007029	*East Passage Narragansett Bay*	701
RI0007029E-01A	East Passage	701
RI0007029E-01B	East Passage	703
RI0007029E-01C	East Passage	705

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0007029E-01D	East Passage	707
RI0007029E-01E	East Passage	709
RI0007029E-01F	East Passage	711
RI0007029E-01G	East Passage	713
RI0007029E-01H	East Passage	715
RI0007029E-01I	East Passage	717
RI0007029E-01J	East Passage	719
RI0007029E-01K	East Passage	721
RI0007029E-01L	East Passage	723
RI0007029E-01M	East Passage	725
RI0007029E-01N	East Passage	727
RI0007029E-02	Mackerel Cove	729
RI0007029E-03	Potter Cove	731
RI0007029R-01A	Mother of Hope Brook	733
RI0007029R-01B	Mother of Hope Brook	735
RI0007029R-02	Barker Brook	737
RI0007029R-03	Bloody Brook	739
RI0007030	*Newport Harbor/Coddington Cove*	741
RI0007030E-01A	Newport Harbor/Coddington Cove	741
RI0007030E-01B	Newport Harbor/Coddington Cove	743
RI0007030E-01C	Newport Harbor/Coddington Cove	745
RI0007030E-01D	Newport Harbor/Coddington Cove	747
RI0007032	*Mt. Hope Bay*	749
RI0007032E-01A	Mt. Hope Bay	749
RI0007032E-01B	Mt. Hope Bay	751
RI0007032E-01C	Mt. Hope Bay	753
RI0007032E-01D	Mt. Hope Bay	755
RI0007032R-01	Founders Brook	757
RI0007033	*Kickemuit River*	759
RI0007033E-01A	Kickemuit River	759
RI0007033E-01B	Kickemuit River	761
RI0007033E-01C	Kickemuit River	763
RI0007034	*Warren Reservoir*	765
RI0007034L-01	Kickemuit Reservoir (Warren Reservoir)	765
RI0007034R-01	Upper Kickemuit River	767
RI0007035	*Aquidneck Water Supply Tribs*	769
RI0007035L-01	Gardiner Pond	769
RI0007035L-02	Nelson Paradise Pond	771
RI0007035L-03	North Easton Pond (Green End Pond)	773
RI0007035L-04	South Easton Pond	775
RI0007035L-05	Saint Mary's Pond	777
RI0007035L-06	Lawton Valley Reservoir	779
RI0007035L-07	Watson Reservoir	781

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RI0007035L-08	Nonquit Pond	783
RI0007035L-10	Sisson Pond	785
RI0007035R-01	Bailey's Brook	787
RI0007035R-02A	Maidford River	789
RI0007035R-02B	Maidford River	791
RI0007035R-03	Paradise Brook	793
RI0007035R-04	Lawton Brook	795
RI0007036	*Jamestown Water Supply*	797
RI0007036L-01	North Carr Pond	797
RI0007036L-02	South Watson Pond	799
RI0007036R-01	Jamestown Brook	801
RI0007037	*Stafford Pond*	803
RI0007037L-01	Stafford Pond	803
RI0007037R-01	Sucker Brook	805
RI0008	**Pawcatuck River Basin**	807
RI0008038	*Tidal Pawcatuck River/Little Narragansett Bay*	807
RI0008038E-01A	Tidal Pawcatuck River	807
RI0008038E-01B	Tidal Pawcatuck River	809
RI0008038E-02A	Little Narragansett Bay	811
RI0008038E-02B	Little Narragansett Bay	813
RI0008039	*Pawcatuck River & Tribs*	815
RI0008039L-01	Chapman Pond	815
RI0008039L-02	Watchaug Pond	817
RI0008039L-05	Meadowbrook Pond (Sandy Pond)	819
RI0008039L-06	Pasquiset Pond	821
RI0008039L-07	Worden Pond	823
RI0008039L-08	Tucker Pond	825
RI0008039L-11	Larkin Pond	827
RI0008039L-12	Thirty Acre Pond	829
RI0008039L-13	Hundred Acre Pond	831
RI0008039L-14	Barber Pond	833
RI0008039L-15	Yawgoo Pond	835
RI0008039L-16	Yawgoo Mill Pond	837
RI0008039L-19	Glen Rock Reservoir	839
RI0008039L-20	James Pond	841
RI0008039L-21	The Reservoir	843
RI0008039L-22	Maple Lake	845
RI0008039R-01	Alewife Brook	847
RI0008039R-02A	Ashaway River	849
RI0008039R-02B	Ashaway River	851
RI0008039R-03	Beaver River	853
RI0008039R-04	Cedar Swamp Brook	855
RI0008039R-05A	Chickasheen Brook	857

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0008039R-05B	Chickasheen Brook	859
RI0008039R-06A	Chipuxet River	861
RI0008039R-06B	Chipuxet River	863
RI0008039R-06C	Chipuxet River	865
RI0008039R-07	Fisherville Brook	867
RI0008039R-08	Genessee Brook	869
RI0008039R-09	Glen Rock Brook	871
RI0008039R-10	Locke Brook	873
RI0008039R-11	Mastuxet Brook	875
RI0008039R-12	McGowan Brook	877
RI0008039R-13	Meadow Brook	879
RI0008039R-14	Mile Brook	881
RI0008039R-15	Mink Brook	883
RI0008039R-17	Pasquiset Brook	885
RI0008039R-18A	Pawcatuck River	887
RI0008039R-18B	Pawcatuck River	889
RI0008039R-18C	Pawcatuck River	891
RI0008039R-18D	Pawcatuck River	893
RI0008039R-18E	Pawcatuck River	895
RI0008039R-19	Perry Healy Brook	897
RI0008039R-20	Poquiant Brook	899
RI0008039R-21A	Queens River	901
RI0008039R-21B	Queens River	903
RI0008039R-21C	Queens River	905
RI0008039R-22	Sodom Brook	907
RI0008039R-23	Taney Brook	909
RI0008039R-24	Tomaquag Brook	911
RI0008039R-25	Usquepaug River	913
RI0008039R-26	White Brook	915
RI0008039R-27A	White Horn Brook	917
RI0008039R-27B	White Horn Brook	919
RI0008039R-29	Pendock River	921
RI0008039R-30	Dutemple Brook	923
RI0008039R-31A	Queens Fort Brook	925
RI0008039R-31B	Queens Fort Brook	927
RI0008039R-32	Rake Factory Brook	929
RI0008039R-33	Reuben Brown Brook	931
RI0008039R-34	Sherman Brook	933
RI0008039R-35	Aguntaug Brook	935
RI0008039R-37	Parmenter Brook	937
RI0008039R-38	Wine Brook	939
RI0008040	*Wood River & Tribs*	941
RI0008040L-01	Alton Pond	941
RI0008040L-02	Carolina Trout Pond	943
RI0008040L-03	Blue Pond	945

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0008040L-04	Ashville Pond	947
RI0008040L-05	Ell Pond	949
RI0008040L-06	Wincheck Pond	951
RI0008040L-07	Yawgoog Pond	953
RI0008040L-08	Grassy Pond	955
RI0008040L-09	Moscow Pond	957
RI0008040L-10	Locustville Pond	959
RI0008040L-11	Wyoming Pond	961
RI0008040L-12	Deep Pond (Exeter)	963
RI0008040L-13	Browning Mill Pond (Arcadia Pond)	965
RI0008040L-14	Boone Lake	967
RI0008040L-15	Breakheart Pond	969
RI0008040L-16	Eisenhower Lake	971
RI0008040L-17	Tippencansett Pond	973
RI0008040L-18	Wickaboxet Pond	975
RI0008040L-19	Tillinghast Pond	977
RI0008040L-20	Long Pond (Hopkinton)	979
RI0008040L-21	Hazard Pond	981
RI0008040R-01	Acid Factory Brook	983
RI0008040R-02	Breakheart Brook	985
RI0008040R-03A	Brushy Brook	987
RI0008040R-03B	Brushy Brook	989
RI0008040R-03C	Brushy Brook	991
RI0008040R-04A	Canonchet Brook	993
RI0008040R-04B	Canonchet Brook	995
RI0008040R-05	Coney Brook	997
RI0008040R-06	Diamond Brook	999
RI0008040R-07	Falls River	1001
RI0008040R-08	Flat River	1003
RI0008040R-09	Grassy Brook	1005
RI0008040R-10	Kelley Brook	1007
RI0008040R-11	Log House Brook	1009
RI0008040R-12	Moscow Brook	1011
RI0008040R-13	Parris Brook	1013
RI0008040R-14	Phillips Brook	1015
RI0008040R-15	Roaring Brook	1017
RI0008040R-16A	Wood River	1019
RI0008040R-16B	Wood River	1021
RI0008040R-16C	Wood River	1023
RI0008040R-16D	Wood River	1025
RI0008040R-17	Woody Hill Brook	1027
RI0008040R-18	Baker Brook	1029
RI0008040R-19	Factory Brook	1031

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0009	**Westport River Basin**	1033
RI0009041	*Adamsville Brook & Tribs*	1033
RI0009041R-01	Adamsville Brook	1033
RI0010	**Coastal Waters**	1035
RI0010031	*Sakonnet River*	1035
RI0010031E-01A	Sakonnet River	1035
RI0010031E-01B	Sakonnet River	1037
RI0010031E-01C	Sakonnet River	1039
RI0010031E-01D	Sakonnet River	1041
RI0010031E-02A	Nannaquaket Pond	1043
RI0010031E-02B	Nannaquaket Pond	1045
RI0010031E-02C	Nannaquaket Pond	1047
RI0010031E-03A	The Cove, Island Park	1049
RI0010031E-03B	The Cove, Island Park	1051
RI0010031R-01	Borden Brook	1053
RI0010031R-02	Little Creek	1055
RI0010031R-03	Pachet Brook	1057
RI0010031R-04	Quaker Creek	1059
RI0010031R-05A	Sin & Flesh Brook	1061
RI0010031R-05B	Sin & Flesh Brook	1063
RI0010031R-06	White Wine Brook	1065
RI0010042	*Coastal Shoreline*	1067
RI0010042C-01	Coastal Shoreline	1067
RI0010042E-01A	Coastal Waters - Tucker's Dock	1069
RI0010042E-01B	Coastal Waters - Tucker's Dock	1071
RI0010042E-01C	Coastal Waters - Tucker's Dock	1073
RI0010042E-02A	Coastal Waters - Scarborough	1075
RI0010042E-02B	Coastal Waters - Scarborough	1077
RI0010042E-02C	Coastal Waters - Scarborough	1079
RI0010042L-01	Lake Conochet/Little Neck Pond	1081
RI0010042R-01	Deadman Brook	1083
RI0010043	*Southwest Coastal Ponds*	1085
RI0010043E-01	Cards Pond	1085
RI0010043E-02	Greenhill Pond	1087
RI0010043E-03	Maschaug Pond	1089
RI0010043E-04A	Ninigret Pond	1091
RI0010043E-04B	Ninigret Pond	1093
RI0010043E-05	Potter Pond	1095
RI0010043E-06A	Point Judith Pond	1097
RI0010043E-06B	Point Judith Pond	1099
RI0010043E-06C	Point Judith Pond	1101
RI0010043E-06D	Point Judith Pond	1103
RI0010043E-06E	Point Judith Pond	1105
RI0010043E-06F	Point Judith Pond	1107
RI0010043E-06G	Point Judith Pond	1109

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0010043E-06H	Point Judith Pond	1111
RI0010043E-06I	Point Judith Pond	1113
RI0010043E-06J	Point Judith Pond	1115
RI0010043E-06K	Point Judith Pond	1117
RI0010043E-07	Quonochontaug Pond	1119
RI0010043E-08	Trustom Pond	1121
RI0010043E-09	Winnapaug Pond	1123
RI0010043L-01	Hothouse Pond	1125
RI0010043L-02	Cedar Swamp Pond (South Kingstown)	1127
RI0010043L-03	Factory Pond	1129
RI0010043L-04	Cross Mills Pond	1131
RI0010043L-05	White Pond	1133
RI0010043L-06	Wash Pond	1135
RI0010043L-07	Long Pond	1137
RI0010043L-08	Deep Pond (Charlestown)	1139
RI0010043L-09	Schoolhouse Pond	1141
RI0010043R-01	Cross Mills Stream	1143
RI0010043R-02	Factory Pond Stream	1145
RI0010043R-03	Mill Pond to Card Pond	1147
RI0010043R-04	Teal Pond Stream	1149
RI0010043R-05	Quonochontaug Brook	1151
RI0010043R-06	Browns Brook	1153
RI0010043R-07	Smelt Brook	1155
RI0010044	*Tribs to Pettaquamscutt River*	1157
RI0010044E-01A	Pettaquamscutt River	1157
RI0010044E-01B	Pettaquamscutt River	1159
RI0010044L-02	Silver Spring Lake	1161
RI0010044L-03	Carr Pond (N. Kingstown)	1163
RI0010044R-01	Gilbert Stuart Stream	1165
RI0010044R-02	Mattatuxet River	1167
RI0010044R-03	Crooked Brook	1169
RI0010045	*Saugatucket River & Tribs*	1171
RI0010045L-01	Saugatucket Pond	1171
RI0010045L-02	Asa Pond	1173
RI0010045L-03	Peace Dale Reservoir	1175
RI0010045L-04	Indian Lake	1177
RI0010045L-05	Silver Lake	1179
RI0010045R-01	Fresh Meadow Brook	1181
RI0010045R-02	Indian Run Brook	1183
RI0010045R-03A	Mitchell Brook	1185
RI0010045R-03B	Mitchell Brook	1187
RI0010045R-04	Rocky Brook	1189
RI0010045R-05A	Saugatucket River	1191

Waterbody ID Number	Basin, Subbasin and Waterbody Name	Page Number
RI0010045R-05B	Saugatucket River	1193
RI0010045R-05C	Saugatucket River	1195
RI0010046	*Block Island Waters*	1197
RI0010046E-01A	Great Salt Pond	1197
RI0010046E-01B	Great Salt Pond	1199
RI0010046E-02A	Block Island Waters	1201
RI0010046E-02B	Block Island Waters	1203
RI0010046E-02C	Block Island Waters	1205
RI0010046E-02D	Block Island Waters	1207
RI0010046L-01	Sands Pond	1209
RI0010046L-02	Fresh Pond	1211
RI0010046L-03	Sachem Pond	1213
RI0010046L-04	Middle Pond	1215
RI0010047	*Coastal Aquidneck*	1217
RI0010047L-01	Almy Pond	1217
RI0010047L-02	Lily Pond	1219
RI0010048	*Southeast Coastal Ponds*	1221
RI0010048E-01	Briggs Marsh Pond	1221
RI0010048E-02	Quicksand Pond	1223
RI0010048L-01	Long Pond (Little Compton)	1225
RI0010048L-02	Round Pond (Little Compton)	1227
RI0010048L-03	Simmons Pond	1229
RI0010048L-04	Tunipus Pond	1231
RI0010048R-01	Cold Brook	1233
RI0010048R-02A	Dundery Brook	1235
RI0010048R-02B	Dundery Brook	1237
RI0010048R-02C	Dundery Brook	1239
RI0010048R-03	Brook East of Cold Brook	1241
RI0010048R-04	Sisson Brook	1243

Section II – Water Quality Monitoring Projects

The following surface water quality monitoring projects/programs were used in the process of determining attainment of water quality and use support status for the 2002 cycle. The individual two-page assessment summaries contain an Assessment Comment field which refers to the monitoring project/programs from which the data was used to evaluate each waterbody. The summaries below contain a brief description of the monitoring projects. More information on some of the projects can be found in the 2002 305(b) Report or by contacting the Office of Water Resources.

1. RIDOH Bathing Beach Program

The Rhode Island Department of Health (HEALTH) oversees Rhode Island's Beach Monitoring Program. HEALTH evaluates water quality conditions for swimming at 117 licensed beaches. HEALTH has the authority to close licensed beaches and post swimming advisories when there is a violation of Rhode Island's water quality standards for swimming use (fecal coliform criteria).

2. RIDOH Drinking Water Quality Program

The Rhode Island Department of Health, Office of Drinking Water Quality is delegated to administer the EPA's Safe Drinking Water Act. The Office of Drinking Water Quality evaluates approximately 500 public water systems, which include surface and groundwater supplies. This Office monitors both ambient drinking water supply waters, at the terminal reservoir of the system, and the distribution system. Use support determinations are based on violations of drinking water MCLs (maximum contaminant levels) in addition to treatment and taste and odor problems.

3. Shellfish Growing Area Monitoring Program

The Shellfish Growing Area Monitoring Program is part of the State of Rhode Island's agreement with the United States Food and Drug Administration's National Shellfish Sanitation Program (NSSP). The purpose of this program is to maintain national health standards by regulating the interstate shellfish industry. The NSSP is designed to oversee the management programs in shellfish producing states and to enforce and maintain an industry standard. As part of this agreement, the State of Rhode Island is required to conduct continuous bacteriological monitoring of the shellfish harboring waters of the state, in order to maintain certification of these waters for shellfish harvesting for direct human consumption. Rhode Island collects water samples from 17 separate shellfish growing areas. These growing areas encompass all of Narragansett Bay and its shellfish harboring tributaries, all the south shore coastal salt ponds, Little Narragansett Bay, Block Island, and the Off Shore area. Each of the 17 growing areas incorporate anywhere from nine to 39 fixed sampling stations.

4. USGS Gaging Station Monitoring Program

The RIDEM/OWR contracts the United States Geological Survey (USGS) to conduct water chemistry sampling and analyses at 5 gaging stations in Rhode Island which are on 4 different rivers. The USGS also monitors 2 gaging stations located in Massachusetts on two rivers just before they cross the state border into Rhode Island. The parameters analyzed for under this program include conventional parameters (eg., dissolved oxygen, pH), nutrients and dissolved metals. Most of this data is collected on a quarterly basis but some parameters are collected on an annual or semi-annual basis.

5. Chemical Baseline Monitoring Project

The RIDEM/OWR contracts the University of Rhode Island's Civil and Environmental Engineering Department to conduct quarterly monitoring on 25 stations around the state. This monitoring program has been conducted consistently since 1998 and approximately every other year from 1992 – 1998. The parameters analyzed for under this program include conventional parameters (eg., dissolved oxygen, pH, fecal coliform), nutrients and dissolved metals.

6. Biological Monitoring of Wadeable Streams (RBP Project)

Evaluation of the macroinvertebrate community in Rhode Island's rivers and streams is conducted by following EPA's Rapid Bioassessment Protocol (RBP). The RBP sampling of RI's wadeable (shallow) streams and rivers has been conducted at over 40 sites around the state since 1992. The RBP protocol involves an integrated assessment, comparing habitat and biological measures against defined reference site conditions. Twenty-three of these sites are also monitored for water chemistry under the Chemical Baseline Program. At these sites, minor exceedances of chemical criteria may be out-weighted by biosurvey results which demonstrate support of the aquatic life use.

7. Artificial Substrate Project

The RIDEM/OWR has conducted instream macroinvertebrate sampling of 5 deep rivers using artificial substrate sampling for over 25 years. The stations are located at or near the 5 USGS gaging stations. Macroinvertebrates collected on the artificial substrates are classified according to their tolerance of pollution.

8. Restoration/TMDL Projects

The 305(b) process determines which waterbodies are not meeting water quality standards. These polluted waters are then included on the state's 303(d) List of Impaired Waters. Once identified as impaired, the state is required to develop a Total Maximum Daily Load (TMDL), or water restoration plan, for each waterbody for each pollutant causing the impairment. The water quality restoration plan, or TMDL, specifies the nonpoint and point source pollution controls necessary for the polluted waters to meet water quality standards and thus restore designated uses of the waterbody.

To date, seven water quality restoration plans have been approved by the USEPA, DEM has completed another six in draft form, and has begun work on plans for another 27 waterbodies. Each plan takes up to two years of field work and analysis, during which DEM begins a public participation process to identify pollution sources and develop pollution control strategies.

9. Random Sampling Design Monitoring Project

RIDEM, in coordination with EPA, conducted a sampling program during the summer of 2000 which randomly selected 50 statewide river sampling sites. Forty-eight sites were ultimately sampled once during the project for water chemistry (conventionals, nutrients and dissolved metals), macroinvertebrates and fish population. The concept behind this probability-based monitoring design is that because stations are chosen in a random fashion, the results of the data collected can be applied to the entire population of rivers included in the project. This allows for a statistical evaluation of the water quality in all the rivers without having to sample each river. Only the water chemistry data was available for use during the 2002 assessment cycle. Therefore, a statistical evaluation of water quality in all the rivers was not conducted at this time.

10. Narragansett Bay Dissolved Oxygen Surveys

The Narragansett Bay Estuary Program (NBEP) & Narragansett Bay National Estuarine Research Reserve organized a voluntary effort during the summers of 1999, 2000, and 2001 to measure overnight decreases in dissolved oxygen across the entire upper half of Narragansett Bay using multi-agency boat teams to cover large areas of the Bay simultaneously. These multi-state/multi-institution dissolved oxygen surveys included volunteers from the USEPA Boston, the EPA Atlantic Ecology Division Lab, EPA Lexington Lab, the Narragansett Bay Commission, RIDEM Narragansett Bay Estuary Program & NBNERR, Roger Williams University, Brown University, U.S. Fish & Wildlife, URI, Save The Bay, YSI, Inc., MACZM and others. The continued implementation of this effort is dependent on the availability of various agency boats, funding needs and staff resources.

The goal of the NBEP surveys is to begin first steps towards mapping a sporadic hypoxic zone that is thought to be developing at least once every two years in the upper Bay under specific meteorological conditions. The final goal is to provide data useful to the State in the preliminary ongoing TMDL for excess nutrients, especially nitrogen, to the Providence /Seekonk Rivers.

11. URI Watershed Watch Program

The RIDEM has a contract with URI's Watershed Watch Program to supplement their lake water quality monitoring program. The URI Watershed Watch Program works with local governments, watershed, tribal and other organizations to assess water quality by recruiting and training volunteers to become citizen scientists. Volunteers collect water quality data from lakes, in addition to streams tributary to lakes, to assist in evaluating inputs of pollutants. The Watershed Watch Program currently monitors approximately 100 lakes statewide, 8 river sites and 15 estuarine areas. The water quality data collected is generally trophic status information: chlorophyll *a*, secchi depth, and

total phosphorus. They also collect alkalinity, pH, and bacteria data, and on the deep lakes they collect dissolved oxygen data. This monitoring program is the only source of lake water quality data available to the state.

12. USGS Stream and Lake Monitoring Project 1988-1989

During 1988 and 1989, the RIDEM developed a limited, supplemental monitoring program to assess water quality in rivers and lakes around the state. The USGS was contracted by RIDEM to conduct this two year monitoring program. In 1988, 19 river stations were sampled twice: once at low flow period (approximately September or October) and once at high flow period (approximately April). Nineteen (19) pond stations were examined twice during the year: once during the summer bloom period (approximately July/August), and once during the fall turnover period (approximately October). The following year in 1989, 11 new river stations and 16 new lake/pond stations were sampled twice. In general, the rivers and lakes were monitored for conventional parameters (eg., DO, pH, temperature, fecal coliform), nutrients and dissolved metals.

13. 1991 Southern Rhode Island Lake Water Quality Assessment Project

To expand lake water quality monitoring to include the southern portion of the state, the RIDEM contracted the Water Resources Center at the University of Rhode Island. Thirty-four publicly owned lakes in RI were selected for monitoring in this project during 1989 and 1990 field seasons. The specific objectives of the project were to identify all significant publicly owned lakes of substantial interest and use in southern RI, determine water quality in terms of nutrients and metal concentrations, classify the lakes according to their trophic condition, and ascertain their impairment or threatened status, and discuss possible lake management and/or restoration methods where appropriate.

14. Other Agency/Organization Data

RIDEM/OWR requests and utilizes water quality data collected by other agencies and volunteer monitoring programs. For the 2002 assessment cycle, the following groups submitted data to OWR for use in the assessments.

Agency Data: Narragansett Bay Commission, Providence Water Supply Board, Pawtucket Water Supply Board
Volunteer Data: Save The Bay, Narrow River Preservation Association, Wood Pawcatuck Watershed Association, Salt Pond Watchers

15. RIDOH Fish Tissue Sampling

The Rhode Island Department of Health (HEALTH) does not support a routine surveillance program for fish tissue. In the spring of 1997, HEALTH initiated a small monitoring program to measure mercury levels in fish. This monitoring continued in 1999 and 2000. Only a small number of waterbodies and fish, however, have been tested for contaminants. Based on these test results, in April 2002, HEALTH issued a fish consumption advisory against eating any fish in 4 ponds and 1 river in the state.

16. Hardig Brook Study (Greenwich Bay Initiative; Water Quality Evaluation of Hardig Brook, January 1997)

To investigate potential sources of fecal contamination into Apponaug Cove, RIDEM contracted the Department of Civil and Environmental Engineering at the University of Rhode Island. Results from a previous study, conducted in 1993 by the Food and Drug Administration and RIDEM, identified Hardig Brook to be the major source of fecal contamination into Narragansett Bay. This conclusion prompted a more in-depth study of Hardig Brook. The Hardig Brook Study, conducted between 1994 - 1995 involved a comprehensive look at the Hardig Brook watershed under dry and wet weather conditions, to pinpoint major sources of contamination which were degrading the water quality. Two dry and three wet weather preliminary surveys were conducted. Based on findings from the preliminary dry and wet weather surveys, interim dry and wet weather surveys were conducted to fine tune the monitoring program, resulting in the identification of pollution hot spots. The dry and wet weather surveys consisted of intensive water quality sampling for fecal coliform and various chemical parameters. Grab samples were taken during the interim surveys and were analyzed for fecal coliform.

17. Hunt/Potowomut River Study (Greenwich Bay Initiative: Water Quality of the Hunt/Potowomut River, August 1999)

A study conducted in 1993 by the RIDEM and the Food and Drug Administration determined that the Hunt/Potowomut River to be the second largest contributor of fecal contamination into Greenwich Bay. To further distinguish points of pollution within the Hunt/Potowomut watershed, RIDEM contracted the Department of Civil and Environmental Engineering at the University of Rhode Island. Sampling was conducted at 21 locations, during six dry and four wet weather surveys in 1996-1997. Both fecal coliform and various chemical parameters were measured during this study.

18. River Rescue Project

The River Rescue Project was a collaborative effort between Citizens Bank, the University of Rhode Island Coastal Resource Center, and the Rhode Island Sea Grant. The program was designed to collect high quality environmental data on the urban rivers of Providence using trained citizen volunteers as field scientists. Volunteers tested the quality of the Blackstone, Moshassuck, Woonasquatucket, Pawtuxet, and the Ten Mile Rivers once a month between October 1990 and August 1995. Parameters which were measured included air and water temperature, dissolved oxygen, pH, hardness, nutrients, metals, and total suspended solids. In addition to chemical testing, River Rescue volunteers participated in shoreline surveys to document the land use conditions of the rivers watersheds.

19. ASA Pawtuxet River Study (Field Measurements of Water Quality in the Pawtuxet River, Summer 1990)

As part of a consent decree signed in 1990 between the RIDEM, the Cities of Warwick and Cranston and the Town of West Warwick, the three municipalities were required to reduce the loadings of their Waste Water Treatment Facilities (WWTFs) to the Pawtuxet River. Applied Science Associates (ASA) was contracted by the three municipalities to determine the water quality impacts of the effluent treatment upgrade scenarios which were being considered. The field study conducted by ASA during the summer of 1990 consisted of an instream sampling program at 10 mainstream river stations, 3 upstream stations, 6 tributary stations, and 3 waste water treatment facilities. Temperature, dissolved oxygen, and pH were measured and water samples were analyzed for dissolved and particulate metals, nutrients, and conventional parameters.

20. Saugatucket River Study (Saugatucket River Water Quality Investigations: Water Quality Data Report, February 1999)

In 1995 the RIDEM contracted the University of Rhode Islands Department of Civil and Environmental Engineering to conduct a comprehensive field investigation of the water quality of the Saugatucket River including an assessment of the point and non-point source loadings to the river. The primary objective of this study was to determine the approximate location of key areas of concern under these conditions, and to calibrate and validate a dissolved oxygen model to the river. Six locations within the Saugatucket River main stem, and four tributaries were selected as sampling stations. Water quality parameters measured in the field included dissolved oxygen, temperature and conductivity. Samples were analyzed for fecal coliform, pH, 5-day BOD, chlorophyll a, suspended solids, nutrients and metals.

Section III – Assessment Methodology

The Assessment Methodology describes how water quality data is interpreted relative to the water quality standards, to determine an assessment of water quality and designated use attainment status. The state has adopted water quality standards which define the water quality goals for the state's waters by deciding what their uses will be (designated uses, eg., swimming, aquatic life, shellfishing, drinking water, etc), setting criteria necessary to protect those uses, and by developing policies to prevent degradation of water quality. The water quality standards also provide the regulatory basis for establishing certain treatment controls and strategies. Within Rhode Island's Water Quality Regulations are numeric water quality criteria which represent parameter-specific thresholds for acceptable levels of substances in waters of the state. For other parameters, the standard is more descriptive (narrative) in nature (e.g. "no toxics in toxic amounts"). The ambient data collected by the various monitoring projects described in Section II, are compared to the water quality criteria and designated uses for each waterbody. The data are also evaluated for quality based upon Quality Assurance/Quality Control protocol followed, detection limits, frequency of sampling, etc. All of this data and information is then used to arrive upon a water quality assessment and determination of water quality use support status for each waterbody. A more detailed description of the Assessment Methodology can be found in Chapter III.C. of the 2002 305(b) Report. A general overview of the methodology is provided below.

For the 2002 305(b) Report, the following five designated uses were evaluated:

Aquatic Life - The waterbody provides suitable habitat and water quality for survival and reproduction of desirable macroinvertebrates and supports a healthy macroinvertebrate community.

Shellfishing - The waterbody supports a population of shellfish and is free from pathogens that could pose a human health risk to consumers.

Drinking Water Supply – The waterbody can supply safe drinking water with conventional treatment.

Swimming – People can swim or engage in other primary contact recreational activities in the waterbody without risk of adverse human health effects.

Fish Consumption – The waterbody supports fish free from contamination that could pose a human health risk to consumers.

The water quality standards were used to categorize waters as "Fully Supporting", "Fully Supporting but Threatened", "Partially Supporting" or "Not Supporting" the designated uses. Partially and Not Supporting use assessments are collectively considered "Impaired" water quality conditions. These levels of use support are defined in general terms in the following table:

Levels of Use Support

USE SUPPORT LEVEL	WATER QUALITY CONDITION	DEFINITION
Fully Supporting	Excellent/Good	Water quality meets designated use criteria.
Fully Supporting but Threatened	Good	Water quality supports beneficial uses now but may not in the future unless action is taken.
Partially Supporting	Fair (impaired)	Water quality fails to meet designated use criteria at times.
Not Supporting	Poor (impaired)	Water quality frequently fails to meet designated use criteria.
Not Attainable	Poor	The state has performed a use attainability study and documented that use support is not achievable due to a natural condition or human activity that cannot be reversed without imposing widespread economic and social impacts.

Section IV – Waterbody Specific Assessment Summaries

A. General Information

The two-page assessment summaries included in this Appendix, provide information on the general description of the waterbody in addition to the specific water quality assessment determinations. The first section describes the waterbody by basin, subbasin, and waterbody-specific name and identification number. The description of the waterbody or waterbody segment includes the extent of the waterbody that the assessment applies to, in addition to the town or towns in which the waterbody is located. An indication of the waterbody type this waterbody represents is noted by an "R" for river, "E" for estuarine water, "L" for lake, and "C" for coastal shoreline area. The corresponding waterbody size is measured in (M)iles for rivers, (S)quare miles for estuarine waters, (A)cres for lakes, and (M)iles for coastal shoreline waters.

The second section of the waterbody specific summary provides information on the data/information which is available for the waterbody. The assessment information tracks whether a waterbody is considered "assessed" or "not assessed". Waterbodies that are "not assessed" do not have any or enough data available to determine the use support attainment status. Assessed waters are those waterbodies for which enough information exists to determine use support attainment. The term "assessed" is further divided into "evaluated" and "monitored". Evaluated waters are, in general, those waterbodies which have water quality information or data which is over 5 years old or of limited quality or quantity. Monitored waters are, in general, those waterbodies which have water quality data collected within the past 5 years with adequate QA/QC and of adequate frequency.

The assessment information tracks whether or not a waterbody is monitored for toxics to assist in reporting on the extent of toxicant-caused water quality problems. The terms toxics encompasses an array of pollutants which include metals, organics, pesticides, PCB's and cyanide. A list of the Rhode Island water quality criteria for toxics and priority pollutants can be found in Appendix B of the RI Water Quality Regulations.

Through the 305(b) assessment process, waterbodies which are determined to be partially or not supporting any of their designated uses are considered impaired, and placed on the RI 303(d) List of Impaired Waters where they are prioritized and scheduled for restoration. The Assessment Information notes if the waterbody is on the 2002 303(d) List of Impaired Waters.

The assessment comment field summarizes the source of the data used to develop the assessments and gives a brief narrative description of the assessment determinations.

B. Use Support Summary

This section summarizes the assessment determinations for each of the designated uses for the waterbody. For each designated use, the size of the waterbody falling into each assessment category (Fully Supporting, Partially Supporting, etc.) is noted.

C. Aquatic Life Use Support for Wadeable Rivers and Streams

This section provides more detailed information for the Aquatic Life Use Support (ALUS) determination of rivers and streams. Information on the stream order(s) is provided. EPA's Rapid Bioassessment Protocol, employed to evaluate the biological community, are generally applied to wadeable rivers/streams, therefore, information as to whether or not a river is wadeable is tracked.

Data types for the ALUS determination are grouped into two categories: biological/habitat and physical/chemical. Data and information associated with these two categories are ranked by a score of 1 – 4. A value of 4 reflects the most sophisticated level of monitoring, with lower values reflecting progressively more streamlined methods for gathering assessment information. The ALUS determination of the river is indicated by the placement of the waterbody size under one of the three columns labeled "B/H Only" where the assessment was based primarily on biological/habitat data; "P/C Only" where the assessment was based primarily on physical/chemical data; or "Both B/H P/C" where the assessment involved a combination of data.

D. Lakes

This section provides more detailed information about the lake assessment determinations. In accordance with federal Clean Lakes Program reporting requirements which focus on public lakes, lake water quality information is tracked according to whether they are public or private lakes. Information on lake trophic status (oligotrophic, mesotrophic, eutrophic, hypereutrophic or dystrophic), water quality trends, and acid effects are tracked and summarized in this section.

E. Assessment Type

The assessment type briefly describes the types and sources of monitored or evaluated data that were used as the basis for the waterbody assessment.

F. Media/Pollutant Type Assessed

This section summarizes the type of data utilized in determining the use support status of the waterbody. The media/pollutant type indicates which types of pollutants (metals, organics, etc.) were monitored in various media (fish tissue, water column, sediments, etc.).

G. Causes of Impairment

The causes of impairment are those pollutants or other stressors (eg., flow and other habitat alterations, presence of exotic species) that contribute to the actual or threatened impairment of designated uses in a waterbody. Causes of impairment include chemical contaminants, physical parameters, and biological parameters. The relative magnitude of the causes, (S)light, (M)oderate, or (H)igh, reflect the severity of impairment. A relative magnitude of (T)hreatened indicates a situation of suspected problems for waterbodies not showing impairments.

H. Potential Sources of Impairment

Sources are the facilities, activities or conditions that contribute pollutants or stressors resulting in impairment of designated uses in a waterbody. In general, the actual sources of impairment are not determined until a TMDL (total maximum daily load) is conducted on a waterbody. As such, most of the sources noted are just potential sources. The relative magnitude of the source to the impairment follows the same scale described above in *G. Causes of Impairment*.

2002 Waterbody Specific Assessment Information

Blackstone River Basin

Subbasin Name: *Wallum Lake & Tribs*

Waterbody Name: **Wallum Lake**

Waterbody ID: RI0001001L-01

Waterbody Type: L

Waterbody Size: 172.7877 A

Waterbody Description:
Wallum Lake. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: URI Watershed Watch Data collected between 1992-1995, and 1999 and 2000 RI Department of Health Drinking Water Supply data were used to assess Wallum Lake. Due to the age and quantity of data, an evaluated assessment was made for both aquatic life and swimming uses. Both uses are assessed as fully supporting. Drinking Water Supply data showed that Wallum Lake is fully supporting for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	172.7877				
SWIMMABLE	172.7877				
AQUATIC LIFE SUPPORT	172.7877				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.44395 **Lake Longitude:** 42.00156

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 172.7877

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 172.7877

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Organics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Wilson Reservoir**

Waterbody ID: RI0001002L-01

Waterbody Description: Wilson Reservoir. Burrillville

Waterbody Type: L

Waterbody Size: 109.3062 A

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1996 URI Watershed Watch data and RIDEM Division of Fish and Wildlife Acidification Study data collected between 1988-1992, were used to make an evaluated assessment for Wilson Reservoir. The data collected by the Watershed Watch Program met criteria. Although the reservoir has low pH and alkalinity, the RIDEM F&W Report indicates that the reservoir supports a viable fish population. Therefore, Wilson Reservoir is assessed as fully supporting for both swimming and aquatic life uses

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	109.3062				
AQUATIC LIFE SUPPORT	109.3062				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4346 **Lake Longitude:** 41.585

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 109.3062

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 109.3062

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Fish surveys

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Echo Lake (Pascoag Reservoir)**

Waterbody ID: RI0001002L-03

Waterbody Type: L

Waterbody Size: 349.0725 A

Waterbody Description:
Echo Lake (Pascoag Reservoir). Burrillville, Glocester

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Echo Lake, also known as Pascoag Reservoir, has a maximum depth of 19 feet, and is classified as a deep waterbody. The pond supports a healthy warm water fishery. Echo Lake was part of the RIDEM Fish & Wildlife's Five year Acidification Monitoring study of low pH lakes in Rhode Island. Echo Lake has also been monitored by the URI Watershed Watch Program since 1994 with relatively stable water quality. Secchi depth, chlorophyll and total phosphorus levels have been consistently within the oligotrophic range. In 1998, there was a period of low water clarity associated with an unusual, rapid decline in bottom water DO levels. As algae levels were quite low, the reduced water clarity and decline in DO were most likely the result of increased humic acids levels caused by the extremely wet spring and early summer. The biological decomposition of these organic materials uses up oxygen. This was a natural condition, from which the reservoir recovered quickly. The 1996 RIDEM Fish & Wildlife Acidification Monitoring final report indicated that although the pH and alkalinity levels of this lake are extremely low, the lake supports a viable fishery. The most recent Watershed Watch data collected in 1999 and 2000 was used for this assessment of Echo Lake. Fecal coliform levels were extremely low during the 1999 and 2000 sampling seasons. The pond is assessed as fully supporting for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	349.0725				
AQUATIC LIFE SUPPORT	349.0725				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.42299 **Lake Longitude:** 41.55557

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 349.0725

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 349.0725

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Spring Lake (Herring Pond)**

Waterbody ID: RI0001002L-04

Waterbody Type: L

Waterbody Size: 94.8032 A

Waterbody Description:
Spring Lake (Herring Pond). Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Spring Lake, also known as Herring Pond, is located in the Blackstone watershed in the town of Burrillville. It has an approximate area of 94 acres, and an average depth of 3 meters. With a maximum depth of 6.5 meters, Spring Lake is classified as a deep water body. Spring Lake has been monitored by URI Watershed Watch (URIWW) since 1992, and it is considered a reference lake. The lake is naturally dark from tannic acid. Overall, Spring Lake is classified as a low nutrient, oligotrophic water body. 1999 and 2000 URIWW data was used to assess Spring Lake for swimming and aquatic life use. All data collected met criteria, and Spring Lake is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	94.8032				
AQUATIC LIFE SUPPORT	94.8032				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.3947 **Lake Longitude:** 41.593

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 94.8032

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 94.8032

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Sucker Pond**

Waterbody ID: RI0001002L-05

Waterbody Type: L

Waterbody Size: 53.8074 A

Waterbody Description:
Sucker Pond. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Sucker Pond, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					53.8074
AQUATIC LIFE SUPPORT					53.8074

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.409 **Lake Longitude:** 41.5617

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 53.807

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Spring Grove Pond**

Waterbody ID: RI0001002L-06

Waterbody Type: L

Waterbody Size: 22.3769 A

Waterbody Description:
Spring Grove Pond. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Spring Grove Pond is located in the Blackstone watershed in the town of Glocester. Spring Grove has an area of approximately 21 acres, and an average depth of 1.2 meters. With a maximum depth of 4.1 meters, Spring Grove Pond is classified as a shallow water body. The pond has been monitored by URI Watershed Watch (URIWW) since 1992, and has exhibited relatively stable water quality. Overall, Spring Grove Pond is classified as a mesotrophic water body. 1999 and 2000 URIWW data was used to assess Spring Grove Pond for swimming and aquatic life use. All data collected met criteria, and Spring Grove Pond is assessed as fully supporting for both uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	22.3769				
AQUATIC LIFE SUPPORT	22.3769				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3859 **Lake Longitude:** 41.5433

Trophic Status: M *O, M, E, H, D or O/M etc.* **Trend Size:** 22.3769

Trophic Trend: I *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 22.3769

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Smith & Sayles Reservoir**

Waterbody ID: RI0001002L-07

Waterbody Description: Smith & Sayles Reservoir. Glocester

Waterbody Type: L

Waterbody Size: 172.7445 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Smith & Sayles Reservoir, also known as Sand Dam Reservoir, is located in the Blackstone watershed in the town of Glocester. It has an area of approximately 175 acres, and an average depth of 1.5 meters. With a maximum depth of 3.4 meters, Smith & Sayles Reservoir is classified as a shallow waterbody. The reservoir supports a warm water fishery, and is a popular bass fishing site. Smith & Sayles Reservoir has been monitored by URI Watershed Watch (URIWW) since 1993. Overall, Smith & Sayles Reservoir is classified as an oligotrophic water body, and URIWW considers this a reference lake. 1999 and 2000 URIWW data was used to assess Smith & Sayles Reservoir for swimming and aquatic life use. All the data collected met criteria, and the reservoir is assessed as fully supporting for both uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	172.7445				
AQUATIC LIFE SUPPORT	172.7445				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.40572 **Lake Longitude:** 41.53361

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 172.7445

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 172.7445

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Tarkiln Pond**

Waterbody ID: RI0001002L-08

Waterbody Description: Tarkiln Pond. North Smithfield

Waterbody Type: L

Waterbody Size: 23 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Tarkiln Pond, which is located in North Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					23
AQUATIC LIFE SUPPORT					23

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.3545 **Lake Longitude:** 41.575

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 23

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Slatersville Reservoir**

Waterbody ID: RI0001002L-09

Waterbody Description: Slatersville Reservoir. Burrillville, North Smithfield

Waterbody Type: L

Waterbody Size: 218.8711 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Limited 2000 URI Watershed Watch data, and RIDEM TMDL sampling data were used to assess Slatersville Reservoir for swimming and aquatic life use. TMDL data showed violations of lead and copper criteria, which caused aquatic life use to be assessed as not supporting. Historical data collected during the Blackstone River Initiative showed violations of fecal coliform criteria. Because no new pathogen data has been collected since that project, Slatersville Reservoir is still assessed as not supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				218.8711	
AQUATIC LIFE SUPPORT				218.8711	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.355 **Lake Longitude:** 41.5926

Trophic Status: M *O, M, E, H, D or O/M etc.* **Trend Size:** 218.8711

Trophic Trend: S *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 218.8711

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	218.8711 A	M
Phosphorus	218.8711 A	M
NUTRIENTS	218.8711 A	M
Lead	218.8711 A	H
Copper	218.8711 A	H
METALS	218.8711 A	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Onsite Wastewater Systems (Septic Tanks)	218.8711 A	M
LAND DISPOSAL	218.8711 A	M
Highway/Road/Bridge Runoff	218.8711 A	M
URBAN RUNOFF/STORM SEWERS	218.8711 A	M

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Burlingame Reservoir**

Waterbody ID: RI0001002L-10

Waterbody Description: Burlingame Reservoir. Glocester

Waterbody Type: L

Waterbody Size: 67.2429 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Burlingame Reservoir, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					67.2429
AQUATIC LIFE SUPPORT					67.2429

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4446 **Lake Longitude:** 41.5433

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 67.243

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Keech Pond**

Waterbody ID: RI0001002L-11

Waterbody Type: L

Waterbody Size: 49.2451 A

Waterbody Description: Keech Pond. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Keech Pond is located in the Blackstone River watershed, in the town of Glocester. Keech Pond has an average depth of 1.4 meters. With a maximum depth of 4.3 meters it is classified as a shallow water body. The pond supports a healthy warm water fishery. Keech Pond has been monitored by URI Watershed Watch (URIWW) since 1992. Overall, Keech Pond is classified as an oligotrophic water body. Data collected in 1999 and 2000 by URIWW was used for this assessment. All data met criteria, and Keech Pond is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	49.2451				
AQUATIC LIFE SUPPORT	49.2451				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.41199 **Lake Longitude:** 41.52445

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 49.2451

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 49.2451

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Round Top State Pond**

Waterbody ID: RI0001002L-12

Waterbody Description: Round Top State Pond. Burrillville

Waterbody Type: L

Waterbody Size: 9.7211 A

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Round Top State Pond from data collected just downstream on Round Top Brook. The data indicated that Round Top State Pond is fully supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	9.7211				
AQUATIC LIFE SUPPORT	9.7211				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.421 **Lake Longitude:** 42.016

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 9.7211

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Nichols Pond**

Waterbody ID: RI0001002L-13

Waterbody Description: Nichols Pond. Burrillville

Waterbody Type: L

Waterbody Size: 21.0165 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Nichols Pond, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					21.0165
AQUATIC LIFE SUPPORT					21.0165

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 21.0165

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Cherry Valley Pond**

Waterbody ID: RI0001002L-14

Waterbody Description: Cherry Valley Pond. Glocester

Waterbody Type: L

Waterbody Size: 20.8166 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Cherry Valley Pond, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					20.8166
AQUATIC LIFE SUPPORT					20.8166

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 20.8166

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Round Pond**

Waterbody ID: RI0001002L-15

Waterbody Type: L

Waterbody Size: 15.2427 A

Waterbody Description:
Round Pond. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Round Pond, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					15.2427
AQUATIC LIFE SUPPORT					15.2427

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 15.2427

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Shingle Mill Pond**

Waterbody ID: RI0001002L-16

Waterbody Description: Shingle Mill Pond. Glocester

Waterbody Type: L

Waterbody Size: 12.3032 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Shingle Mill Pond, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					12.3032
AQUATIC LIFE SUPPORT					12.3032

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 12.3032

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Trout Brook Pond**

Waterbody ID: RI0001002L-17

Waterbody Description: Trout Brook Pond. North Smithfield

Waterbody Type: L

Waterbody Size: 11.8998 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Trout Brook Pond, located in North Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					11.8998
AQUATIC LIFE SUPPORT					11.8998

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 11.8998

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Branch River**

Waterbody ID: RI0001002R-01A

Waterbody Type: R

Waterbody Size: 4.7297 M

Waterbody Description:
Branch River from the confluence of the Clear River and Chepachet River at Oakland to the inlet of Slatersville Reservoir. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: 2000 Random Sampling Design Data was used to assess this portion of the Branch River. Because data collected was from a single grab sample, an evaluated assessment was made. Water chemistry data indicated that dissolved lead levels were exceeding chronic criteria. This portion of the Branch River is assessed as fully supporting aquatic life use. Since no pathogen data was collected, the river is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					4.7297
AQUATIC LIFE SUPPORT	4.7297				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		4.7297	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Branch River**

Waterbody ID: RI0001002R-01B

Waterbody Type: R

Waterbody Size: 2.7354 M

Waterbody Description:
Branch River from the outlet of the Slatersville Reservoir to the confluence with the Blackstone River. North Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 RIDEM Artificial Substrate data; 1991 Blackstone River Initiative data; and data from the USGS gaging station at Forestdale were used to assess this portion of the Branch River. Water chemistry data indicated dissolved Lead levels exceed criteria. While dry weather fecal coliform levels were satisfactory, wet weather levels violated swimming criteria. The artificial substrate data indicated a slightly impaired biological community in 1999, and a moderately impaired community in 2000. This portion of the Branch River is assessed as not supporting for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				2.7354	
AQUATIC LIFE SUPPORT				2.7354	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			2.7354

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

INTEGRATED INTENSIVE SURVEY (field work exceeds a 24hr period, multimedia)

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	2.7354 M	H
PATHOGENS	2.7354 M	H
Lead	2.7354 M	H
METALS	2.7354 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	2.7354 M	M
Highway/Road/Bridge Runoff	2.7354 M	M
URBAN RUNOFF/STORM SEWERS	2.7354 M	M

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Brandy Brook**

Waterbody ID: RI0001002R-02

Waterbody Type: R

Waterbody Size: 1.4787 M

Waterbody Description: Brandy Brook. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Brandy Brook, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.4787
AQUATIC LIFE SUPPORT					1.4787

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Chepachet River**

Waterbody ID: RI0001002R-03

Waterbody Description: Chepachet River. Glocester, Burrillville

Waterbody Type: R

Waterbody Size: 4.3054 M

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: The Chepachet River, which travels through Glocester and Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					4.3054
AQUATIC LIFE SUPPORT					4.3054

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Chocalog River**

Waterbody ID: RI0001002R-04

Waterbody Description: Chocalog River. Burrillville

Waterbody Type: R

Waterbody Size: 1.5191 M

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The data used for the assessment of the Chocalog River is extrapolated from the 1998 biological (macroinvertebrate) sampling conducted downstream on the Nipmuc River. The biological community is not impaired on the Nipmuc River and therefore, the Chocalog River is evaluated as fully supporting aquatic life use. Since there is no other data available, the Chocalog River is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.5191
AQUATIC LIFE SUPPORT	1.5191				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Clear River**

Waterbody ID: RI0001002R-05A

Waterbody Type: R

Waterbody Size: 0.7892 M

Waterbody Description:
Clear River from Wallum Lake to approximately 3/4 miles downstream. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of the Clear River, from Wallum Lake to approximately 3/4 miles downstream in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.7892
AQUATIC LIFE SUPPORT					0.7892

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Clear River**

Waterbody ID: RI0001002R-05B

Waterbody Type: R

Waterbody Size: 1.5596 M

Waterbody Description:
Clear River from a point approximately 3/4 mile downstream of Wallum Lake to a point 1/2 mile upstream of Wilson Reservoir. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of the Clear River, from a point approximately 3/4 mile downstream of Wallum Lake, to a point 1/2 mile upstream of Wilson Reservoir in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.5596
AQUATIC LIFE SUPPORT					1.5596

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Clear River**

Waterbody ID: RI0001002R-05C

Waterbody Type: R

Waterbody Size: 5.948 M

Waterbody Description:
Clear River from 1/2 mile upstream of Wilson Reservoir to 1 mile upstream of confluence with the Chepachet River (upstream of the Burrillville WWTF discharge point). Glocester, Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: This portion of the Clear River is located from 1/2 mile upstream of Wilson Reservoir to 1 mile upstream of the confluence with the Chepachet River (at the Burrillville WWTF discharge). 2000 Random Sampling Design Data was used to assess this portion of the Clear River. Because data collected was from a single grab sample taken at two stations on the river, an evaluated assessment was made for aquatic life use. Data collected indicated that this portion of the Clear River is fully supporting aquatic life use. Since no pathogen data was collected, this portion of the Clear River is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					5.948
AQUATIC LIFE SUPPORT	5.948				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,3,4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			5.948
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Clear River**

Waterbody ID: RI0001002R-05D

Waterbody Type: R

Waterbody Size: 0.8905 M

Waterbody Description:
Clear River from the Burrillville WWTF discharge point to the confluence with the Chepachet River. Glocester, Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: This segment of the Clear River is from the Burrillville WWTF discharge point to the confluence with the Chepachet River. Biological data from the 1999-2000 Rapid Bioassessment Protocol project and chemical data from the 1999 and 2000 Chemical Baseline project were used to assess this portion of the river. The biological data indicated a non-impaired physical habitat in 1999, and a slightly impaired habitat in 2000. The chemical data indicated dissolved cadmium, lead and copper violated criteria. Fecal coliform levels were meeting swimming standards. This portion of the river is assessed as partially supporting aquatic life use and fully supporting the swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.8905				
AQUATIC LIFE SUPPORT			0.8905		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			0.8905
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	0.8905 M	M
Lead	0.8905 M	M
Copper	0.8905 M	M
Cadmium	0.8905 M	M
METALS	0.8905 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.8905 M	M
URBAN RUNOFF/STORM SEWERS	0.8905 M	M
Major Municipal Point Source-dry and/or wet w	0.8905 M	M
MUNICIPAL POINT SOURCES	0.8905 M	M

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Dry Arm Brook**

Waterbody ID: RI0001002R-06

Waterbody Type: R

Waterbody Size: 1.919 M

Waterbody Description:
Dry Arm Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Dry Arm Brook, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.919
AQUATIC LIFE SUPPORT					1.919

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Mowry Paine Brook**

Waterbody ID: RI0001002R-07

Waterbody Description: Mowry Paine Brook. Glocester

Waterbody Type: R

Waterbody Size: 2.5125 M

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mowry Paine Brook, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.5125
AQUATIC LIFE SUPPORT					2.5125

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Nipmuc River**

Waterbody ID: RI0001002R-08

Waterbody Type: R

Waterbody Size: 3.3229 M

Waterbody Description: Nipmuc River. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 Rapid Bioassessment Protocol (RBP) Data and 2000 Random Sampling Design (RSD) Data were used to assess Nipmuc River for aquatic life use. RBP data showed a slightly impaired biological community in 1999, and a moderately impaired community in 2000. All other data collected met criteria, and Nipmuc River is assessed as fully supporting aquatic life use. Since no pathogen data was collected, Nipmuc River is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.3229
AQUATIC LIFE SUPPORT	3.3229				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			3.3229
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Pascoag River**

Waterbody ID: RI0001002R-09

Waterbody Type: R

Waterbody Size: 0.8476 M

Waterbody Description:
Pascoag River. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 Chemical Baseline data, and 1999 and 2000 Rapid Bioassessment Protocol data were used to assess Pascoag River. The Rapid Bioassessment data showed only a slightly impaired biological community in both 1999 and 2000. Samples collected had good species present, and no pollutant tolerant species were found. Chemical Baseline data showed elevated levels of dissolved cadmium and lead criteria. Due to the fully supporting biological community, aquatic life use is assessed as fully supporting. Fecal coliform data met the swimming criteria, and Pascoag River is assessed as fully supporting for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.8476				
AQUATIC LIFE SUPPORT	0.8476				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			0.8476
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Round Top Brook**

Waterbody ID: RI0001002R-11

Waterbody Type: R

Waterbody Size: 1.8797 M

Waterbody Description:
Round Top Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Data collected on Round Top Brook in 1999 and 2000 by the Chemical Baseline Project and RBP macroinvertebrate data collected just downstream on the Nipmuc River were used to assess Round Top Brook for swimming and aquatic life use. Pathogen data collected met criteria, and Round Top Brook is assessed as fully supporting for swimming use. Dissolved metals collected on Round Top Brook were slightly elevated however, there was a healthy biological community just downstream on the Nipmuc River. Relying on the biological data, Round Top Brook is assessed as fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.8797				
AQUATIC LIFE SUPPORT	1.8797				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			1.8797
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Saunders Brook**

Waterbody ID: RI0001002R-12

Waterbody Type: R

Waterbody Size: 3.2646 M

Waterbody Description: Saunders Brook. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Saunders Brook, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.2646
AQUATIC LIFE SUPPORT					3.2646

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Tarkiln Brook**

Waterbody ID: RI0001002R-13A

Waterbody Type: R

Waterbody Size: 3.7814 M

Waterbody Description:
Headwaters of Tarkiln Brook to Route 7 crossing, excluding the ponds. Burrillville, North Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of Tarkiln Brook, which travels through Burrillville and North Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.7814
AQUATIC LIFE SUPPORT					3.7814

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Tarkiln Brook**

Waterbody ID: RI0001002R-13B

Waterbody Type: R

Waterbody Size: 0.551 M

Waterbody Description:
Tarkiln Brook from Route 7 crossing to Slatersville Reservoir. Burrillville, North Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: An evaluated assessment was made for this portion of Tarkiln Brook, from RIDEM biological data collected as part of a site remediation project. This portion of the brook is located in the vicinity of a hazardous waste site. Some remediation work has been completed, however the post-remediation work and biological sampling has not been done. Since no new data has been collected, Tarkiln Brook is assessed as partially supporting aquatic life use. Since no pathogen data was collected, it is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.551
AQUATIC LIFE SUPPORT			0.551		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:	0.551		
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	0.551 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Hazardous Waste	0.551 M	M
LAND DISPOSAL	0.551 M	M

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Trout Brook**

Waterbody ID: RI0001002R-14

Waterbody Type: R

Waterbody Size: 0.856 M

Waterbody Description: Trout Brook. North Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Trout Brook, located in North Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.856
AQUATIC LIFE SUPPORT					0.856

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Herring Brook**

Waterbody ID: RI0001002R-15

Waterbody Type: R

Waterbody Size: 0.9278 M

Waterbody Description: Herring Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Herring Brook, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.9278
AQUATIC LIFE SUPPORT					0.9278

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Iron Mine Brook**

Waterbody ID: RI0001002R-16

Waterbody Type: R

Waterbody Size: 1.195 M

Waterbody Description:
Iron Mine Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Iron Mine Brook, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.195
AQUATIC LIFE SUPPORT					1.195

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Leland Brook**

Waterbody ID: RI0001002R-17

Waterbody Type: R

Waterbody Size: 1.2758 M

Waterbody Description: Leland Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Leland Brook, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.2758
AQUATIC LIFE SUPPORT					1.2758

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Mowry Brook**

Waterbody ID: RI0001002R-18

Waterbody Type: R

Waterbody Size: 2.5639 M

Waterbody Description:
Mowry Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mowry Brook, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.5639
AQUATIC LIFE SUPPORT					2.5639

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Peckham Brook**

Waterbody ID: RI0001002R-19

Waterbody Type: R

Waterbody Size: 1.6976 M

Waterbody Description: Peckham Brook. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Peckham Brook, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.6976
AQUATIC LIFE SUPPORT					1.6976

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Stingo Brook**

Waterbody ID: RI0001002R-20

Waterbody Type: R

Waterbody Size: 4.1461 M

Waterbody Description: Stingo Brook. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Stingo Brook, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					4.1461
AQUATIC LIFE SUPPORT					4.1461

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Tucker Brook**

Waterbody ID: RI0001002R-21

Waterbody Type: R

Waterbody Size: 2.0681 M

Waterbody Description: Tucker Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Tucker Brook, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.0681
AQUATIC LIFE SUPPORT					2.0681

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Sucker Brook**

Waterbody ID: RI0001002R-22

Waterbody Type: R

Waterbody Size: 1.9393 M

Waterbody Description:
Sucker Brook. Burrillville, Glocester

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Sucker Brook, which travels through Burrillville and Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.9393
AQUATIC LIFE SUPPORT					1.9393

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Dawley Brook**

Waterbody ID: RI0001002R-23

Waterbody Type: R

Waterbody Size: 1.0104 M

Waterbody Description:
Dawley Brook. North Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Dawley Brook, located in North Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.0104
AQUATIC LIFE SUPPORT					1.0104

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Branch River & Tribs*

Waterbody Name: **Rankin Brook**

Waterbody ID: RI0001002R-24

Waterbody Type: R

Waterbody Size: 0.662 M

Waterbody Description:
Rankin Brook. North Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Rankin Brook, located in North Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.662
AQUATIC LIFE SUPPORT					0.662

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Scott Pond**

Waterbody ID: RI0001003L-01

Waterbody Type: L

Waterbody Size: 42.1267 A

Waterbody Description: Scott Pond. Lincoln

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Scott Pond is located in the Blackstone Watershed, in the town of Lincoln. The pond has an area of approximately 34 acres. Scott Pond, which is a river impoundment, is actually two separate ponds joined by a shallow channel. One part is very deep with steep sides, the other is quite shallow. The deep portion, which has a maximum depth of 18 meters is the portion that is monitored. Scott Pond has been monitored since 1991 by the URI Watershed Watch Program. Overall, Scott Pond is classified as a eutrophic water body. The 1999 URI Watershed Watch data was used to assess Scott Pond for swimming and aquatic life use. Pathogen data collected met swimming criteria, and Scott Pond is assessed as fully supporting swimming use. Violations of dissolved oxygen levels, total phosphorus, and excess algal blooms caused Scott Pond to be assessed as partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	42.1267				
AQUATIC LIFE SUPPORT			42.1267		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.24288 **Lake Longitude:** 41.53513

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 42.1267

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 42.1267

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	42.1267 A	M
LOW DO	42.1267 A	M
Phosphorus	42.1267 A	M
NUTRIENTS	42.1267 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	42.1267 A	M
URBAN RUNOFF/STORM SEWERS	42.1267 A	M

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Valley Falls Pond**

Waterbody ID: RI0001003L-02

Waterbody Type: L

Waterbody Size: 37.9692 A

Waterbody Description:
Valley Falls Pond. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: The Blackstone River Initiative data was used for the 1998 assessment of Valley Falls Pond. That evaluated assessment listed biodiversity impairments, lead, copper, pathogen, total phosphorus, dissolved oxygen and excess algal growth as problems in the pond. RIDEM TMDL sampling for metals, nutrients and dissolved oxygen in the pond in 1998-1999 concluded that only copper was meeting criteria. In 2000 the URI Watershed Watch (URIWW) Program initiated sampling of the pond. Data collected by URIWW showed that total phosphorus and excess algal growth were still problems in the pond. Valley Falls Pond is assessed as not supporting for both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				37.9692	
AQUATIC LIFE SUPPORT				37.9692	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.24 **Lake Longitude:** 41.53

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 37.9692

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 37.9692

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	37.9692 A	H
EXCESS ALGAL GROWTH/CHL-	37.9692 A	H
PATHOGENS	37.9692 A	H
LOW DO	37.9692 A	H
Phosphorus	37.9692 A	H
NUTRIENTS	37.9692 A	H
Lead	37.9692 A	H
METALS	37.9692 A	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
HABITAT MODIFICATION (OTHER THAN HY	37.9692 A	M
Highway/Road/Bridge Runoff	37.9692 A	M
URBAN RUNOFF/STORM SEWERS	37.9692 A	M
COMBINED SEWER OVERFLOW	37.9692 A	M
Major Municipal Point Source-dry and/or wet w	37.9692 A	M
MUNICIPAL POINT SOURCES	37.9692 A	M

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Todd's Pond**

Waterbody ID: RI0001003L-03

Waterbody Type: L

Waterbody Size: 12.6826 A

Waterbody Description:
Todd's Pond. North Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Todd's Pond, located in North Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					12.6826
AQUATIC LIFE SUPPORT					12.6826

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 12.6826

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Handy Pond (Upper Rochambeau Pond)**

Waterbody ID: RI0001003L-04

Waterbody Type: L

Waterbody Size: 8.0583 A

Waterbody Description:
Handy Pond (Upper Rochambeau Pond). Lincoln

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Handy Pond, also known as Upper Rochambeau Pond, is located in Lincoln. No new data has been collected on this pond since 1997, so an evaluated assessment was made for swimming and aquatic life use. The assessment was made based on data collected in 1997 by the URI Watershed Watch. Handy Pond is assessed as fully supporting both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	8.0583				
AQUATIC LIFE SUPPORT	8.0583				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 8.0583

Trophic Trend: D **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 8.0583

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Blackstone River**

Waterbody ID: RI0001003R-01A

Waterbody Type: R

Waterbody Size: 14.9676 M

Waterbody Description:
Blackstone River from the MA-RI border to the CSO outfall located at River and Samoset Streets in Central Falls. Woonsocket, North Smithfield, Cumberland, Lincoln and Central Falls.

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
Data collected between 1998-2000 at two USGS gaging stations (Millville, MA and Manville, RI); 1999 and 2000 RIDEM Artificial Substrate macroinvertebrate data collected at Manville dam ; 1999 and 2000 Rapid Bioassessment Protocol data; 1998-2001 Narragansett Bay Commission fecal coliform data; and data collected during the 1991 Blackstone River Initiative Study were used to assess this portion of the Blackstone River. Upstream inputs from Massachusetts, in addition to the point source discharges in Rhode Island, are important sources of metals, pathogens and elevated levels of nutrients in the river. Water quality criteria for dissolved lead and copper are exceeded within the river. Elevated levels of nutrients also create dissolved oxygen sags within the river. Elevated levels of ammonia are seen downstream of the Woonsocket WWTF. Fecal coliform levels exceeded swimming standards throughout the river. The biological data showed a severely impacte biological community. The Blackstone River is assessed as not supporting both the aquatic life use as well as the swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				14.9676	
AQUATIC LIFE SUPPORT				14.9676	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,5

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 4

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			14.9676

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

INTEGRATED INTENSIVE SURVEY (field work exceeds a 24hr period, multimedia)

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	14.9676 M	H
PATHOGENS	14.9676 M	H
LOW DO	14.9676 M	H
NUTRIENTS	14.9676 M	H
AMMONIA (UNIONIZED)	14.9676 M	H
Lead	14.9676 M	H
Copper	14.9676 M	H
METALS	14.9676 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SEDIMENT RESUSPENSION	14.9676 M	H
Flow Regulation/Modification	14.9676 M	H
HYDROMODIFICATION	14.9676 M	H
Hazardous Waste	14.9676 M	H
LAND DISPOSAL	14.9676 M	H
Highway/Road/Bridge Runoff	14.9676 M	H
URBAN RUNOFF/STORM SEWERS	14.9676 M	H
Major Municipal Point Source-dry and/or wet w	14.9676 M	H
MUNICIPAL POINT SOURCES	14.9676 M	H
INDUSTRIAL POINT SOURCES	14.9676 M	H

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Blackstone River**

Waterbody ID: RI0001003R-01B

Waterbody Type: R

Waterbody Size: 1.6389 M

Waterbody Description:
Blackstone River from the CSO outfall located at River and Samoset streets in Central Falls to the Slater Mill Dam. Central Falls, Pawtucket.

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
1999 and 2000 RIDEM Artificial Substrate macroinvertebrate data collected at Manville dam; 1999 and 2000 Rapid Bioassessment Protocol data;1998-2001 Narragansett Bay Commission fecal coliform data collected at the Slater Mill Dam; and data collected during the 1991 Blackstone River Initiative Study were used to assess this portion of the Blackstone River. Upstream inputs from Massachusetts, in addition to the point source discharges in Rhode Island, are important sources of metals, pathogens, and elevated levels of nutrients in the river. Water quality criteria for dissolved lead and copper are exceeded within the river. Elevated levels of nutrients also create dissolved oxygen sags within the river. Elevated levels of ammonia are seen downstream of the Woonsocket WWTF. Fecal coliform levels exceeded swimming standards throughout the river. The biological data showed a severely impacted biological community. The Blackstone River is assessed as not supporting both the aquatic life use as well as the swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				1.6389	
AQUATIC LIFE SUPPORT				1.6389	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 5

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			1.6389

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

INTEGRATED INTENSIVE SURVEY (field work exceeds a 24hr period, multimedia)

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	1.6389 M	H
PATHOGENS	1.6389 M	H
LOW DO	1.6389 M	H
NUTRIENTS	1.6389 M	H
AMMONIA (UNIONIZED)	1.6389 M	H
Lead	1.6389 M	H
Copper	1.6389 M	H
METALS	1.6389 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SEDIMENT RESUSPENSION	1.6389 M	M
Highway/Road/Bridge Runoff	1.6389 M	M
URBAN RUNOFF/STORM SEWERS	1.6389 M	M
COMBINED SEWER OVERFLOW	1.6389 M	M
Major Municipal Point Source-dry and/or wet w	1.6389 M	M
MUNICIPAL POINT SOURCES	1.6389 M	M
Minor Industrial Point Source	1.6389 M	M
INDUSTRIAL POINT SOURCES	1.6389 M	M

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Cherry Brook**

Waterbody ID: RI0001003R-02

Waterbody Type: R

Waterbody Size: 2.776 M

Waterbody Description:
Cherry Brook. North Smithfield, Woonsocket

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Cherry Brook, which travels through North Smithfield and Woonsocket is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.776
AQUATIC LIFE SUPPORT					2.776

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Mill River**

Waterbody ID: RI0001003R-03

Waterbody Description: Mill River. Woonsocket

Waterbody Type: R

Waterbody Size: 0.9176 M

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Data from the 1991 Blackstone River Initiative Project was used to assess Mill River for swimming and aquatic life use. Mill River is assessed as fully supporting swimming use and not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.9176				
AQUATIC LIFE SUPPORT				0.9176	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:		0.9176	

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

INTEGRATED INTENSIVE SURVEY (field work exceeds a 24hr period, multimedia)

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Lead	0.9176 M	H
METALS	0.9176 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.9176 M	H
Highway/Road/Bridge Runoff	0.9176 M	H
URBAN RUNOFF/STORM SEWERS	0.9176 M	H

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Peters River**

Waterbody ID: RI0001003R-04

Waterbody Type: R

Waterbody Size: 0.7826 M

Waterbody Description: Peters River. Woonsocket

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1991 Blackstone River Initiative data was used to assess Peters River for swimming and aquatic life uses. No new data has been collected since 1991. The data showed pathogens, and dissolved cadmium and lead violated criteria. Peters River is assessed as not supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				0.7826	
AQUATIC LIFE SUPPORT				0.7826	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:		0.7826	

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

INTEGRATED INTENSIVE SURVEY (field work exceeds a 24hr period, multimedia)

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.7826 M	H
Lead	0.7826 M	H
Copper	0.7826 M	H
METALS	0.7826 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.7826 M	H
Highway/Road/Bridge Runoff	0.7826 M	H
URBAN RUNOFF/STORM SEWERS	0.7826 M	H

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Scott Brook**

Waterbody ID: RI0001003R-05

Waterbody Type: R

Waterbody Size: 2.5034 M

Waterbody Description: Scott Brook. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Scott Brook, located in Cumberland, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.5034
AQUATIC LIFE SUPPORT					2.5034

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **West Sneech Brook**

Waterbody ID: RI0001003R-06

Waterbody Description: West Sneech Brook. Cumberland

Waterbody Type: R

Waterbody Size: 2.07 M

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: West Sneech Brook, located in Cumberland, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.07
AQUATIC LIFE SUPPORT					2.07

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Blackstone River & Tribs*

Waterbody Name: **Monastery Brook**

Waterbody ID: RI0001003R-07

Waterbody Type: R

Waterbody Size: 1.7987 M

Waterbody Description: Monastery Brook. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Monastery Brook, located in Cumberland, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.7987
AQUATIC LIFE SUPPORT					1.7987

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonsocket Res #3 & all Tribs*

Waterbody Name: **Woonsocket Reservoir #3**

Waterbody ID: RI0001004L-01

Waterbody Description: Woonsocket Reservoir. North Smithfield, Smithfield

Waterbody Type: L

Waterbody Size: 251.1061 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Woonsocket Reservoir #3, located on the North Smithfield/ Smithfield line, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					251.1061
SWIMMABLE					251.1061
AQUATIC LIFE SUPPORT					251.1061

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.302 **Lake Longitude:** 41.5639

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 251.1061

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonsocket Res #3 & all Tribs*

Waterbody Name: **Woonsocket Reservoir #1**

Waterbody ID: RI0001004L-02

Waterbody Description: Woonsocket Reservoir #1. North Smithfield

Waterbody Type: L

Waterbody Size: 8.4684 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RI Department of Health (RIDOH) Drinking Water Supply data was used to assess Woonsocket Reservoir #1. Data collected by RIDOH met criteria for drinking water use. The Woonsocket Reservoir #1 is assessed as fully supporting drinking water use. Since no other data was collected, aquatic life and swimming uses are unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	8.4684				
SWIMMABLE					8.4684
AQUATIC LIFE SUPPORT					8.4684

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2923 **Lake Longitude:** 41.5831

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 8.4684

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Organics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonsocket Res #3 & all Tribs*

Waterbody Name: **Woonsocket Reservoir #2**

Waterbody ID: RI0001004L-03

Waterbody Description: Woonsocket Reservoir #2. North Smithfield

Waterbody Type: L

Waterbody Size: 2.2505 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Woonsocket Reservoir #2, located in North Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.2505
SWIMMABLE					2.2505
AQUATIC LIFE SUPPORT					2.2505

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2915 **Lake Longitude:** 41.5811

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 2.2505

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonsocket Res #3 & all Tribs*

Waterbody Name: **Laporte's Pond**

Waterbody ID: RI0001004L-04

Waterbody Type: L

Waterbody Size: 4.5617 A

Waterbody Description:
Laporte's Pond. Lincoln

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Laporte's Pond, located in Lincoln, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					4.5617
AQUATIC LIFE SUPPORT					4.5617

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2846 **Lake Longitude:** 41.5756

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonsocket Res #3 & all Tribs*

Waterbody Name: **Crookfall Brook**

Waterbody ID: RI0001004R-01

Waterbody Type: R

Waterbody Size: 4.0374 M

Waterbody Description:
Crookfall Brook. North Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design Data, and 1999 and 2000 RI Department of Health (RIDOH) Drinking Water Supply data were used to assess Crookfall Brook. Data collected by RIDOH showed Crookfall brook fully supporting drinking water use. Because data collected from the Random Sampling Design project was from a single grab sample, an evaluated assessment was made for aquatic life use. The data collected showed aquatic life was being fully supported. Crookfall Brook is assessed as fully supporting both aquatic life and drinking water use. Since no pathogen data was collected, Crookfall Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	4.0374				
SWIMMABLE					4.0374
AQUATIC LIFE SUPPORT	4.0374				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		4.0374	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonsocket Res #3 & all Tribs*

Waterbody Name: **Spring Brook**

Waterbody ID: RI0001004R-02

Waterbody Type: R

Waterbody Size: 1.6898 M

Waterbody Description:
Spring Brook. North Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Spring Brook, located in North Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.6898
SWIMMABLE					1.6898
AQUATIC LIFE SUPPORT					1.6898

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Sneech Pond & Tribs*

Waterbody Name: **Sneech Pond**

Waterbody ID: RI0001005L-01

Waterbody Type: L

Waterbody Size: 98.815 A

Waterbody Description:
Sneech Pond. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: RI Department of Health Drinking Water Supply data was used to assess Sneech Pond. Data collected met drinking water criteria, and Sneech Pond is assessed as fully supporting for drinking water use. Since no other data was collected, Sneech Pond will remain unassessed for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	98.815				
SWIMMABLE					98.815
AQUATIC LIFE SUPPORT					98.815

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2714 **Lake Longitude:** 41.5856

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 98.815

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Organics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Diamond Hill Reservoir**

Waterbody ID: RI0001006L-01

Waterbody Description: Diamond Hill Reservoir. Cumberland

Waterbody Type: L

Waterbody Size: 357.6243 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Limited dissolved oxygen, total coliform, and E. coli data collected in 2000 and 2001 by the Pawtucket Water Supply Board (PWSB) were used to assess Diamond Hill Reservoir. Diamond Hill Reservoir was assessed as fully supporting both aquatic life and swimming uses. Sampling for the drinking water assessment of this water supply system is conducted downstream in the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Diamond Hill Reservoir is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					357.6243
SWIMMABLE	357.6243				
AQUATIC LIFE SUPPORT	357.6243				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2357 **Lake Longitude:** 41.5952

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 357.6243

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Arnold Mills Reservoir (Pawtucket Reservc**

Waterbody ID: RI0001006L-02

Waterbody Description: Arnold Mills Reservoir (Pawtucket Reservoir). Cumberland

Waterbody Type: L

Waterbody Size: 251.5094 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Limited dissolved oxygen data, and Total coliform and E. coli data collected in 1999, 2000 and 2001 by the Pawtucket Water Supply Board was used to assess Arnold Mills Reservoir, also known as Pawtucket Reservoir. The data collected met criteria, and the reservoir is assessed as fully supporting both aquatic life and swimming uses. Sampling for the drinking water assessment of this water supply system is conducted downstream in the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Arnold Mills Reservoir is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					251.5094
SWIMMABLE	251.5094				
AQUATIC LIFE SUPPORT	251.5094				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2343 **Lake Longitude:** 41.598

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 251.5094

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

Non-fixed station physical/chemical monitoring, conventional pollutant only

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Happy Hollow Pond**

Waterbody ID: RI0001006L-03

Waterbody Type: L

Waterbody Size: 20.5676 A

Waterbody Description:
Happy Hollow Pond. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Limited dissolved oxygen, total coliform and E. coli data collected in 2000 and 2001 by the Pawtucket Water Supply Board (PWSB) was used to assess Happy Hollow Pond. Happy Hollow Pond is assessed as fully supporting both aquatic life and swimming uses. Sampling for the drinking water assessment of this water supply system is conducted in the terminal reservoir, which is Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Data collected showed that Happy Hollow Pond met drinking water use, and is assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	20.5676				
SWIMMABLE	20.5676				
AQUATIC LIFE SUPPORT	20.5676				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2306 **Lake Longitude:** 41.5415

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 20.5676

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Robin Hollow Pond**

Waterbody ID: RI0001006L-04

Waterbody Description: Robin Hollow Pond. Cumberland

Waterbody Type: L

Waterbody Size: 14.7205 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Limited dissolved oxygen and E. coli data collected in 2000 and 2001 by the Pawtucket Water Supply Board (PWSB), was used to assess Robin Hollow Pond. The PWSB data indicates that the Pond is fully supporting aquatic life use. The total coliform data was exceeding criteria, therefore, the pond is assessed as not supporting swimming use. Sampling for the drinking water assessment of this water supply system is conducted downstream in the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Robin Hollow Pond is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					14.7205
SWIMMABLE				14.7205	
AQUATIC LIFE SUPPORT	14.7205				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2257 **Lake Longitude:** 41.5507

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 14.7205

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	14.7205 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	14.7205 A	M

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Miscoe Lake**

Waterbody ID: RI0001006L-05

Waterbody Type: L

Waterbody Size: 40.3832 A

Waterbody Description:
Miscoe Lake. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Limited dissolved oxygen, total coliform and E. coli data collected in 1999, 2000 and 2001 by the Pawtucket Water Supply Board (PWSB), was used to assess Miscoe Lake. Miscoe Lake was assessed as fully supporting both aquatic life and swimming uses. Sampling for the drinking water assessment of this water supply system is conducted downstream in the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Miscoe Lake is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					40.3832
SWIMMABLE	40.3832				
AQUATIC LIFE SUPPORT	40.3832				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 40.3832

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Rawson Pond**

Waterbody ID: RI0001006L-06

Waterbody Type: L

Waterbody Size: 31.1756 A

Waterbody Description:
Rawson Pond. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Limited dissolved oxygen, total coliform and E. coli data collected in 1999, 2000 and 2001 by the Pawtucket Water Supply Board, was used to assess Rawson Pond. The Pond is assessed as fully supporting both aquatic life and swimming uses. Sampling for the drinking water assessment of this water supply system is conducted downstream in the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Rawson Pond is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					31.1756
SWIMMABLE	31.1756				
AQUATIC LIFE SUPPORT	31.1756				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 31.1756

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Howard Pond**

Waterbody ID: RI0001006L-07

Waterbody Type: L

Waterbody Size: 10.3597 A

Waterbody Description:
Howard Pond. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Limited dissolved oxygen, total coliform and E. coli data collected in 1999, 2000 and 2001 by the Pawtucket Water Supply Board (PWSB), was used to assess Howard Pond. Howard Pond is assessed as fully supporting both aquatic life and swimming uses. Sampling for the drinking water assessment of this water supply system is conducted downstream in the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Howard Pond is considered unassessed for drinking water use

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					10.3597
SWIMMABLE	10.3597				
AQUATIC LIFE SUPPORT	10.3597				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 10.3597

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Abbott Run Brook**

Waterbody ID: RI0001006R-01

Waterbody Type: R

Waterbody Size: 2.4883 M

Waterbody Description:
Abbott Run Brook. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
The 1999 and 2000 Chemical Baseline Data, 2000 Random Sampling Design Data, 2000 and 2001 Pawtucket Water Supply Board Data, and the 1999 and 2000 Rapid Bioassessment Data were used to assess Abbott Run Brook for swimming, aquatic life, and drinking water use. The Chemical Baseline data showed numerous exceedances of both dissolved Cadmium and Lead criteria. The biological data, which has been collected since 1992, showed a slight to moderate impaired biological community for both the north and south stations in 1999 and 2000. Abbott Run Brook is assessed as not supporting (impaired) for aquatic life use. Fecal coliform data collected as part of the Chemical Baseline monitoring indicates that the brook was fully supporting the swimming use in 1999 and 2000. Abbott Run Brook is considered unassessed for drinking water use by the Dept. of Health because sampling for drinking water use is only collected at the terminal reservoir of the wate supply system, and therefore Abbott Run Brook is not sampled.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.4883
SWIMMABLE	2.4883				
AQUATIC LIFE SUPPORT				2.4883	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			2.4883

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Community water supply chemical monitoring (ambient water)

Fixed station physical/chemical, conventional plus toxic pollutants

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	2.4883 M	M
Lead	2.4883 M	M
Cadmium	2.4883 M	M
METALS	2.4883 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	2.4883 M	M
Golf Courses	2.4883 M	M
RECREATIONAL AND TOURISM ACTIVITIES	2.4883 M	M
Flow Regulation/Modification	2.4883 M	M
HYDROMODIFICATION	2.4883 M	M
Onsite Wastewater Systems (Septic Tanks)	2.4883 M	M
LAND DISPOSAL	2.4883 M	M
Highway/Road/Bridge Runoff	2.4883 M	M
URBAN RUNOFF/STORM SEWERS	2.4883 M	M
INTENSIVE ANIMAL FEEDING OPERATIONS	2.4883 M	M
AGRICULTURE	2.4883 M	M

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Long Brook**

Waterbody ID: RI0001006R-02

Waterbody Type: R

Waterbody Size: 2.451 M

Waterbody Description:
Long Brook. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Limited dissolved oxygen, turbidity, conductivity, total coliform and E. coli data collected in 2000 and 2001 by the Pawtucket Water Supply Board (PWSB), were used to assess Long Brook. Long Brook was assessed as fully supporting aquatic life use but not supporting swimming use. Sampling for the drinking water assessment of this water supply system is conducted downstream in the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Long Brook is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.451
SWIMMABLE				2.451	
AQUATIC LIFE SUPPORT	2.451				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.451	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	2.451 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	2.451 M	M

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **East Sneech Brook**

Waterbody ID: RI0001006R-03

Waterbody Description: East Sneech Brook. Cumberland

Waterbody Type: R

Waterbody Size: 2.6613 M

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Limited dissolved oxygen, total coliform, and E. coli data collected in 2000 and 2001 by the Pawtucket Water Supply Board (PWSB) was used to assess East Sneech Brook. East Sneech Brook is assessed as fully supporting aquatic life use, and partially supporting swimming use due to elevated E. coli counts. Sampling for the drinking water assessment of this water supply system is conducted downstream in the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, East Sneech Brook is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.6613
SWIMMABLE			2.6613		
AQUATIC LIFE SUPPORT	2.6613				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.6613	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	2.6613 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	2.6613 M	M
URBAN RUNOFF/STORM SEWERS	2.6613 M	M
SOURCE UNKNOWN	2.6613 M	M
AGRICULTURE	2.6613 M	M

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Ash Swamp Brook**

Waterbody ID: RI0001006R-04

Waterbody Type: R

Waterbody Size: 1.1098 M

Waterbody Description:
Ash Swamp Brook. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Dissolved oxygen (DO) and bacteria data collected in 1999, 2000 and 2001 by the Pawtucket Water Supply Board was used to assess Ash Swamp Brook for swimming and aquatic life use. The data indicated that the DO levels were meeting criteria and therefore, the aquatic life use is assessed as fully supporting. The bacteria levels did not meet the swimming standard and therefore Ash Swamp Brook is not supporting the swimming use. Sampling for drinking water assessments are collected downstream at the terminal reservoir of this water supply, Happy Hollow Pond. As a result, Ash Swamp Brook is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.1098
SWIMMABLE				1.1098	
AQUATIC LIFE SUPPORT	1.1098				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.1098	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	1.1098 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	1.1098 M	M
Highway/Road/Bridge Runoff	1.1098 M	M
URBAN RUNOFF/STORM SEWERS	1.1098 M	M

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Indian Brook**

Waterbody ID: RI0001006R-05

Waterbody Description: Indian Brook. Cumberland

Waterbody Type: R

Waterbody Size: 0.8817 M

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Limited dissolved oxygen, total coliform and E. coli data collected in 1999, 2000 and 2001 by the Pawtucket Water Supply Board (PWSB), was used to assess Indian Brook. All data was meeting criteria, and Indian Brook is assessed as fully supporting both aquatic life and swimming uses. Sampling for the drinking water assessment of this water supply system is conducted downstream ir the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Indian Brook is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					0.8817
SWIMMABLE	0.8817				
AQUATIC LIFE SUPPORT	0.8817				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.8817	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Burnt Swamp Brook**

Waterbody ID: RI0001006R-06

Waterbody Type: R

Waterbody Size: 1.1953 M

Waterbody Description:
Burnt Swamp Brook. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Limited dissolved oxygen, total coliform and E. coli data collected in 1999, 2000 and 2001 by the Pawtucket Water Supply Board (PWSB), were used to assess Burnt Swamp Brook. A Random Sampling Design Station was also located on Burnt Swamp Brook in which a single grab sample was collected. Both pathogen and chemical data collected met criteria, and Burnt Swamp Brook is assessed as fully supporting both aquatic life and swimming use. Sampling for the drinking water assessment of this water supply system is conducted downstream in the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Burnt Swamp Brook is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.1953
SWIMMABLE	1.1953				
AQUATIC LIFE SUPPORT	1.1953				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.1953	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Metals in water column

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Catamint Brook**

Waterbody ID: RI0001006R-07

Waterbody Description: Catamint Brook. Cumberland

Waterbody Type: R

Waterbody Size: 1.9566 M

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Catamint Brook, located in Cumberland, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.9566
SWIMMABLE					1.9566
AQUATIC LIFE SUPPORT					1.9566

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Millers River**

Waterbody ID: RI0001006R-08

Waterbody Description: Millers River. Cumberland

Waterbody Type: R

Waterbody Size: 2.4819 M

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Limited dissolved oxygen, total coliform and E. coli data collected in 1999, 2000 and 2001 by the Pawtucket Water Supply Board (PWSB), was used to assess Millers River. Millers River is assessed as fully supporting both aquatic life and swimming uses. Sampling for the drinking water assessment of this water supply system is conducted downstream in the terminal reservoir, Happy Hollow Pond. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Millers River is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.4819
SWIMMABLE	2.4819				
AQUATIC LIFE SUPPORT	2.4819				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.4819	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Abbott Run Brook & Tribs*

Waterbody Name: **Sylvyns Brook**

Waterbody ID: RI0001006R-09

Waterbody Type: R

Waterbody Size: 1.9846 M

Waterbody Description: Sylvyns Brook. Cumberland

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Sylvyns Brook, located in Cumberland, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.9846
SWIMMABLE					1.9846
AQUATIC LIFE SUPPORT					1.9846

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Hawkins Pond**

Waterbody ID: RI0002007L-01

Waterbody Type: L

Waterbody Size: 24.5202 A

Waterbody Description:
Hawkins Pond. Smithfield, Johnston

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Hawkins Pond, located on the Smithfield, Johnston line, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					24.5202
AQUATIC LIFE SUPPORT					24.5202

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.325 **Lake Longitude:** 41.5145

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Georgiaville Pond**

Waterbody ID: RI0002007L-02

Waterbody Type: L

Waterbody Size: 96.9067 A

Waterbody Description: Georgiaville Pond. Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Georgiaville Pond is located in the Woonasquatucket watershed in the town of Smithfield. It has an average depth of 3.9 meters, and a maximum depth of 7.6 meters. Georgiaville Pond is classified as a deep, mesotrophic waterbody, which also supports a warm water fishery. Georgiaville Pond has naturally occurring stained/tannic waters due organically enriched outflow from wetlands. Georgiaville pond has been monitored by URI Watershed Watch (URIWW) since 1990. URIWW data collected in 1999 and 2000 was used for this assessment. Data collected indicated that Georgiaville Pond is meeting criteria for both swimming and aquatic life use. Therefore, it is assessed as fully supporting for both uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	96.9067				
AQUATIC LIFE SUPPORT	96.9067				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.30425 **Lake Longitude:** 41.53336

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 96.9067

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 96.9067

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Slack Reservoir**

Waterbody ID: RI0002007L-03

Waterbody Type: L

Waterbody Size: 133.6144 A

Waterbody Description:
Slack Reservoir. Smithfield, Johnston

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Slack's Reservoir is located in the Woonasquatucket watershed in the town of Smithfield. It has an area of approximately 133 acres, and an average depth of 2.6 meters. With a maximum depth of 4.6 meters, Slack's Reservoir is classified as a shallow water body. The reservoir also supports a warm water fishery. Monitoring on Slack's Reservoir began in 1990 by the URI Watershed Watch Program. 1999 and 2000 URI Watershed Watch data was used to assess Slack Reservoir for swimming and aquatic life use. All the data collected met criteria, and Slack's Reservoir is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	133.6144				
AQUATIC LIFE SUPPORT	133.6144				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.3311 **Lake Longitude:** 41.51299

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 133.6144

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 133.6144

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Waterman Reservoir**

Waterbody ID: RI0002007L-04

Waterbody Type: L

Waterbody Size: 251.8551 A

Waterbody Description:
Waterman Reservoir. Glocester, Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Waterman Lake is located in the Woonasquatucket watershed, on the border of Smithfield and Glocester. It has an area of 251 acres, and an average depth of 0.5 meter. With a maximum depth of 4 meters, Waterman Lake is classified as a shallow water body. The lake supports a healthy warm water fishery, with bass being a popular catch. Freshwater jellyfish have also been spotted in Waterman Reservoir during several summers. Waterman Reservoir has been monitored since 1990 by the URI Watershed Watch Program. 1999 and 2000 URI Watershed Watch data were used to assess Waterman Reservoir for swimming and aquatic life uses. All data collected met criteria, and Waterman Reservoir is assessed as fully supporting for both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	251.8551				
AQUATIC LIFE SUPPORT	251.8551				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.35239 **Lake Longitude:** 41.52531

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 251.8551

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 251.8551

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Upper Sprague Reservoir**

Waterbody ID: RI0002007L-05

Waterbody Description: Upper Sprague Reservoir. Smithfield

Waterbody Type: L

Waterbody Size: 24.4963 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Upper Sprague Reservoir, located in Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					24.4963
AQUATIC LIFE SUPPORT					24.4963

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3353 **Lake Longitude:** 41.5335

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Lower Sprague Reservoir**

Waterbody ID: RI0002007L-06

Waterbody Description: Lower Sprague Reservoir. Smithfield

Waterbody Type: L

Waterbody Size: 25.1176 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Lower Sprague Reservoir is located in the Woonasquatucket watershed, in Smithfield. It has an area of 25 acres, and a maximum depth of 3.4 meters. Lower Sprague Reservoir is classified as a shallow water body. Lower Sprague Reservoir has been monitored by URI Watershed Watch (URIWW) since 1994. Overall, the water quality in Lower Sprague Reservoir can be characterized a eutrophic. 1999 and 2000 URIWW data was used to assess Lower Sprague Reservoir for swimming and aquatic life use. Data collected showed total phosphorus violated criteria. Lower Sprague Reservoir is assessed as partially supporting aquatic life use. Pathogen data met criteria, and the reservoir is assessed as fully supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	25.1176				
AQUATIC LIFE SUPPORT			25.1176		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3256 **Lake Longitude:** 41.5315

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 25.1176

Trophic Trend: D **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 25.1176

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	25.1176 A	M
Phosphorus	25.1176 A	M
NUTRIENTS	25.1176 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	25.1176 A	M
URBAN RUNOFF/STORM SEWERS	25.1176 A	M

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Stillwater Pond**

Waterbody ID: RI0002007L-07

Waterbody Type: L

Waterbody Size: 15.0463 A

Waterbody Description:
Stillwater Pond. Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Stillwater Pond is located in the Woonasquatucket watershed in the town of Smithfield. It has an approximate area of 25 acres, and a maximum depth of 4 meters. A shallow water body, Stillwater Pond is part of a chain of lakes and reservoirs connected by the Woonasquatucket River. 1999 and 2000 URI Watershed Watch data was used to assess Stillwater Pond for swimming and aquatic life use. Data collected met criteria, and Stillwater Pond is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	15.0463				
AQUATIC LIFE SUPPORT	15.0463				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.3158 **Lake Longitude:** 41.5431

Trophic Status: M *O, M, E, H, D or O/M etc.* **Trend Size:** 15.0463

Trophic Trend: S *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 15.0463

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Woonasquatucket Reservoir (Stump Pond)**

Waterbody ID: RI0002007L-08

Waterbody Type: L

Waterbody Size: 302.8355 A

Waterbody Description:
Woonasquatucket Reservoir (Stump Pond/Stillwater Reservoir). Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Woonasquatucket Reservoir, also known as Stillwater Reservoir or Stump Pond, is located in the Woonasquatucket watershed in the town of Smithfield. It is approximately 302 acres, and has an average depth of 3.4 meters. With a maximum depth of 4.6 meters, Woonasquatucket Reservoir is classified as a shallow water body. The reservoir has been monitored since 1990 by the URI Watershed Watch Program, and is characterized as an improved mesotrophic waterbody. 1999 and 2000 URI Watershed Watch data was used to assess Woonasquatucket Reservoir for swimming and aquatic life use. Data collected met criteria, and Woonasquatucket Reservoir is assessed as fully supporting for both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	302.8355				
AQUATIC LIFE SUPPORT	302.8355				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.32427 **Lake Longitude:** 41.54215

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 302.8355

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 302.8355

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Harris Pond**

Waterbody ID: RI0002007L-09

Waterbody Description: Harris Pond. Smithfield

Waterbody Type: L

Waterbody Size: 10.0843 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Harris Pond, located in Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					10.0843
AQUATIC LIFE SUPPORT					10.0843

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 10.0843

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Mountaindale Reservoir**

Waterbody ID: RI0002007L-10

Waterbody Description: Mountaindale Reservoir. Smithfield

Waterbody Type: L

Waterbody Size: 10.4205 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mountaindale Reservoir, located in Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					10.4205
AQUATIC LIFE SUPPORT					10.4205

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 10.421

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Primrose Pond**

Waterbody ID: RI0002007L-11

Waterbody Type: L

Waterbody Size: 10.3773 A

Waterbody Description:
Primrose Pond. North Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Primrose Pond, located in North Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					10.3773
AQUATIC LIFE SUPPORT					10.3773

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Assapumpset Brook**

Waterbody ID: RI0002007R-01

Waterbody Type: R

Waterbody Size: 2.7798 M

Waterbody Description: Assapumpset Brook. Johnston

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Assapumpset Brook, located in Johnston, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.7798
AQUATIC LIFE SUPPORT					2.7798

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Cutler Brook**

Waterbody ID: RI0002007R-02

Waterbody Type: R

Waterbody Size: 2.1568 M

Waterbody Description: Cutler Brook. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Cutler Brook, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.1568
AQUATIC LIFE SUPPORT					2.1568

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Harris Brook**

Waterbody ID: RI0002007R-03

Waterbody Type: R

Waterbody Size: 2.0182 M

Waterbody Description: Harris Brook. Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Harris Brook, located in Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.0182
AQUATIC LIFE SUPPORT					2.0182

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Hawkins Brook**

Waterbody ID: RI0002007R-04

Waterbody Type: R

Waterbody Size: 1.9647 M

Waterbody Description:
Hawkins Brook. Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design data was used to assess Hawkins Brook. Since no pathogen data was collected, Hawkins Brook is unassessed for swimming. Aquatic life use is assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.9647
AQUATIC LIFE SUPPORT	1.9647				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.9647	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Latham Brook**

Waterbody ID: RI0002007R-05

Waterbody Type: R

Waterbody Size: 1.5412 M

Waterbody Description: Latham Brook. Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 2000 Random Sampling Design data was used to assess Latham Brook for aquatic life use. Chemical data collected showed dissolved cadmium and lead violated criteria. Latham Brook is assessed as not supporting aquatic life use. Since no pathogen data was collected, Latham Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				1.5412	
AQUATIC LIFE SUPPORT				1.5412	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):**

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:	1.5412		

LAKES

Public Lake?: **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: **O, M, E, H, D or O/M etc.** **Trend Size:**

Trophic Trend: **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity:

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	1.5412 M	H
UNKNOWN TOXICITY	1.5412 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
GROUNDWATER LOADINGS	1.5412 M	H
Hazardous Waste	1.5412 M	H
LAND DISPOSAL	1.5412 M	H

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Reaper Brook**

Waterbody ID: RI0002007R-06

Waterbody Type: R

Waterbody Size: 1.7168 M

Waterbody Description:
Reaper Brook. Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Reaper Brook, located in Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.7168
AQUATIC LIFE SUPPORT					1.7168

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Shincott Brook**

Waterbody ID: RI0002007R-07

Waterbody Type: R

Waterbody Size: 2.1448 M

Waterbody Description:
Shincott Brook. Glocester, Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Shincott Brook, which travels through Glocester and Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.1448
AQUATIC LIFE SUPPORT					2.1448

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Stillwater River**

Waterbody ID: RI0002007R-09

Waterbody Type: R

Waterbody Size: 2.6633 M

Waterbody Description:
Stillwater River. Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Stillwater River, located in Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.6633
AQUATIC LIFE SUPPORT					2.6633

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Woonasquatucket River**

Waterbody ID: RI0002007R-10A

Waterbody Type: R

Waterbody Size: 3.803 M

Waterbody Description:
Woonasquatucket River headwaters to Georgiaville Pond, excluding reservoirs and ponds. North Smithfield, Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of the Woonasquatucket River, from the headwaters to Georgiaville Pond, in the towns of North Smithfield and Smithfield, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.803
AQUATIC LIFE SUPPORT					3.803

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Woonasquatucket River**

Waterbody ID: RI0002007R-10B

Waterbody Type: R

Waterbody Size: 1.728 M

Waterbody Description:
Woonasquatucket River from the Georgiaville Pond outlet to the Smithfield WWTF discharge point at Esmond Mill Drive. Smithfield

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1998 Narragansett Bay Commission (NBC) metals data and RIDEM TMDL data was used to assess this portion of the Woonasquatucket River for swimming and aquatic life use. Pathogen data collected by RIDEM showed violations during wet weather events. Metals data collected by NBC showed violations of copper, mercury, cadmium and lead. These violations caused this portion of the Woonasquatucket River to be assessed as not supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				1.728	
AQUATIC LIFE SUPPORT				1.728	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:		1.728	

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	1.728 M	H
Mercury	1.728 M	H
Lead	1.728 M	H
Copper	1.728 M	H
Cadmium	1.728 M	H
METALS	1.728 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	1.728 M	M
Hazardous Waste	1.728 M	M
LAND DISPOSAL	1.728 M	M
Highway/Road/Bridge Runoff	1.728 M	M
URBAN RUNOFF/STORM SEWERS	1.728 M	M

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Woonasquatucket River**

Waterbody ID: RI0002007R-10C

Waterbody Type: R

Waterbody Size: 4.2404 M

Waterbody Description:
Woonasquatucket River from the Smithfield WWTF discharge point at Esmond Mill Drive to the CSO outfall at Glenbridge Avenue in Providence. Smithfield, North Providence, Providence, Johnston

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
1998-2001 Narragansett Bay Commission (NBC) fecal coliform data, 1998 NBC metals data, EPA fish tissue and sediment data, and RIDEM TMDL pathogen data and 1999 DO data was used to assess this portion of the Woonasquatucket River for swimming, fish consumption, and aquatic life uses. Pathogen data showed violations of swimming criteria. Metals data collected by NBC showed violations of dissolved copper, cadmium, and lead. EPA Fish Tissue data showed PCB's, dioxin and mercury in fish tissue. Dioxins were also found in sediment samples. RIDEM DO data showed violations of DO criteria. These violations caused this portion of the Woonasquatucket River to be assessed as not supporting for swimming, fish consumption and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
FISH CONSUMPTION				4.2404	
SWIMMABLE				4.2404	
AQUATIC LIFE SUPPORT				4.2404	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			4.2404

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Fish tissue analysis

Chemical monitoring of sediments

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in fish tissue

Metals in sediments

Metals in water column

Organics in fish tissue

Organics in sediments

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	4.2404 M	H
PATHOGENS	4.2404 M	H
LOW DO	4.2404 M	H
Mercury	4.2404 M	H
Lead	4.2404 M	H
Copper	4.2404 M	H
Cadmium	4.2404 M	H
METALS	4.2404 M	H
DIOXINS	4.2404 M	H
PCBs	4.2404 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
CONTAMINATED SEDIMENTS	4.2404 M	H
Hazardous Waste	4.2404 M	H
Onsite Wastewater Systems (Septic Tanks)	4.2404 M	H
LAND DISPOSAL	4.2404 M	H
Highway/Road/Bridge Runoff	4.2404 M	H
URBAN RUNOFF/STORM SEWERS	4.2404 M	H
Major Municipal Point Source-dry and/or wet w	4.2404 M	H
MUNICIPAL POINT SOURCES	4.2404 M	H

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Woonasquatucket River**

Waterbody ID: RI0002007R-10D

Waterbody Type: R

Waterbody Size: 3.4805 M

Waterbody Description:
Woonasquatucket River from the CSO outfall at Glenbridge Avenue to the confluence with the Moshassuck River. Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
1998-2001 Narragansett Bay Commission (NBC) fecal coliform data, 1998 NBC metals data, 1999/2000 Rapid Bioassessment Protocol (RBP) data, EPA fish tissue and sediment data, and RIDEM TMDL pathogen data was used to assess this portion of the Woonasquatucket River for swimming, fish consumption, and aquatic life uses. Pathogen data collected by RIDEM and NBC showed violations of swimming criteria. Metals data collected by NBC showed violations of dissolved copper, cadmium, and lead. RBP data showed the physical habitat to be not supporting and a moderately impaired biological community was observed in both 1999 and 2000. EPA Fish Tissue data found mercury and PCB's in fish tissue samples, and dioxins in the sediments. These violations caused this portion of the Woonasquatucket River to be assessed as not supporting for swimming, fish consumption, and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
FISH CONSUMPTION				3.4805	
SWIMMABLE				3.4805	
AQUATIC LIFE SUPPORT				3.4805	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			3.4805

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fish tissue analysis

Chemical monitoring of sediments

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in fish tissue

Metals in water column

Organics in fish tissue

Organics in sediments

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	3.4805 M	H
PATHOGENS	3.4805 M	H
Mercury	3.4805 M	H
Lead	3.4805 M	H
Copper	3.4805 M	H
Cadmium	3.4805 M	H
METALS	3.4805 M	H
DIOXINS	3.4805 M	H
PCBs	3.4805 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
CONTAMINATED SEDIMENTS	3.4805 M	H
Highway/Road/Bridge Runoff	3.4805 M	H
URBAN RUNOFF/STORM SEWERS	3.4805 M	H
COMBINED SEWER OVERFLOW	3.4805 M	H
Major Municipal Point Source-dry and/or wet w	3.4805 M	H
MUNICIPAL POINT SOURCES	3.4805 M	H

Subbasin Name: *Woonasquatucket River & Tribs*

Waterbody Name: **Nine Foot Brook**

Waterbody ID: RI0002007R-11

Waterbody Type: R

Waterbody Size: 2.6684 M

Waterbody Description:
Nine Foot Brook. Smithfield, Glocester

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Biological data collected for the Glocester Smithfield Regional Landfill Superfund site was used by RIDEM staff to assess Nine Foot Brook for aquatic life use. The data collected showed that the aquatic life was impaired, and Nine Foot Brook is assessed as not supporting for aquatic life use. Since no pathogen data was collected, Nine Foot Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.6684
AQUATIC LIFE SUPPORT				2.6684	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):**

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:	2.6684		

LAKES

Public Lake?: **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: **O, M, E, H, D or O/M etc.** **Trend Size:**

Trophic Trend: **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity:

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	2.6684 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
GROUNDWATER LOADINGS	2.6684 M	H
Hazardous Waste	2.6684 M	H
Landfills	2.6684 M	H
LAND DISPOSAL	2.6684 M	H

Subbasin Name: *Moshassuck River & Tribs*

Waterbody Name: **Olney Pond**

Waterbody ID: RI0003008L-01

Waterbody Type: L

Waterbody Size: 129.0277 A

Waterbody Description:
Olney Pond. Lincoln

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1994 URI Watershed Watch data, 1989 Clean Lakes Diagnostic Study data, and 2000/2001 RIDOH Bathing Beaches data were used to assess Olney Pond for swimming and aquatic life use. All data collected met criteria for both swimming and aquatic life. Olney Pond is assessed as fully supporting for both uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	129.0277				
AQUATIC LIFE SUPPORT	129.0277				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.25593 **Lake Longitude:** 41.532

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 129.0277

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 129.0277

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moshassuck River & Tribs*

Waterbody Name: **Barney Pond**

Waterbody ID: RI0003008L-02

Waterbody Type: L

Waterbody Size: 23.8431 A

Waterbody Description:
Barney Pond. Lincoln

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: This assessment was based on URI Watershed Watch data. This urban pond, was monitored by the URI Watershed Watch Program from 1991 to 1997. Based on multiyear data the pond has fluctuated between mesotrophy and eutrophy. The high algal and total phosphorus levels characterize Barney Pond as a nutrient enriched water body. Bacteria levels indicate a fully supporting swimming use. Barney Pond is assessed as partially supporting aquatic life use due to violations of the total phosphorus criteria.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	23.8431				
AQUATIC LIFE SUPPORT			23.8431		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.25513 **Lake Longitude:** 41.53486

Trophic Status: E *O, M, E, H, D or O/M etc.* **Trend Size:** 23.8431

Trophic Trend: D *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 23.8431

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Phosphorus	23.8431 A	M
NUTRIENTS	23.8431 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	23.8431 A	M
Highway/Road/Bridge Runoff	23.8431 A	M
URBAN RUNOFF/STORM SEWERS	23.8431 A	M

Subbasin Name: *Moshassuck River & Tribs*

Waterbody Name: **Canada Pond**

Waterbody ID: RI0003008L-04

Waterbody Type: L

Waterbody Size: 17.6349 A

Waterbody Description:
Canada Pond. North Providence, Providence

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Canada Pond, located on the North Providence/ Providence border, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					17.6349
AQUATIC LIFE SUPPORT					17.6349

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moshassuck River & Tribs*

Waterbody Name: **Wenscott Reservoir (Twin Rivers)**

Waterbody ID: RI0003008L-05

Waterbody Type: L

Waterbody Size: 82.8233 A

Waterbody Description:
Wenscott Reservoir (Twin Rivers). North Providence, Smithfield, Lincoln

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 2000 URI Watershed Watch data was used to assess Wenscott Reservoir for swimming and aquatic life uses. Wenscott Reservoir is also known as Twin Rivers and Geneva Pond. Data collected met criteria, and Wenscott Reservoir is assessed as fully supporting swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	82.8233				
AQUATIC LIFE SUPPORT	82.8233				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.284 **Lake Longitude:** 41.5221

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 82.8233

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 82.8233

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moshassuck River & Tribs*

Waterbody Name: **Moshassuck River**

Waterbody ID: RI0003008R-01A

Waterbody Type: R

Waterbody Size: 5.0659 M

Waterbody Description:
Moshassuck River headwaters to the first CSO discharge point at Weeden Street Bridge. Lincoln, Central Falls

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1998-2001 Narragansett Bay Commission fecal coliform data was used to assess this portion of the Moshassuck River. The pathogen data met swimming criteria, and this portion of the Moshassuck River is assessed as fully supporting swimming use. Since no other data was collected, Moshassuck River is considered unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	5.0659				
AQUATIC LIFE SUPPORT					5.0659

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moshassuck River & Tribs*

Waterbody Name: **Moshassuck River**

Waterbody ID: RI0003008R-01B

Waterbody Type: R

Waterbody Size: 4.0979 M

Waterbody Description:
Moshassuck River from the first CSO discharge point at Weeden Street Bridge to the confluence with the Woonasquatucket River. Central Falls, Pawtucket, Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1998-2001 Narragansett Bay Commission fecal coliform data, and Summer 2000 Random Sampling Design Data were used to assess this portion of the Moshassuck River. The pathogen data did not meet swimming criteria, and that caused this portion of the Moshassuck River to be assessed as not supporting swimming use. Random Sampling Design data showed that aquatic life use is being fully supported. Moshassuck River is assessed as fully supporting for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				4.0979	
AQUATIC LIFE SUPPORT	4.0979				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,3,4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		4.0979	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Metals in water column

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	4.0979 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
COMBINED SEWER OVERFLOW	4.0979 M	H

Subbasin Name: *Moshassuck River & Tribs*

Waterbody Name: **Threadmill Brook**

Waterbody ID: RI0003008R-02

Waterbody Type: R

Waterbody Size: 0.4672 M

Waterbody Description: Threadmill Brook. Lincoln

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Threadmill Brook, located in Lincoln, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.4672
AQUATIC LIFE SUPPORT					0.4672

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moshassuck River & Tribs*

Waterbody Name: **West River**

Waterbody ID: RI0003008R-03A

Waterbody Type: R

Waterbody Size: 2.703909 M

Waterbody Description:
West River headwaters to the inlet of Wenscott Reservoir. Providence, North Providence

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of the West River, from the headwaters to the inlet of Wenscott Reservoir, which travels through the towns of Providence and North Providence, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.7039
AQUATIC LIFE SUPPORT					2.7039

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moshassuck River & Tribs*

Waterbody Name: **West River**

Waterbody ID: RI0003008R-03B

Waterbody Type: R

Waterbody Size: 2.988249 M

Waterbody Description:
West River from the outlet of Wenscott Reservoir, including Geneva and Whipple ponds, to the first CSO discharge point located south of the Branch Avenue crossing, off of Vandewater Street. North Providence, Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 - 2001 fecal coliform data collected by The Narragansett Bay Commission was used to assess this portion of the West River for swimming use. Fecal coliform data collected did not meet criteria, therefore, this portion of the river is assessed as not supporting swimming use. Since no other data was collected, this portion of the West River is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				2.988	
AQUATIC LIFE SUPPORT					2.988

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	2.988 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	2.988 M	H

Subbasin Name: *Moshassuck River & Tribs*

Waterbody Name: **West River**

Waterbody ID: RI0003008R-03C

Waterbody Type: R

Waterbody Size: 1.344748 M

Waterbody Description:
West River from the first CSO discharge point located south of the Branch Avenue crossing, off of Vandewater Street to the confluence with the Moshassuck River. Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?:

On 2002 303(d) List?: Y

Assessment Comments: 1999 - 2001 fecal coliform data collected by The Narragansett Bay Commission was used to assess this portion of the West River for swimming use. Fecal coliform data collected did not meet criteria, therefore, this portion of the river to be assessed as not supporting swimming use. Since no other data was collected, this portion of the West River is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				1.344	
AQUATIC LIFE SUPPORT					1.344

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	1.344 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
COMBINED SEWER OVERFLOW	1.344 M	H
SOURCE UNKNOWN	1.344 M	H

Subbasin Name: *Ten Mile River & Tribs*

Waterbody Name: **Turner Reservoir**

Waterbody ID: RI0004009L-01A

Waterbody Type: L

Waterbody Size: 129.6866 A

Waterbody Description:
Turner Reservoir North of Newman Avenue Dam. East Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: This portion of Turner Reservoir was originally listed as impaired for DO, total phosphorus, copper, lead and pathogens from the 1988 USGS sampling project. Metals sampling conducted as part of RIDEM's TMDL work in 1998 indicated that copper and lead were still violating criteria. Limited data collected in 2000 by URI Watershed Watch, indicate elevated nutrients and occasional fecal coliform criteria violations. A January 2001 Army Corps of Engineers (ACOE) Report on Turner Reservoir indicated violations of dissolved oxygen, nutrients, fecal coliform and metals. Turner Reservoir is assessed as not supporting for both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				129.6866	
AQUATIC LIFE SUPPORT				129.6866	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 129.6866

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 129.6866

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	129.6866 A	M
LOW DO	129.6866 A	M
Phosphorus	129.6866 A	M
NUTRIENTS	129.6866 A	M
Lead	129.6866 A	M
Copper	129.6866 A	M
METALS	129.6866 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	129.6866 A	M
Highway/Road/Bridge Runoff	129.6866 A	M
URBAN RUNOFF/STORM SEWERS	129.6866 A	M
Major Municipal Point Source-dry and/or wet w	129.6866 A	M
MUNICIPAL POINT SOURCES	129.6866 A	M

Subbasin Name: *Ten Mile River & Tribs*

Waterbody Name: **Turner Reservoir**

Waterbody ID: RI0004009L-01B

Waterbody Type: L

Waterbody Size: 85.0969 A

Waterbody Description:
Turner Reservoir South of Newman Avenue Dam. East Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: This portion of Turner Reservoir was originally listed as impaired for DO, total phosphorus, copper, lead and pathogens from the 1988 USGS sampling project. Metals sampling conducted as part of RIDEM's TMDL work in 1998 indicated that copper and lead were still violating criteria. Limited data collected in 2000 by URI Watershed Watch, indicate elevated nutrients and occasional fecal coliform criteria violations. A January 2001 Army Corps of Engineers (ACOE) Report on Turner Reservoir indicated violations of dissolved oxygen, nutrients, fecal coliform and metals. Turner Reservoir is assessed as not supporting for both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				85.0969	
AQUATIC LIFE SUPPORT				85.0969	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 85.0969

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 85.0969

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	85.0969 A	M
LOW DO	85.0969 A	M
Phosphorus	85.0969 A	M
NUTRIENTS	85.0969 A	M
Lead	85.0969 A	M
Copper	85.0969 A	M
METALS	85.0969 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	85.0969 A	M
Highway/Road/Bridge Runoff	85.0969 A	M
URBAN RUNOFF/STORM SEWERS	85.0969 A	M
Major Municipal Point Source-dry and/or wet w	85.0969 A	M
MUNICIPAL POINT SOURCES	85.0969 A	M

Subbasin Name: *Ten Mile River & Tribs*

Waterbody Name: **Slater Park Pond**

Waterbody ID: RI0004009L-02

Waterbody Type: L

Waterbody Size: 21.3574 A

Waterbody Description:
Slater Park Pond. Pawtucket

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Slater Park Pond is located in the Ten Mile watershed in the city of Pawtucket. It has an area of approximately 21 acres. Sampling of Slater Park Pond by URI Watershed Watch (URIWW) began in 1993. 1999 and 2000 URIWW data was used to assess Slater Park Pond for swimming and aquatic life use. Violations of total phosphorus and fecal coliform caused Slater Park Pond to be assessed as not supporting both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				21.3574	
AQUATIC LIFE SUPPORT				21.3574	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: H **O, M, E, H, D or O/M etc.** **Trend Size:** 21.3574

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 21.3574

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	21.3574 A	H
PATHOGENS	21.3574 A	H
Phosphorus	21.3574 A	H
NUTRIENTS	21.3574 A	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	21.3574 A	H
URBAN RUNOFF/STORM SEWERS	21.3574 A	H

Subbasin Name: *Ten Mile River & Tribs*

Waterbody Name: **Omega Pond**

Waterbody ID: RI0004009L-03

Waterbody Type: L

Waterbody Size: 33.1654 A

Waterbody Description:
Omega Pond. East Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 2000/2001 Narragansett Bay Commission data, and 2001 Pond View Recycling data were used to assess Omega Pond. Pathogen data collected met swimming criteria, and Omega Pond is assessed as fully supporting the swimming use. Dissolved lead and copper, and total phosphorus were violating criteria, which caused Omega Pond to be assessed as not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	33.1654				
AQUATIC LIFE SUPPORT				33.1654	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: U **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

Organics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Phosphorus	33.1654 A	M
NUTRIENTS	33.1654 A	M
Lead	33.1654 A	M
Copper	33.1654 A	M
METALS	33.1654 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	33.1654 A	M
ATMOSPHERIC DEPOSITION	33.1654 A	M
Highway/Road/Bridge Runoff	33.1654 A	M
URBAN RUNOFF/STORM SEWERS	33.1654 A	M

Subbasin Name: *Ten Mile River & Tribs*

Waterbody Name: **Ten Mile River**

Waterbody ID: RI0004009R-01A

Waterbody Type: R

Waterbody Size: 2.2073 M

Waterbody Description:
Ten Mile River from the MA-RI border to the inlet to Turner Reservoir North, excluding Slater Park Pond. Pawtucket

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 2000/2001 Narragansett Bay Commission data and data collected in 1997 by the Massachusetts Department of Environmental Protection Ten Mile River Study were used to assess this portion of the Ten Mile River for swimming and aquatic life use. NBC data showed levels of dissolved cadmium, copper and lead were violating criteria, which caused the river to be assessed as not supporting aquatic life use. Pathogen data was meeting swimming criteria, and the river is assessed as fully supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.2073				
AQUATIC LIFE SUPPORT				2.2073	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:		2.2073	

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Fixed station physical/chemical, conventional plus toxic pollutants

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Lead	2.2073 M	M
Copper	2.2073 M	M
Cadmium	2.2073 M	M
METALS	2.2073 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	2.2073 M	M
URBAN RUNOFF/STORM SEWERS	2.2073 M	M
Major Municipal Point Source-dry and/or wet w	2.2073 M	M
MUNICIPAL POINT SOURCES	2.2073 M	M

Subbasin Name: *Ten Mile River & Tribs*

Waterbody Name: **Ten Mile River**

Waterbody ID: RI0004009R-01B

Waterbody Type: R

Waterbody Size: 1.9941 M

Waterbody Description:
Ten Mile River downstream of Turner Reservoir South to the Omega Pond inlet. East Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 2000 Rapid Bioassessment Protocol (RBP) data, Summer 2000 Random Sampling Design data, and metals data collected by the Narragansett Bay Commission were utilized to assess this portion of the Ten Mile River for swimming and aquatic life use. RBP data indicates that the biological community is not supporting an aquatic life use. NBC data showed violations of dissolved lead and copper criteria. Both of these factors caused Ten Mile River to be assessed as not supporting aquatic life use. Pathogen data met swimming criteria, and the river is assessed as fully supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.9941				
AQUATIC LIFE SUPPORT				1.9941	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			1.9941

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	1.9941 M	M
Lead	1.9941 M	M
Copper	1.9941 M	M
METALS	1.9941 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	1.9941 M	M
URBAN RUNOFF/STORM SEWERS	1.9941 M	M
Major Municipal Point Source-dry and/or wet w	1.9941 M	M
MUNICIPAL POINT SOURCES	1.9941 M	M

Subbasin Name: *Beach Pond & Tribs*

Waterbody Name: **Beach Pond**

Waterbody ID: RI0005010L-01

Waterbody Type: L

Waterbody Size: 142.7417 A

Waterbody Description:
Beach Pond. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
This state beach area is bisected by the RI-CT state line and the RI side is bordered by the Arcadia Management area. The pond is an important trout stocking area. The pH and alkalinity levels in Beach Pond have been monitored by the RIDEM Division of Fish and Wildlife through the Acidification Monitoring Study (December 1996). The URI Watershed Watch Program monitored Beach Pond from 1995 to 1997. Characteristic of other ponds in the western part of the state, Beach Pond has low pH (average = 6) and alkalinity levels. The Fish and Wildlife study, however, revealed that the pond supports a viable fish population. The Watershed Watch data classifies Beach Pond as an oligiotrophic water body. Increased chlorophyll levels and algal growth were seen in 1996. The increased algal growth had a slight effect on the dissolved oxygen levels at depth for a short period of time. In 1997, an increase in chlorophyll and total phosphorus was also observed. Continued monitoring is needed on this pond to track changes and potential water quality problems in this oligotrophic waterbody. Fecal coliform levels met the swimming criteria. Beach Pond is assessed as fully supporting both the swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	142.7417				
AQUATIC LIFE SUPPORT	142.7417				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4719 **Lake Longitude:** 41.3438

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 142.7417

Trophic Trend: D **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 142.7407

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Fish surveys

BIOLOGICAL MONITORING

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Carbuncle Pond**

Waterbody ID: RI0005011L-01

Waterbody Type: L

Waterbody Size: 38.9237 A

Waterbody Description: Carbuncle Pond. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Carbuncle Pond was monitored in 1989 by the USGS lake monitoring project contracted by DEM; in 1991 as part of the Southern RI Lake Water Quality Assessment Study; as part of the 5 year Acidification Monitoring project conducted by RIDEM Division of Fish and Wildlife; and to varying degrees between 1994 and 1997, and 2000 by the URI Watershed Watch Program. Carbuncle Pond has a maximum depth of 24 feet and is therefore, classified as a deep waterbody. The Pond is part of the Nicholas Farm Management Area and is stocked with trout by RIDEM. The pond was classified in 1997 as a mesotrophic waterbody, bordering on oligotrophic. Monitoring by USGS in 1988 and the SRILWQA study in 1991 indicated low dissolved oxygen at a depth below 4 meters. The URI Watershed Watch data measured the DO at a depth of 7 meters and found that after the pond became stratified the DO did drop for much of the summer. It is suspected that the low DO in the deep bottom waters of this pond is natural due to its configuration and naturally dark (tannic acid) color. The Watershed Watch Program considers this pond to be a reference site. It is a highly colored pond located in a good watershed, state management area. Carbuncle Pond is assessed as fully supporting for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	38.9237				
AQUATIC LIFE SUPPORT	38.9237				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4629 **Lake Longitude:** 41.4152

Trophic Status: M *O, M, E, H, D or O/M etc.* **Trend Size:** 38.9237

Trophic Trend: U *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 38.9237

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Fish surveys

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Waterman Pond (Sisson Pond)**

Waterbody ID: RI0005011L-02

Waterbody Description: Waterman Pond (Sisson Pond). Coventry

Waterbody Type: L

Waterbody Size: 32.3436 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Waterman Pond, also known as Sisson Pond, located in Coventry is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					32.3436
AQUATIC LIFE SUPPORT					32.3436

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 32.3436

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Arnold Pond**

Waterbody ID: RI0005011L-03

Waterbody Type: L

Waterbody Size: 73.573 A

Waterbody Description:
Arnold Pond. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Arnold Pond, located in the southwestern portion of Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					73.573
AQUATIC LIFE SUPPORT					73.573

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 73.573

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Whitford Pond**

Waterbody ID: RI0005011L-04

Waterbody Type: L

Waterbody Size: 38.2954 A

Waterbody Description:
Whitford Pond. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Whitford Pond, located in Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					38.2954
AQUATIC LIFE SUPPORT					38.2954

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 38.2954

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Great Grass Pond**

Waterbody ID: RI0005011L-05

Waterbody Type: L

Waterbody Size: 50.7859 A

Waterbody Description:
Great Grass Pond. Coventry, West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Great Grass Pond, located on the Coventry, West Greenwich line, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					50.7859
AQUATIC LIFE SUPPORT					50.7859

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 50.7859

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Clark Pond**

Waterbody ID: RI0005011L-06

Waterbody Type: L

Waterbody Size: 20.3878 A

Waterbody Description:
Clark Pond. Foster

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 2000 URI Watershed Watch data was used to assess Clark Pond for swimming and aquatic life use. This was the first year Clark Pond was monitored by Watershed Watch. The pond is classified as a eutrophic shallow pond. The data collected indicated that Clark Pond is fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	20.3878				
AQUATIC LIFE SUPPORT	20.3878				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 20.3878

Trophic Trend: U **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: U **I, S, D or Unknown** **Size Assessed for Acidity:** 20.3878

Acidity Effects: U **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Briggs Pond**

Waterbody ID: RI0005011L-07

Waterbody Type: L

Waterbody Size: 10.5639 A

Waterbody Description: Briggs Pond. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Briggs Pond, located in Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					10.5639
AQUATIC LIFE SUPPORT					10.5639

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 10.5639

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Bucks Horn Brook**

Waterbody ID: RI0005011R-01

Waterbody Type: R

Waterbody Size: 4.1838 M

Waterbody Description: Bucks Horn Brook. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Data for the Bucks Horn Brook assessment comes from the 1999 and 2000 Rapid Bioassessment Protocol project, and the 1999 and 2000 Chemical Baseline project. The water chemistry showed exceedances of dissolved cadmium and lead criteria. The biological community was found to be slightly impaired in 1999 and not impaired in 2000. The slight impairment is thought to be due to the low flow in 1999. The physical habitat was excellent and the aquatic life use was determined to be fully supporting. The swimming use is also fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	4.1838				
AQUATIC LIFE SUPPORT	4.1838				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			4.1838
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Warwick Brook**

Waterbody ID: RI0005011R-02

Waterbody Type: R

Waterbody Size: 1.1803 M

Waterbody Description: Warwick Brook. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was extrapolated for Warwick Brook based on Rapid Biological Protocol and Chemical Baseline data collected downstream on a station on Bucks Horn Brook. Both biological and chemical data collected met criteria, and Warwick Brook is assessed as fully supporting both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.1803				
AQUATIC LIFE SUPPORT	1.1803				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			1.1803
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Moosup River**

Waterbody ID: RI0005011R-03

Waterbody Type: R

Waterbody Size: 10.539 M

Waterbody Description:
Moosup River. Foster, Coventry

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Moosup River is a major tributary to the Thames River, which eventually empties into Long Island Sound at New London/Groton CT. RIDEM stocks the Moosup River in Coventry with trout. URI Watershed Watch monitoring on the Moosup began in 1996. 1999/2000 Rapid Bioassessment Protocol (RBP) data, 1999/2000 URI Watershed Watch (URIWW) tributary data, and Summer 2000 Random Sampling Design data were used to assess Moosup River for swimming and aquatic life use. The RBP data showed a slightly impaired biological community in 1999, and a non impaired community in 2000. The physical habitat was fully supporting, and Moosup River is assessed as fully supporting aquatic life use. Fecal coliform data collected by URIWW met swimming criteria, and Moosup River is assessed as fully supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	10.539				
AQUATIC LIFE SUPPORT	10.539				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			10.539
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Roaring Brook**

Waterbody ID: RI0005011R-04

Waterbody Type: R

Waterbody Size: 3.7257 M

Waterbody Description:
Roaring Brook. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design data was used to assess Roaring Brook for aquatic life use. Data collected met criteria, and Roaring Brook is assessed as fully supporting aquatic life use. Roaring Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.7257
AQUATIC LIFE SUPPORT	3.7257				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.7257	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **West Meadow Brook**

Waterbody ID: RI0005011R-05

Waterbody Type: R

Waterbody Size: 3.3975 M

Waterbody Description: West Meadow Brook. Foster

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was extrapolated for West Meadow Brook based on Rapid Biological Protocol and Chemical Baseline data collected downstream on the Moosup River. Both biological and chemical data collected met criteria, and West Meadow Brook is assessed as fully supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.3975				
AQUATIC LIFE SUPPORT	3.3975				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			3.3975
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Quanduck Brook**

Waterbody ID: RI0005011R-06

Waterbody Type: R

Waterbody Size: 1.8069 M

Waterbody Description: Quanduck Brook. Foster

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Quanduck Brook, located in Foster, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.8069
AQUATIC LIFE SUPPORT					1.8069

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Moosup River & Tribs*

Waterbody Name: **Salisbury Brook**

Waterbody ID: RI0005011R-07

Waterbody Type: R

Waterbody Size: 2.4017 M

Waterbody Description: Salisbury Brook. Foster

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Salisbury Brook, located in Foster, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.4017
AQUATIC LIFE SUPPORT					2.4017

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Wakefield Pond**

Waterbody ID: RI0005047L-01

Waterbody Type: L

Waterbody Size: 75.0727 A

Waterbody Description:
Wakefield Pond. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Wakefield Pond is located in the Thames watershed in the town of Burrillville. The pond has an area of approximately 76 acres, and an average depth of 1.8 meters. It has a maximum depth of 7 meters, classifying it as a deep water body. Wakefield Pond was monitored by the URI Watershed Watch Program between 1994 - 1997. The pond has been one of the clearest, low nutrient, oligotrophic water bodies sampled by the program . An evaluated assessment was made for Wakefield Pond based on the 1997 URIWW data. Wakefield Pond is assessed as fully supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	75.0727				
AQUATIC LIFE SUPPORT	75.0727				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4729 **Lake Longitude:** 41.5749

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 75.0727

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 75.0727

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Peck Pond**

Waterbody ID: RI0005047L-02

Waterbody Type: L

Waterbody Size: 13.4146 A

Waterbody Description:
Peck Pond. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999, 2000, and 2001 RIDOH Bathing Beaches data was used to assess Peck Pond for swimming use. The data collected met swimming criteria, and Peck Pond is assessed as fully supporting the swimming use. Peck Pond is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	13.4146				
AQUATIC LIFE SUPPORT					13.4146

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4749 **Lake Longitude:** 41.5559

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 13.4146

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Bowdish Reservoir**

Waterbody ID: RI0005047L-03

Waterbody Description: Bowdish Reservoir. Glocester

Waterbody Type: L

Waterbody Size: 219.3742 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 2000 URI Watershed Watch data, 1999-2000 RIDOH Bathing Beaches data, and data from the RIDEM Division of Fish and Wildlife's Acidification Monitoring Study (December 1996) were used to assess Bowdish Reservoir for swimming and aquatic life use. Bowdish Reservoir is the site of a floating bog and is the most heavily utilized state-owned public lake in northwestern Rhode Island. The Reservoir is potentially threatened by runoff from Rt. 44 and intensive recreational use associated with a large private campground. Like many of the ponds in the western part of the state Bowdish Reservoir has low pH and alkalinity levels. The RIDEM Division of Fish and Wildlife conducted a study to determine if lakes and ponds in Rhode Island were becoming acidified over time, and, if they were, to investigate corresponding changes in fish populations. Bowdish Reservoir was included in this study where it was determined that no trend in increasing acidification or decreasing alkalinity was detected. Furthermore, the Reservoir was found to be sustaining a viable fish population. There was however, a non-native invasive aquatic plant found in the Reservoir. Due to this non-native plant Bowdish Reservoir is assessed as partially supporting for aquatic life use. The RIDOH Bathing Beach Monitoring showed no closures of the beach during the monitoring period. The Reservoir is assessed as fully supporting for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	219.37				
AQUATIC LIFE SUPPORT			219.37		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.47254 **Lake Longitude:** 41.55178

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 219.37

Trophic Trend: U **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 219.37

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Fish surveys

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXOTIC SPECIES	219.3742 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
RECREATIONAL AND TOURISM ACTIVITIES	219.3742 A	M

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Lake Washington**

Waterbody ID: RI0005047L-04

Waterbody Type: L

Waterbody Size: 40.8872 A

Waterbody Description: Lake Washington. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Lake Washington is located in the Thames River watershed, in the town of Glocester. The lake has an approximate area of 40 acres, and a maximum depth of 2 meters, classifying it as a shallow wate body. Lake Washington was initially monitored in 1988 and 1989, rejoining the URI Watershed Watch (URIWW) program in 1995. 1997 URIWW data was used to make an evaluated assessment for Lake Washington. Lake Washington is assessed as fully supporting for both swimming and aquatic life use. Overall, water quality in Lake Washington in 1997 was classified as mesotrophic, leaning towards eutrophic.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	40.8872				
AQUATIC LIFE SUPPORT	40.8872				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4527 **Lake Longitude:** 41.5457

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 40.8872

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 40.8872

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Cedar Swamp Pond**

Waterbody ID: RI0005047L-05

Waterbody Type: L

Waterbody Size: 7.7818 A

Waterbody Description:
Cedar Swamp Pond. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Cedar Swamp Pond, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
AQUATIC LIFE SUPPORT					7.7818
SWIMMABLE					7.7818

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.473 **Lake Longitude:** 41.581

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 7.7818

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Killingly Pond**

Waterbody ID: RI0005047L-07

Waterbody Type: L

Waterbody Size: 46.9491 A

Waterbody Description: Killingly Pond. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Killingly Pond, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					46.9491
AQUATIC LIFE SUPPORT					46.9491

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.4738 **Lake Longitude:** 41.5147

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 46.9491

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Clarksville Pond**

Waterbody ID: RI0005047L-08

Waterbody Type: L

Waterbody Size: 15.0255 A

Waterbody Description: Clarksville Pond. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Clarksville Pond, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					15.0255
AQUATIC LIFE SUPPORT					15.0255

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4721 **Lake Longitude:** 41.5519

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 15.0255

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Hawkins Pond**

Waterbody ID: RI0005047L-09

Waterbody Type: L

Waterbody Size: 11.2914 A

Waterbody Description: Hawkins Pond. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Hawkins Pond, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
AQUATIC LIFE SUPPORT					11.2914
SWIMMABLE					11.2914

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 11.2914

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Brown Brook**

Waterbody ID: RI0005047R-01

Waterbody Type: R

Waterbody Size: 0.2563 M

Waterbody Description: Brown Brook. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Brown Brook, located in Glocester, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.2563
AQUATIC LIFE SUPPORT					0.2563

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Keach Brook**

Waterbody ID: RI0005047R-02

Waterbody Type: R

Waterbody Size: 1.0092 M

Waterbody Description: Keach Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1999/2000 Rapid Bioassessment Protocol (RBP) data, and 1999/2000 Chemical Baseline data were used to assess Keach Brook for swimming and aquatic life use. The RBP data showed a moderately impaired biological community in 1999, and a slightly impaired community in 2000. The physical habitat was found to be fully supporting. Chemical baseline data showed dissolved cadmium and lead violated criteria. Pathogen data collected met swimming criteria. Keach Brook is assessed as fully supporting swimming use, and partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.0092				
AQUATIC LIFE SUPPORT			1.0092		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			1.0092
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	1.0092 M	M
Lead	1.0092 M	M
Cadmium	1.0092 M	M
METALS	1.0092 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	1.0092 M	M

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Mowry Meadow Brook**

Waterbody ID: RI0005047R-03

Waterbody Type: R

Waterbody Size: 2.7702 M

Waterbody Description:
Mowry Meadow Brook (Shady Oak Brook). Glocester

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design data was used to assess Mowry Meadow Brook for aquatic life use. All data collected met criteria and Mowry Meadow Brook is assessed as fully supporting aquatic life use. Since no pathogen data was collected, the swimming use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.7702
AQUATIC LIFE SUPPORT	2.7702				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.7702	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Croff Farm Brook**

Waterbody ID: RI0005047R-04

Waterbody Type: R

Waterbody Size: 1.4104 M

Waterbody Description:
Croff Farm Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Croff Farm Brook, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.4104
AQUATIC LIFE SUPPORT					1.4104

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Cold Spring Brook**

Waterbody ID: RI0005047R-05

Waterbody Type: R

Waterbody Size: 0.7635 M

Waterbody Description:
Cold Spring Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Cold Spring Brook, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.7635
AQUATIC LIFE SUPPORT					0.7635

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tribs to the Five Mile*

Waterbody Name: **Leeson Brook**

Waterbody ID: RI0005047R-06

Waterbody Type: R

Waterbody Size: 1.2443 M

Waterbody Description:
Leeson Brook. Burrillville

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Leeson Brook, located in Burrillville, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.2443
AQUATIC LIFE SUPPORT					1.2443

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Carr Pond (W. Greenwich)**

Waterbody ID: RI0006012L-01

Waterbody Description: Carr Pond. West Greenwich

Waterbody Type: L

Waterbody Size: 81.3144 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 2000 URI Watershed Watch Data was used to assess Carr Pond, which is located in West Greenwich. Carr Pond is classified as an oligotrophic water body. The data collected indicated that Carr Pond is fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	81.3144				
AQUATIC LIFE SUPPORT	81.3144				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3324 **Lake Longitude:** 41.387

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 81.3144

Trophic Trend: U **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: U **I, S, D or Unknown** **Size Assessed for Acidity:** 81.3144

Acidity Effects: U **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Tarbox Pond**

Waterbody ID: RI0006012L-02

Waterbody Type: L

Waterbody Size: 19.9019 A

Waterbody Description:
Tarbox Pond. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 URI Watershed Watch (URIWW) data was used to assess Tarbox Pond for swimming and aquatic life use. 1999 was the first year URIWW sampled Tarbox Pond. The data collected met swimming and aquatic life criteria. Tarbox Pond is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	19.9019				
AQUATIC LIFE SUPPORT	19.9019				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.348 **Lake Longitude:** 41.385

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 19.9019

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 19.9019

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Milbrook Pond**

Waterbody ID: RI0006012L-03

Waterbody Type: L

Waterbody Size: 21.6589 A

Waterbody Description:
Milbrook Pond. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Milbrook Pond which is located in Exeter. Biological data was extrapolated from a Rapid Bioassessment Station on Congdon River, and a Chemical Baseline Station on the Big River. Milbrook Pond is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	21.6589				
AQUATIC LIFE SUPPORT	21.6589				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3734 **Lake Longitude:** 41.3534

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 21.6589

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Capwell Mill Pond**

Waterbody ID: RI0006012L-04

Waterbody Type: L

Waterbody Size: 23.8756 A

Waterbody Description:
Capwell Mill Pond. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Capwell Mill Pond is a run-of-the-river impoundment on Carr River just upstream of the confluence of Carr River with Big River. 1999 and 2000 biological data from a sampling station just downstream of the pond on Carr river, in addition to chemical data collected at a station on Big River just after the confluence with Carr River, were used to assess this pond. The evaluated assessment indicates tha this pond is fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	23.8756				
AQUATIC LIFE SUPPORT	23.8756				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 23.8756

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Reynolds Pond**

Waterbody ID: RI0006012L-05

Waterbody Type: L

Waterbody Size: 41.7062 A

Waterbody Description:
Reynolds Pond to the Harkney Hill Road highway bridge. West Greenwich, Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Reynolds Pond, which is located on the West Greenwich, Coventry line, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					41.7062
AQUATIC LIFE SUPPORT					41.7062

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 41.7062

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Bear Brook**

Waterbody ID: RI0006012R-01

Waterbody Type: R

Waterbody Size: 2.3899 M

Waterbody Description:
Bear Brook. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Bear Brook, located in West Greenwich, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.3899
AQUATIC LIFE SUPPORT					2.3899

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Big River**

Waterbody ID: RI0006012R-02

Waterbody Type: R

Waterbody Size: 3.0764 M

Waterbody Description:
Big River. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Biological data from the 1999 and 2000 Rapid Bioassessment Protocol Project and chemical data from the 1999 and 2000 Chemical Baseline project were used to asses Big River. The biological data showed a slightly impaired biological community in both 1999 and 2000. There were questions about the location for this biological sampling site for the 1998 assessment. The site was not located in a riffle area, but instead in a channelized area of the river. The site was moved in 1998 to a better location, and data collected from the new site was used for this assessment. Fecal coliform data collected met swimming criteria. The river is assessed as fully supporting for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.0764				
AQUATIC LIFE SUPPORT	3.0764				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			3.0764
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Carr River**

Waterbody ID: RI0006012R-03

Waterbody Type: R

Waterbody Size: 2.842 M

Waterbody Description: Carr River. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Biological data collected in 1999 and 2000 from the Rapid Bioassessment Protocol project was used to assess Carr River. The biological data indicated a slightly impaired community for both years. An evaluated assessment was made for swimming use based on data collected downstream on the Big River. Carr River is assessed as fully supporting both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.842				
AQUATIC LIFE SUPPORT	2.842				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):**

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:	2.842		
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: **O, M, E, H, D or O/M etc.** **Trend Size:**

Trophic Trend: **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity:

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Congdon River**

Waterbody ID: RI0006012R-04

Waterbody Type: R

Waterbody Size: 3.2379 M

Waterbody Description:
Congdon River. Exeter, West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The 1999 and 2000 Rapid Bioassessment Protocol (macroinvertebrate) data was used to assess the aquatic life use status for Congdon River. Chemical monitoring downstream on the Big River was also used to assess this river. The data showed that the physical habitat of the river as well a the biological community was slightly impaired in 1999. In 2000 the aquatic life was found to be not impaired. The Congdon River is assessed as fully supporting for aquatic life use. The fecal coliform data collected downstream on the Big River was used to assess Congdon River for swimming use support. Congdon River is assessed (evaluated) as fully supporting the swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.2379				
AQUATIC LIFE SUPPORT	3.2379				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):**

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:	3.2379		
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: **O, M, E, H, D or O/M etc.** **Trend Size:**

Trophic Trend: **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity:

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Nooseneck River**

Waterbody ID: RI0006012R-05

Waterbody Type: R

Waterbody Size: 5.747 M

Waterbody Description:
Nooseneck River. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 Rapid Bioassessment Protocol (RBP) Data and 2000 Random Sampling Design (RSD) Data were used to assess Nooseneck River for aquatic life use. RBP data showed a slightly impaired biological community in both 1999 and 2000. All other data met criteria, and Nooseneck River is assessed as fully supporting aquatic life use. Since no pathogen data was collected, Nooseneck River is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					5.747
AQUATIC LIFE SUPPORT	5.747				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			5.747
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Raccoon Brook**

Waterbody ID: RI0006012R-06

Waterbody Type: R

Waterbody Size: 2.2976 M

Waterbody Description:
Raccoon Brook. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Raccoon Brook from Rapid Bioassessment Protocol data collected downstream on the Nooseneck River. Data extrapolated from Nooseneck River indicate that Racoon Brook is fully supporting aquatic life use. Raccoon Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.2976
AQUATIC LIFE SUPPORT	2.2976				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:	2.2976		
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Big River & Tribs*

Waterbody Name: **Mud Bottom Brook**

Waterbody ID: RI0006012R-07

Waterbody Type: R

Waterbody Size: 0.8635 M

Waterbody Description:
Mud Bottom Brook. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Mud Bottom Brook, which is located in West Greenwich. Biological data from a Rapid Bioassessment Station on Congdon River, and water chemistry data from a Chemical Baseline Station on the Big River were extrapolated to Mud Bottom Brook. Mud Bottom Brook to be assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.8635				
AQUATIC LIFE SUPPORT	0.8635				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			0.8635
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Flat River Reservoir (Johnson Pond)**

Waterbody ID: RI0006013L-01

Waterbody Type: L

Waterbody Size: 647.1368 A

Waterbody Description:
Flat River Reservoir (Johnson Pond). Coventry

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Flat River Reservoir, also known as Johnson Pond, is located in the Pawtuxet watershed in Coventry. Flat River Reservoir has a maximum depth of 10 meters, and it is classified as a deep water body. The pond supports a healthy warm water fishery. Flat River Reservoir has been monitored by URI Watershed Watch since 1992. Secchi depths have generally been in the mesotrophic range. Chlorophyll and total phosphorus levels have generally been low. Overall, Flat River Reservoir is characterized as a meso/oligotrophic waterbody. The 1999 and 2000 URI Watershed Watch data was used to make this assessment for swimming and aquatic life use. Dissolved oxygen levels were found to be low at a deep hole in the Reservoir, however this is probably the natural state of the waterbody. Flat River Reservoir is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	647.1368				
AQUATIC LIFE SUPPORT	647.1368				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.3627 **Lake Longitude:** 41.40484

Trophic Status: MO **O, M, E, H, D or O/M etc.** **Trend Size:** 647.1368

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 647.1368

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Coventry Reservoir (Stump Pond)**

Waterbody ID: RI0006013L-03

Waterbody Type: L

Waterbody Size: 168.0019 A

Waterbody Description:
Coventry Reservoir (Stump Pond). Coventry

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Coventry Reservoir, known locally as Stump Pond, is classified as a shallow water body. As its loca name suggests, it is characterized by emergent stumps throughout the pond. The Reservoir supports a healthy warm water fishery. Coventry Reservoir was monitored as part of the 1991 Southern Rhode Island Lake Water Quality Assessment project. In addition, the URI Watershed Watch Program has monitored the pond since 1994. The 2002 assessment is based on Watershed Watch data from 1999. Coventry Reservoir is classified as an oligotrophic pond. The Watershed Watch Program considers this a reference lake for shallow lakes. The fecal coliform levels have always been low. The reservoir is assessed as fully supporting for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	168				
AQUATIC LIFE SUPPORT	168				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.38269 **Lake Longitude:** 41.41335

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 168

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 168

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Quidnick Reservoir**

Waterbody ID: RI0006013L-04

Waterbody Description: Quidneck Reservoir. Coventry

Waterbody Type: L

Waterbody Size: 173.4062 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Quidnick Reservoir is located in the Pawtuxet watershed in the town of Coventry. It covers an area of approximately 175 acres, and has an average depth of 3.7 meters. With a maximum depth of 11 meters, Quidnick Reservoir is classified as a deep water body. Quidnick Reservoir has been monitored since 1992 by the URI Watershed Watch Program. Water chemistry data met criteria and Quidnick Reservoir is assessed as fully supporting aquatic life and swimming uses. The RIDOH has a fish consumption advisory for Quidnick Reservoir, therefore, the reservoir is assessed as not supporting fish consumption use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
FISH CONSUMPTION				173.4062	
SWIMMABLE	173.4062				
AQUATIC LIFE SUPPORT	173.4062				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.40474 **Lake Longitude:** 41.40442

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 173.4062

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 173.4062

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Fish tissue analysis

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in fish tissue

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Mercury	173.4062 A	M
METALS	173.4062 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	173.4062 A	M

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Maple Root Pond**

Waterbody ID: RI0006013L-12

Waterbody Type: L

Waterbody Size: 21.683 A

Waterbody Description:
Maple Root Pond. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Maple Root Pond, located in Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					21.683
AQUATIC LIFE SUPPORT					21.683

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3622 **Lake Longitude:** 41.3959

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Carr Pond (Coventry)**

Waterbody ID: RI0006013L-13

Waterbody Description: Carr Pond. Coventry

Waterbody Type: L

Waterbody Size: 10.223 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Carr Pond, located in Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					10.223
AQUATIC LIFE SUPPORT					10.223

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Boyd Brook**

Waterbody ID: RI0006013R-01

Waterbody Type: R

Waterbody Size: 2.7881 M

Waterbody Description:
Boyd Brook. Scituate, Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Boyd Brook, which travels through Scituate and Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.7881
AQUATIC LIFE SUPPORT					2.7881

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Flat River**

Waterbody ID: RI0006013R-02

Waterbody Type: R

Waterbody Size: 2.7899 M

Waterbody Description: Flat River. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 & 2000 Watershed Watch data was used to assess Flat River, which is located in the Pawtuxe River Basin. Fecal coliform and chemical data collected showed that Flat River was fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.7899				
AQUATIC LIFE SUPPORT	2.7899				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.7899	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **McCuster Brook**

Waterbody ID: RI0006013R-03

Waterbody Type: R

Waterbody Size: 2.5635 M

Waterbody Description: McCuster Brook. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: McCuster Brook, located in Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.5635
AQUATIC LIFE SUPPORT					2.5635

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Negro Sawmill Brook**

Waterbody ID: RI0006013R-04

Waterbody Type: R

Waterbody Size: 1.6318 M

Waterbody Description:
Negro Sawmill Brook. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Negro Sawmill Brook, which is located in Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.6318
AQUATIC LIFE SUPPORT					1.6318

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Pierce Brook**

Waterbody ID: RI0006013R-05

Waterbody Type: R

Waterbody Size: 2.2141 M

Waterbody Description:
Pierce Brook. Scituate, Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Pierce Brook, which travels through Scituate and Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.2141
AQUATIC LIFE SUPPORT					2.2141

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Pine Swamp Brook**

Waterbody ID: RI0006013R-06

Waterbody Type: R

Waterbody Size: 1.7276 M

Waterbody Description:
Pine Swamp Brook. Foster, Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Pine Swamp Brook, which travels through Foster and Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.7276
AQUATIC LIFE SUPPORT					1.7276

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Poor Farm Brook**

Waterbody ID: RI0006013R-07

Waterbody Type: R

Waterbody Size: 1.1636 M

Waterbody Description:
Poor Farm Brook. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Poor Farm Brook, located in Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.1636
AQUATIC LIFE SUPPORT					1.1636

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Quidneck Brook**

Waterbody ID: RI0006013R-08

Waterbody Type: R

Waterbody Size: 2.6674 M

Waterbody Description: Quidneck Brook. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design data was used to assess Quidneck Brook, which was previously unassessed. Data collected met criteria, and Quidneck Brook is assessed as fully supporting aquatic life use. Quidneck Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.6674
AQUATIC LIFE SUPPORT	2.6674				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.6674	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Whaley Brook**

Waterbody ID: RI0006013R-09

Waterbody Type: R

Waterbody Size: 1.4982 M

Waterbody Description:
Whaley Brook. Foster/Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Whaley Brook, which travels through the towns of Foster and Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.4982
AQUATIC LIFE SUPPORT					1.4982

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Flat River Res & Tribs*

Waterbody Name: **Turkey Meadow Brook**

Waterbody ID: RI0006013R-10

Waterbody Type: R

Waterbody Size: 2.2169 M

Waterbody Description:
Turkey Meadow Brook. Scituate, Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Turkey Meadow Brook, which travels through Scituate and Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.2169
AQUATIC LIFE SUPPORT					2.2169

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River South Branch & Tribs*

Waterbody Name: **Mishnock Lake**

Waterbody ID: RI0006014L-01

Waterbody Type: L

Waterbody Size: 47.0292 A

Waterbody Description:
Mishnock Lake. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Mishnock Lake is located in the Pawtuxet watershed, in the town of West Greenwich. Mishnock Lake has an area of approximately 47 acres, and an average depth of 2.3 meters. With a maximum depth of 5.4 meters it is classified as a deep waterbody. Mishnock Lake has been monitored since 1995 by URI Watershed Watch (URIWW). 1999 and 2000 URIWW data was used for this assessment. Data collected was meeting criteria, and Mishnock Lake is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	47.0292				
AQUATIC LIFE SUPPORT	47.0292				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.3528 **Lake Longitude:** 41.3911

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 47.0292

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 47.0292

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River South Branch & Tribs*

Waterbody Name: **Tiogue Lake**

Waterbody ID: RI0006014L-02

Waterbody Type: L

Waterbody Size: 233.9037 A

Waterbody Description: Tiogue Lake. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Tiogue Lake is located in the Pawtuxet watershed in the town of Coventry. It has an area of approximately 233 acres, and an average depth of 1.8 meters. With a maximum depth of 3.4 meters, Tiogue Lake is considered a shallow water body. Tiogue Lake supports a warm water fishery, and according to RIDEM, sustains one of the few small mouth bass populations confirmed in Rhode Island. Tiogue Lake has been monitored since 1991 by the URI Watershed Watch Program. 1999 and 2000 URI Watershed Watch (URIWW) data was used to assess Tiogue Lake for swimming and aquatic life use. The data collected met swimming and aquatic life criteria. Tiogue Lake is assessed as fully supporting for both swimming and aquatic life use. Overall, Tiogue Lake is considered an oligotrophic water body.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	233.9037				
AQUATIC LIFE SUPPORT	233.9037				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.33484 **Lake Longitude:** 41.40443

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 233.9037

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 233.9037

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River South Branch & Tribs*

Waterbody Name: **Upper Dam Pond**

Waterbody ID: RI0006014L-04

Waterbody Type: L

Waterbody Size: 20.4879 A

Waterbody Description: Upper Dam Pond. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Limited URI Watershed Watch (URIWW) data collected in 1999 and 2000 was used to assess Upper Dam Pond for swimming and aquatic life use. Upper Dam Pond was previously unassessed. Pathogen data collected met swimming criteria, and Upper Dam Pond is assessed as fully supporting aquatic life use. Total phosphorus data collected violated criteria, which caused Upper Dam Pond to be assessed as partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	20.4879				
AQUATIC LIFE SUPPORT			20.4879		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 20.4879

Trophic Trend: U **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 20.4879

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Phosphorus	20.4879 A	M
NUTRIENTS	20.4879 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Onsite Wastewater Systems (Septic Tanks)	20.4879 A	M
LAND DISPOSAL	20.4879 A	M
URBAN RUNOFF/STORM SEWERS	20.4879 A	M

Subbasin Name: *Pawtuxet River South Branch & Tribs*

Waterbody Name: **Matteson Pond**

Waterbody ID: RI0006014L-05

Waterbody Type: L

Waterbody Size: 12.172 A

Waterbody Description:
Matteson Pond. West Warwick

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Matteson Pond, located in West Warwick, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
AQUATIC LIFE SUPPORT					12.172
SWIMMABLE					12.172

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River South Branch & Tribs*

Waterbody Name: **Hawkinson Brook**

Waterbody ID: RI0006014R-01

Waterbody Type: R

Waterbody Size: 1.2568 M

Waterbody Description: Hawkinson Brook. West Warwick

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Hawkinson Brook, located in West Warwick, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.2568
AQUATIC LIFE SUPPORT					1.2568

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River South Branch & Tribs*

Waterbody Name: **Mishnock River**

Waterbody ID: RI0006014R-02

Waterbody Type: R

Waterbody Size: 3.1531 M

Waterbody Description:
Mishnock River. West Greenwich, Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mishnock River, which travels through West Greenwich and Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.1531
AQUATIC LIFE SUPPORT					3.1531

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River South Branch & Tribs*

Waterbody Name: **Old Hickory Brook**

Waterbody ID: RI0006014R-03

Waterbody Type: R

Waterbody Size: 2.2004 M

Waterbody Description:
Old Hickory Brook. West Greenwich, Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Old Hickory Brook, which travels through West Greenwich and Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.2004
AQUATIC LIFE SUPPORT					2.2004

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River South Branch & Tribs*

Waterbody Name: **Pawtuxet River South Branch**

Waterbody ID: RI0006014R-04A

Waterbody Type: R

Waterbody Size: 5.3396 M

Waterbody Description:
Pawtuxet River South Branch from the Flat River Reservoir dam to the Quidnick Dye Mill dam. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for this portion of the South Branch of the Pawtuxet River from data collected during the Summer 2000 Random Sampling Design project. Data showed dissolved lead, cadmium and copper meeting criteria. This portion of the river is assessed as fully supporting aquatic life use. The river is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					5.3396
AQUATIC LIFE SUPPORT	5.3396				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		5.3396	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River South Branch & Tribs*

Waterbody Name: **Pawtuxet River South Branch**

Waterbody ID: RI0006014R-04B

Waterbody Type: R

Waterbody Size: 4.588 M

Waterbody Description:
Pawtuxet River South Branch from the Quidnick Dye Mill dam to its confluence with the North Branch of the Pawtuxet River. Coventry, West Warwick, Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1994 River Rescue data, and 1998/1999 RIDEM 303(d)/TMDL supplemental data were used to assess this portion of the South Branch of the Pawtuxet River. River Rescue data showed levels c total lead and cadmium were violating criteria. RIDEM supplemental 303(d) data for dissolved lead also showed violations of criteria, which caused the river to be assessed as partially supporting aquatic life use. This portion of the South Branch is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					4.588
AQUATIC LIFE SUPPORT			4.588		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:		4.588	
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Lead	4.588 M	M
Cadmium	4.588 M	M
METALS	4.588 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	4.588 M	M
Highway/Road/Bridge Runoff	4.588 M	M
URBAN RUNOFF/STORM SEWERS	4.588 M	M
Major Industrial Point Source	4.588 M	M
INDUSTRIAL POINT SOURCES	4.588 M	M

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Regulating Reservoir**

Waterbody ID: RI0006015L-01

Waterbody Description: Regulating Reservoir. Scituate

Waterbody Type: L

Waterbody Size: 213.5938 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An assessment was made for Regulating Reservoir from data collected between July 1998 and June 2000 by the Providence Water Supply Board. The data collected met criteria for swimming and aquatic life uses. Regulating Reservoir is assessed as fully supporting for both uses. Sampling for the drinking water assessment of this water supply system is conducted downstream in the Scituate Reservoir, which is the terminal reservoir. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Regulating Reservoir is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					213.59
SWIMMABLE	213.59				
AQUATIC LIFE SUPPORT	213.59				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3557 **Lake Longitude:** 41.5011

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 213.5938

Trophic Trend: U **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: U **I, S, D or Unknown** **Size Assessed for Acidity:** 213.5938

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Ponagansett Reservoir**

Waterbody ID: RI0006015L-02

Waterbody Type: L

Waterbody Size: 219.9781 A

Waterbody Description:
Ponagansett Reservoir. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected between July 1998 and June 2000 by the Providence Water Supply Board was used to assess Ponagansett Reservoir. The data collected met criteria for swimming and aquatic life use, and Ponagansett Reservoir is assessed as fully supporting for both uses. Sampling for the drinking water assessment of this water supply system is conducted downstream in the Scituate Reservoir, which is the terminal reservoir. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Ponagansett Reservoir is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					219.9781
SWIMMABLE	219.9781				
AQUATIC LIFE SUPPORT	219.9781				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.444 **Lake Longitude:** 41.524

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 219.9781

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Westconnaug Reservoir**

Waterbody ID: RI0006015L-03

Waterbody Description: Westconnaug Reservoir. Foster, Scituate

Waterbody Type: L

Waterbody Size: 183.6615 A

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Westconnaug Reservoir based on data collected from Westconnaug Brook and Stream. This sampling was performed by the Providence Water Supply Board between July 1998 and June 1999. Westconnaug Reservoir is evaluated as fully supporting swimming and aquatic life uses. Sampling for the drinking water assessment of this water supply system is conducted downstream in the Scituate Reservoir, which is the terminal reservoir. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Westconnaug Reservoir is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					183.6615
SWIMMABLE	183.6615				
AQUATIC LIFE SUPPORT	183.6615				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		183.6615	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.4056 **Lake Longitude:** 41.4552

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:**

Trophic Trend: *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity:

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Moswansicut Pond**

Waterbody ID: RI0006015L-04

Waterbody Description: Moswansicut Pond. Scituate, Johnston

Waterbody Type: L

Waterbody Size: 280.9009 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An assessment was made for Moswansicut Pond from data collected between July 1998 and June 2000 by the Providence Water Supply Board, and a sediment study conducted by Dr. John King of URI/GSO in 1990. The data collected met criteria for swimming and aquatic life use. Moswansicut Pond is assessed as fully supporting both swimming and aquatic life use. Sampling for the drinking water assessment of this water supply system is conducted downstream in the Scituate Reservoir, which is the terminal reservoir. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Moswansicut Pond is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					280.9
SWIMMABLE	280.9				
AQUATIC LIFE SUPPORT	280.9				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.344 **Lake Longitude:** 41.5038

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 280.9009

Trophic Trend: U **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 280.9009

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

Chemical monitoring of sediments

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Shippee Saw Mill Pond**

Waterbody ID: RI0006015L-05

Waterbody Type: L

Waterbody Size: 8.1869 A

Waterbody Description:
Shippee Saw Mill Pond. Foster

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 2000 URI Watershed Watch data was used to assess Shippee Saw Mill Pond. This was the first yeai the pond has been monitored. Data collected showed that all criteria were being met. Shippee Saw Mill Pond is assessed as fully supporting both swimming and aquatic life use. Sampling for the drinking water assessment of this water supply system is conducted downstream in the Scituate Reservoir, which is the terminal reservoir. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Shippee Saw Mill Pond is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					8.1869
SWIMMABLE	8.1869				
AQUATIC LIFE SUPPORT	8.1869				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4508 **Lake Longitude:** 41.5003

Trophic Status: M *O, M, E, H, D or O/M etc.* **Trend Size:** 8.1869

Trophic Trend: S *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 8.1869

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Barden Reservoir**

Waterbody ID: RI0006015L-06

Waterbody Type: L

Waterbody Size: 247.1211 A

Waterbody Description:
Barden Reservoir. Foster, Scituate

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The assessment for Barden Reservoir is evaluated. Data was extrapolated downstream from Dolly Cole Brook and Ponagansett River. Both aquatic life use and swimming were assessed as fully supporting. Because sampling for drinking water use is collected at the terminal reservoir of the system and not within tributaries, Barden Reservoir is considered unassessed for drinking water use

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					247.1211
SWIMMABLE	247.1211				
AQUATIC LIFE SUPPORT	247.1211				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.4126 **Lake Longitude:** 41.4752

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 247.1211

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Scituate Reservoir**

Waterbody ID: RI0006015L-07

Waterbody Description: Scituate Reservoir. Scituate

Waterbody Type: L

Waterbody Size: 3276.798 A

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for the Scituate Reservoir based on land use data in addition to RI Department of Health (RIDOH) Drinking Water Supply data. Based on the land use data, aquatic life and swimming uses were assessed as fully supporting. RIDOH data showed Scituate Reservoir fully meeting drinking water standards, and is assessed as fully supporting drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	3276.798				
SWIMMABLE	3276.798				
AQUATIC LIFE SUPPORT	3276.798				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3641 **Lake Longitude:** 41.4631

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 3276.798

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

Land use information and location of sources

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Coomer's Lake**

Waterbody ID: RI0006015L-08

Waterbody Type: L

Waterbody Size: 15.5459 A

Waterbody Description: Coomer's Lake. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Coomer's Lake is located in the Pawtuxet watershed, in the town of Glocester. It has an area of approximately 15 acres. With a maximum depth of 4 meters, Coomer's Lake is classified as a shallow waterbody. Coomer's Lake has been monitored since 1992, and is classified as an oligotrophic water body. 1999 and 2000 URI Watershed Watch data was used to assess Coomer's Lake. Data collected met criteria for both swimming and aquatic life use, and the lake is assessed as fully supporting both uses. Sampling for the drinking water assessment of this water supply system is conducted downstream in the Scituate Reservoir, which is the terminal reservoir. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Coomer's Lake is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					15.5459
SWIMMABLE	15.5459				
AQUATIC LIFE SUPPORT	15.5459				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3732 **Lake Longitude:** 41.525

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 15.5459

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 15.5459

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Brush Meadow Pond**

Waterbody ID: RI0006015L-09

Waterbody Description: Brush Meadow Pond. Foster, Scituate

Waterbody Type: L

Waterbody Size: 10.3381 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Brush Meadow Pond, located on the Foster/ Scituate border, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					10.3381
SWIMMABLE					10.3381
AQUATIC LIFE SUPPORT					10.3381

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 10.3381

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **King Pond**

Waterbody ID: RI0006015L-10

Waterbody Type: L

Waterbody Size: 17.9002 A

Waterbody Description: King Pond. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: King Pond, located in Scituate, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					17.9002
SWIMMABLE					17.9002
AQUATIC LIFE SUPPORT					17.9002

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 17.9002

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Pine Swamp Pond**

Waterbody ID: RI0006015L-11

Waterbody Type: L

Waterbody Size: 36.9516 A

Waterbody Description:
Pine Swamp Pond. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Pine Swamp Pond, located in Scituate, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					36.9516
SWIMMABLE					36.9516
AQUATIC LIFE SUPPORT					36.9516

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 36.9516

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Betty Pond**

Waterbody ID: RI0006015L-12

Waterbody Type: L

Waterbody Size: 24.0274 A

Waterbody Description:
Betty Pond. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Betty Pond, located in Scituate, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					24.0274
SWIMMABLE					24.0274
AQUATIC LIFE SUPPORT					24.0274

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 24.0274

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Lake Aldersgate**

Waterbody ID: RI0006015L-13

Waterbody Type: L

Waterbody Size: 15.1926 A

Waterbody Description:
Lake Aldersgate. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 2000 and 2001 RI Department of Health (RIDOH) Beach Program Data was used to assess Lake Aldersgate. Fecal coliform data collected met swimming criteria for freshwater, and was therefore assessed as fully supporting swimming use. Lake Aldersgate is unassessed for aquatic life use, since no other data was collected. Sampling for the drinking water assessment of this water supply system is conducted downstream in the Scituate Reservoir, which is the terminal reservoir. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Lake Aldersgate is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					15.1926
SWIMMABLE	15.1926				
AQUATIC LIFE SUPPORT					15.1926

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 15.1926

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Kimball Reservoir**

Waterbody ID: RI0006015L-14

Waterbody Type: L

Waterbody Size: 27.915 A

Waterbody Description:
Kimball Reservoir. Johnston

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Kimball Reservoir from limited data collected between July 1998 and June 2000 by the Providence Water Supply Board. The data collected met criteria for swimming and aquatic life use. Kimball Reservoir is assessed as fully supporting both swimming and aquatic life use. Sampling for the drinking water assessment of this water supply system is conducted downstream in the Scituate Reservoir, which is the terminal reservoir. Sampling of the terminal reservoir of a water supply system is the requirement of the RI Department of Health. Therefore, Kimball Reservoir is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					27.915
SWIMMABLE	27.915				
AQUATIC LIFE SUPPORT	27.915				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 27.915

Trophic Trend: U *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 27.915

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Allen Richard Brook**

Waterbody ID: RI0006015R-01

Waterbody Type: R

Waterbody Size: 1.0926 M

Waterbody Description:
Allen Richard Brook. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Allen Richard Brook is a small tributary to Windsor Brook in the Scituate Reservoir sub-watershed. Data is not collected on Allen Richard Brook but instead the assessment is extrapolated from data collected downstream on Windsor Brook by the Providence Water Supply Board. Allen Richard Brook is evaluated as fully supporting both aquatic life use and swimming use. Because sampling for drinking water use is collected at the terminal reservoir of the system and not within tributaries, Allen Richard Brook is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.0926
SWIMMABLE	1.0926				
AQUATIC LIFE SUPPORT	1.0926				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.0926	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Bear Tree Brook**

Waterbody ID: RI0006015R-02

Waterbody Type: R

Waterbody Size: 1.2416 M

Waterbody Description:
Bear Tree Brook. Foster, Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was utilized to assess Bear Tree Brook for swimming and aquatic life. Bear Tree Brook is potentially threatened by a state salt storage pile located in the vicinity of the brook. The brook is assessed as fully supporting for both aquatic life and swimming use. Bear Tree brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Bear Tree Brook is not sampled, and is therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.2416
SWIMMABLE	1.2416				
AQUATIC LIFE SUPPORT	1.2416				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.2416	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
CHLORIDES	1.2416 M	T
Phosphorus	1.2416 M	T
NUTRIENTS	1.2416 M	T

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	1.2416 M	T

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Blanchard Brook**

Waterbody ID: RI0006015R-03

Waterbody Type: R

Waterbody Size: 0.2286 M

Waterbody Description: Blanchard Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was utilized to assess Blanchard Brook for swimming and aquatic life. Data collected met criteria, and the brook is assessed as fully supporting for both uses. Blanchard Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Blanchard Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					0.2286
SWIMMABLE	0.2286				
AQUATIC LIFE SUPPORT	0.2286				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.2286	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Phosphorus	0.2286 M	T
NUTRIENTS	0.2286 M	T

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.2286 M	T

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Brandy Brook**

Waterbody ID: RI0006015R-04

Waterbody Type: R

Waterbody Size: 1.7616 M

Waterbody Description: Brandy Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was utilized to assess Brandy Brook for swimming and aquatic life use. Data collected met criteria, and Brandy Brook is assessed as fully supporting for both aquatic life and swimming use. Brandy Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Brandy Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.7616
SWIMMABLE	1.7616				
AQUATIC LIFE SUPPORT	1.7616				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.7616	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Bullhead Brook**

Waterbody ID: RI0006015R-05

Waterbody Description: Bullhead Brook. Scituate

Waterbody Type: R

Waterbody Size: 1.3135 M

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Bullhead Brook, located in Scituate, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.3135
SWIMMABLE					1.3135
AQUATIC LIFE SUPPORT					1.3135

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Cork Brook**

Waterbody ID: RI0006015R-06

Waterbody Type: R

Waterbody Size: 2.6847 M

Waterbody Description: Cork Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board and 2000 Random Sampling Design data were utilized to assess Cork Brook for swimming and aquatic life use. Data collected met criteria, and the brook is assessed as fully supporting for both aquatic life and swimming use. Cork Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Cork Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.6847
SWIMMABLE	2.6847				
AQUATIC LIFE SUPPORT	2.6847				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.6847	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Coventry Brook**

Waterbody ID: RI0006015R-07

Waterbody Type: R

Waterbody Size: 1.0245 M

Waterbody Description: Coventry Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected between 1998 and 2000 by the Providence Water Supply Board was utilized to assess this brook for swimming and aquatic life use. The data collected met criteria, and the brook is assessed as fully supporting for both aquatic life and swimming use. Coventry Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Coventry Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.0245
SWIMMABLE	1.0245				
AQUATIC LIFE SUPPORT	1.0245				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.0245	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Dolly Cole Brook**

Waterbody ID: RI0006015R-08

Waterbody Type: R

Waterbody Size: 2.7436 M

Waterbody Description:
Dolly Cole Brook. Glocester, Foster, Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected between 1998 and 2000 by the Providence Water Supply Board, and 1999 and 2000 Rapid Bioassessment Protocol data were utilized to assess Dolly Cole Brook for swimming and aquatic life use. The biological data indicated a slightly impaired physical habitat in 1999, and a non-impaired habitat in 2000. Fecal coliform data met criteria for swimming. The brook is assessed as fully supporting for both aquatic life and swimming use. Dolly Cole Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Dolly Cole Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.7436
SWIMMABLE	2.7436				
AQUATIC LIFE SUPPORT	2.7436				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			2.7436
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Hannah Brook**

Waterbody ID: RI0006015R-09

Waterbody Type: R

Waterbody Size: 1.3854 M

Waterbody Description:
Hannah Brook. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected downstream from Windsor Brook between 1999 and 2000 by the Providence Water Supply Board was used to make an evaluated assessment for Hannah Brook. All data met criteria, and Hannah Brook is assessed as fully supporting for both aquatic life and swimming use. Hannah Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Hannah Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.3854
SWIMMABLE	1.3854				
AQUATIC LIFE SUPPORT	1.3854				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.3854	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Hemlock Brook**

Waterbody ID: RI0006015R-10

Waterbody Type: R

Waterbody Size: 4.6183 M

Waterbody Description: Hemlock Brook. Foster

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board and 2000 Random Sampling Design data were utilized to assess Hemlock Brook for swimming and aquatic life. Hemlock Brook is assessed as fully supporting for aquatic life use. E. coli data met criteria for swimming, so the brook is fully supporting its swimming use. Hemlock Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Hemlock Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					4.6183
SWIMMABLE	4.6183				
AQUATIC LIFE SUPPORT	4.6183				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2,3

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			4.6183
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ O, M, E, H, D or O/M etc. **Trend Size:** _____

Trophic Trend: _____ (I)mproving, (S)table or (D)eteriorating

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ (I)mpaired, (V)ulnerable, (N)ot Impaired

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Huntinghouse Brook**

Waterbody ID: RI0006015R-11

Waterbody Type: R

Waterbody Size: 3.8377 M

Waterbody Description:
Huntinghouse Brook. Glocester, Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was utilized to assess this brook for swimming and aquatic life. The brook is assessed as fully supporting for both aquatic life and swimming use. Huntinghouse Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Huntinghouse Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					3.8377
SWIMMABLE	3.8377				
AQUATIC LIFE SUPPORT	3.8377				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.8377	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Phosphorus	3.3877 M	T
NUTRIENTS	3.8377 M	T

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	3.8377 M	T

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Kent Brook**

Waterbody ID: RI0006015R-12

Waterbody Type: R

Waterbody Size: 1.0184 M

Waterbody Description: Kent Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was utilized to assess Kent brook for swimming and aquatic life. All data met criteria and the brook is assessed as fully supporting for both aquatic life and swimming use. Kent Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Kent Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.0184
SWIMMABLE	1.0184				
AQUATIC LIFE SUPPORT	1.0184				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.0184	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Killy Brook**

Waterbody ID: RI0006015R-13

Waterbody Type: R

Waterbody Size: 2.1361 M

Waterbody Description: Killy Brook. Glocester, Foster

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected downstream from Windsor Brook between 1998 and 2000 by the Providence Water Supply Board was used to make an evaluated assessment for Killy Brook. All data met criteria, and Killy Brook is assessed as fully supporting for both aquatic life and swimming use. Killy Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Killy Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.1361
SWIMMABLE	2.1361				
AQUATIC LIFE SUPPORT	2.1361				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.1361	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **King Brook**

Waterbody ID: RI0006015R-14

Waterbody Type: R

Waterbody Size: 1.2717 M

Waterbody Description: King Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: King Brook, located in Scituate, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.2717
SWIMMABLE					1.2717
AQUATIC LIFE SUPPORT					1.2717

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Moswansicut Stream**

Waterbody ID: RI0006015R-16

Waterbody Description: Moswansicut Stream. Scituate

Waterbody Type: R

Waterbody Size: 0.0915 M

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was used to assess this stream for swimming and aquatic life. The data indicated slightly elevated levels of E. coli. The brook is assessed as fully supporting for aquatic life and partially supporting for swimming use. Moswansicut Stream is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Moswansicut Stream is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					0.0915
SWIMMABLE			0.0915		
AQUATIC LIFE SUPPORT	0.0915				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.0915	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.0915 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.0915 M	M

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Paine Brook**

Waterbody ID: RI0006015R-17

Waterbody Type: R

Waterbody Size: 3.0633 M

Waterbody Description: Paine Brook. Foster

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was used to assess Paine Brook for swimming and aquatic life uses. The data collected met all criteria, and the brook is assessed as fully supporting for both aquatic life and swimming use. Paine Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Paine Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					3.0633
SWIMMABLE	3.0633				
AQUATIC LIFE SUPPORT	3.0633				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.0633	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Mosquitohawk Brook**

Waterbody ID: RI0006015R-18

Waterbody Type: R

Waterbody Size: 3.9024 M

Waterbody Description:
Mosquitohawk Brook. Glocester, Scituate

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mosquitohawk Brook, which travels through Glocester and Scituate, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					3.9024
SWIMMABLE					3.9024
AQUATIC LIFE SUPPORT					3.9024

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Peeptoad Brook**

Waterbody ID: RI0006015R-19

Waterbody Type: R

Waterbody Size: 3.6267 M

Waterbody Description:
Peeptoad Brook. Glocester, Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board and Summer 2000 Random Sampling Design data were utilized to assess Peeptoad Brook for swimming and aquatic life uses. All the data collected met criteria, and the brook is assessed as fully supporting for both aquatic life and swimming use. Peeptoad Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Peeptoad Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					3.6267
SWIMMABLE	3.6267				
AQUATIC LIFE SUPPORT	3.6267				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.6267	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Ponagansett River**

Waterbody ID: RI0006015R-20

Waterbody Description: Ponagansett River. Glocester, Foster

Waterbody Type: R

Waterbody Size: 6.0216 M

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected between 1998 and 2000 by the Providence Water Supply Board was used to assess Ponagansett River for swimming and aquatic life uses. The data met all criteria, and the river is assessed as fully supporting for both aquatic life and swimming uses. Ponagansett River is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Ponagansett River is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					6.0216
SWIMMABLE	6.0216				
AQUATIC LIFE SUPPORT	6.0216				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2,3,4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		6.0216	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Quonopaug River**

Waterbody ID: RI0006015R-21

Waterbody Type: R

Waterbody Size: 2.336 M

Waterbody Description: Quonopaug River. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was used to assess this river for swimming and aquatic life use. The data met all criteria, and the river is assessed as fully supporting for both aquatic life and swimming use. Quonopaug River is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Quonopaug River is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.336
SWIMMABLE	2.336				
AQUATIC LIFE SUPPORT	2.336				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.336	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Rush Brook**

Waterbody ID: RI0006015R-22

Waterbody Type: R

Waterbody Size: 4.0145 M

Waterbody Description: Rush Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected between 1998 and 2000 by the Providence Water Supply Board, and 1992- 1995 Rapid Bioassessment Protocol data were utilized to assess Rush Brook for swimming and aquatic life use. The biological data indicated that aquatic life use is fully supporting. Fecal coliform data met criteria for swimming. The brook is assessed as fully supporting for both aquatic life and swimming use. Rush Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Rush Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					4.0145
SWIMMABLE	4.0145				
AQUATIC LIFE SUPPORT	4.0145				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			4.0145
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

BIOLOGICAL MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Shippee Brook**

Waterbody ID: RI0006015R-23

Waterbody Type: R

Waterbody Size: 3.3955 M

Waterbody Description: Shippee Brook. Foster

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board, and 2000 Random Sampling Design data were utilized to assess Shippee Brook for swimming and aquatic life use. The data collected met criteria, and the brook is assessed as fully supporting for both aquatic life and swimming use. Shippee Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Shippee Brook is not sampled and is, therefore, considered unassessed foı drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					3.3955
SWIMMABLE	3.3955				
AQUATIC LIFE SUPPORT	3.3955				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.3955	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Soak Hide Brook**

Waterbody ID: RI0006015R-24

Waterbody Type: R

Waterbody Size: 1.7173 M

Waterbody Description: Soak Hide Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Soak Hide Brook from data collected downstream on Rush Brook between 1998 and 2000 by the Providence Water Supply Board, and Rapid Bioassessment Protocol data collected between 1992-1995. All data collected downstream met criteria and Soak Hide Brook is assessed as fully supporting for both aquatic life and swimming use. Soak Hide Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Soak Hide Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.7173
SWIMMABLE	1.7173				
AQUATIC LIFE SUPPORT	1.7173				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			1.7173
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Spruce Brook**

Waterbody ID: RI0006015R-25

Waterbody Type: R

Waterbody Size: 1.8346 M

Waterbody Description: Spruce Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was used to assess Spruce Brook for swimming and aquatic life use. The data collected met criteria, and the brook is assessed as fully supporting for both aquatic life and swimming use. Spruce Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Spruce Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.8346
SWIMMABLE	1.8346				
AQUATIC LIFE SUPPORT	1.8346				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.8346	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Swamp Brook**

Waterbody ID: RI0006015R-26

Waterbody Type: R

Waterbody Size: 2.1681 M

Waterbody Description: Swamp Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The 1992, 1993 and 1994 Rapid Bioassessment (macroinvertebrate) Protocol data was utilized to make an evaluated assessment for Swamp Brook for aquatic life use. The biological data indicated a slightly impaired biological community, and the physical habitat was considered fully supporting . Aquatic life use is assessed as fully supporting its use. Due to the lack of fecal coliform data, Swamp Brook is unassessed for swimming use. Swamp Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Swamp Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.1681
SWIMMABLE					2.1681
AQUATIC LIFE SUPPORT	2.1681				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):**

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:	2.1681		
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: **O, M, E, H, D or O/M etc.** **Trend Size:**

Trophic Trend: **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity:

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Westconnaug Brook**

Waterbody ID: RI0006015R-27

Waterbody Type: R

Waterbody Size: 1.794 M

Waterbody Description: Westconnaug Brook. Foster

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was used to assess Westconnaug Brook for swimming and aquatic life uses. All data collected met criteria, and Westconnaug Brook is assessed as fully supporting for both aquatic life and swimming uses. Westconnaug Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Westconnaug Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.794
SWIMMABLE	1.794				
AQUATIC LIFE SUPPORT	1.794				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.794	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Westconnaug Stream**

Waterbody ID: RI0006015R-28

Waterbody Type: R

Waterbody Size: 1.2447 M

Waterbody Description:
Westconnaug Stream. Foster, Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was used to assess Westconnaug Stream for swimming and aquatic life use. All data collected met criteria, and the stream is assessed as fully supporting for both aquatic life and swimming uses. Westconnaug Stream is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Westconnaug Stream is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.2447
SWIMMABLE	1.2447				
AQUATIC LIFE SUPPORT	1.2447				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.2447	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Wilbur Hollow Brook**

Waterbody ID: RI0006015R-29

Waterbody Type: R

Waterbody Size: 3.3814 M

Waterbody Description: Wilbur Hollow Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected between 1998 - 2000 by the Providence Water Supply Board, and 1992-1995 by the Rapid Bioassessment Protocol project were utilized to assess Wilbur Hollow Brook for swimming and aquatic life uses. The biological data showed a fully supporting biological community. Fecal coliform data collected met swimming criteria. Wilbur Hollow Brook is assessed as fully supporting for both aquatic life and swimming uses. Wilbur Hollow Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Wilbur Hollow Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					3.3814
SWIMMABLE	3.3814				
AQUATIC LIFE SUPPORT	3.3814				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			3.3814
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

BIOLOGICAL MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Windsor Brook**

Waterbody ID: RI0006015R-30

Waterbody Type: R

Waterbody Size: 2.2304 M

Waterbody Description:
Windsor Brook. Glocester, Foster

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Sampling conducted between 1998 and 2000 by the Providence Water Supply Board was used to assess Windsor Brook for swimming and aquatic life use. All data collected met criteria, and Windsor Brook is assessed as fully supporting for both aquatic life and swimming use. Windsor Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Windsor Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.2304
SWIMMABLE	2.2304				
AQUATIC LIFE SUPPORT	2.2304				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.2304	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply pathogen monitoring (ambient water)

PATHOGEN MONITORING

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Hunt Brook**

Waterbody ID: RI0006015R-31

Waterbody Type: R

Waterbody Size: 1.1733 M

Waterbody Description: Hunt Brook. Glocester

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected from Peeptoad Brook between 1998 and 2000 by the Providence Water Supply Board, and data collected from URI Watershed Watch from 1999 and 2000 on Coomber's Reservoir were used to make an evaluated assessment for Hunt Brook. All data met criteria, and Hunt Brook is assessed as fully supporting for both aquatic life and swimming use. Hunt Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Hunt Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.1733
SWIMMABLE	1.1733				
AQUATIC LIFE SUPPORT	1.1733				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.1733	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Scituate Reservoir Tribs*

Waterbody Name: **Potterville Brook**

Waterbody ID: RI0006015R-32

Waterbody Type: R

Waterbody Size: 1.8404 M

Waterbody Description:
Potterville Brook. Foster, Scituate

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected downstream on Wilbur Hollow Brook, was used to conduct an evaluated assessment for Potterville Brook. Data collected between 1998 and 2000 by the Providence Water Supply Board, and Rapid Bioassessment Protocol data collected between 1992-1994 were used. This extrapolated assessment was for swimming and aquatic life uses. All data collected met criteria, and Potterville Brook is assessed as fully supporting for both aquatic life and swimming uses. Potterville Brook is a tributary within the Scituate Reservoir Water Supply system. Because the RI Department of Health requires sampling for drinking water assessment only at the terminal reservoir, Potterville Brook is not sampled and is, therefore, considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.8404
SWIMMABLE	1.8404				
AQUATIC LIFE SUPPORT	1.8404				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			1.8404
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River North Branch & Tribs*

Waterbody Name: **Black Rock Reservoir**

Waterbody ID: RI0006016L-01

Waterbody Description: Black Rock Reservoir. Coventry

Waterbody Type: L

Waterbody Size: 21.857 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Black Rock Reservoir, located in Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					21.857
AQUATIC LIFE SUPPORT					21.857

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River North Branch & Tribs*

Waterbody Name: **J.L. Curran Reservoir (Fiskeville Reservoir)**

Waterbody ID: RI0006016L-02

Waterbody Description: J.L. Curran Reservoir (Fiskeville Reservoir). Cranston

Waterbody Type: L

Waterbody Size: 46.2275 A

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: J.L. Curran Reservoir, also known as Fiskeville Reservoir, is located in Cranston. No data has been collected here since 1994. An evaluated assessment was made for J.L. Curran Reservoir based on 1994 URI Watershed Watch data. It is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	46.2275				
AQUATIC LIFE SUPPORT	46.2275				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.3258 **Lake Longitude:** 41.4507

Trophic Status: MO **O, M, E, H, D or O/M etc.** **Trend Size:** 46.2275

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 46.2275

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River North Branch & Tribs*

Waterbody Name: **Black Rock Brook**

Waterbody ID: RI0006016R-01

Waterbody Type: R

Waterbody Size: 0.9001 M

Waterbody Description: Black Rock Brook. Coventry

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Black Rock Brook, located in Coventry, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.9001
AQUATIC LIFE SUPPORT					0.9001

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River North Branch & Tribs*

Waterbody Name: **Clarke Brook**

Waterbody ID: RI0006016R-02

Waterbody Type: R

Waterbody Size: 1.2939 M

Waterbody Description: Clarke Brook. Cranston

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Clarke Brook, located in Cranston, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.2939
AQUATIC LIFE SUPPORT					1.2939

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River North Branch & Tribs*

Waterbody Name: **Colvin Brook**

Waterbody ID: RI0006016R-03

Waterbody Type: R

Waterbody Size: 1.5534 M

Waterbody Description: Colvin Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Colvin Brook, located in Scituate, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.5534
AQUATIC LIFE SUPPORT					1.5534

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River North Branch & Tribs*

Waterbody Name: **Cranberry Brook**

Waterbody ID: RI0006016R-04

Waterbody Type: R

Waterbody Size: 2.4267 M

Waterbody Description: Cranberry Brook. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Cranberry Brook, located in Scituate, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.4267
AQUATIC LIFE SUPPORT					2.4267

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River North Branch & Tribs*

Waterbody Name: **Lippet Brook**

Waterbody ID: RI0006016R-05

Waterbody Type: R

Waterbody Size: 2.3552 M

Waterbody Description:
Lippet Brook. Cranston, West Warwick

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Lippet Brook, which travels through Cranston and West Warwick, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.3552
AQUATIC LIFE SUPPORT					2.3552

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River North Branch & Tribs*

Waterbody Name: **Pawtuxet River North Branch**

Waterbody ID: RI0006016R-06A

Waterbody Type: R

Waterbody Size: 0.4851 M

Waterbody Description:
Pawtuxet River North Branch from Gainer Memorial Dam to 0.5 mile downstream. Scituate

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This section of the Pawtuxet River North Branch, which travels from Gainer Memorial Dam to 0.5 miles downstream in Scituate, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.4851
AQUATIC LIFE SUPPORT					0.4851

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River North Branch & Tribs*

Waterbody Name: **Pawtuxet River North Branch**

Waterbody ID: RI0006016R-06B

Waterbody Type: R

Waterbody Size: 6.8371 M

Waterbody Description:
Pawtuxet River North Branch from 0.5 mile downstream of the Gainer Memorial Dam to the confluence of the North and South Branches of the Pawtuxet River at Riverpoint. Scituate, Coventry, and West Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1994 River Rescue data, and 1998/1999 RIDEM 303(d)/TMDL supplemental data were used to assess this portion of the North Branch of the Pawtuxet River. Data showed that dissolved lead and cadmium were violating criteria, and therefore, the river is assessed as partially supporting aquatic life use. This section of the North Branch of the Pawtuxet River is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					6.8371
AQUATIC LIFE SUPPORT			6.8371		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:		6.8371	
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Lead	6.8371 M	M
Cadmium	6.8371 M	M
METALS	6.8371 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	6.8371 M	M
Highway/Road/Bridge Runoff	6.8371 M	M
URBAN RUNOFF/STORM SEWERS	6.8371 M	M

Subbasin Name: *Pawtuxet River North Branch & Tribs*

Waterbody Name: **Burlingame Brook**

Waterbody ID: RI0006016R-07

Waterbody Type: R

Waterbody Size: 0.973 M

Waterbody Description:
Burlingame Brook. Coventry, Scituate

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Burlingame Brook, which travels through Coventry and Scituate, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.973
AQUATIC LIFE SUPPORT					0.973

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Meshanticut Pond**

Waterbody ID: RI0006017L-01

Waterbody Description: Meshanticut Pond. Cranston

Waterbody Type: L

Waterbody Size: 12.2869 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Meshanticut Pond, located in Cranston, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					12.2869
AQUATIC LIFE SUPPORT					12.2869

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.2834 **Lake Longitude:** 41.4607

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 12.2869

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Three Ponds**

Waterbody ID: RI0006017L-02

Waterbody Type: L

Waterbody Size: 21.4249 A

Waterbody Description: Three Ponds. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1998/1999 RIDEM TMDL data and data collected during the ASA Pawtuxet River Study were used to assess Three Ponds for swimming and aquatic life uses. Data collected in 1990 by the ASA project showed violations of phosphorus, dissolved oxygen and pathogens. RIDEM TMDL data showed violations of dissolved copper and lead criteria. Three Ponds is assessed as partially supporting swimming use, and not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			21.4249		
AQUATIC LIFE SUPPORT				21.4249	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2706 **Lake Longitude:** 41.4328

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 21.4249

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	21.4249 A	H
LOW DO	21.4249 A	H
Phosphorus	21.4249 A	H
NUTRIENTS	21.4249 A	H
Lead	21.4249 A	H
Copper	21.4249 A	H
METALS	21.4249 A	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	21.4249 A	M
URBAN RUNOFF/STORM SEWERS	21.4249 A	M

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Roger Williams Park Ponds**

Waterbody ID: RI0006017L-05

Waterbody Description: Roger Williams Park Ponds. Providence

Waterbody Type: L

Waterbody Size: 88.5815 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data collected in 1994 by the URI Watershed Watch Program indicated that these ponds were impaired for pathogens, dissolved oxygen, nutrients, and algal levels. Subsequent data for DO, nutrients and algal levels, were collected in 1998-1999 during a RIDEM TMDL supplemental monitoring project. The data showed total phosphorous, DO and algal levels were still violating criteria. Roger Williams Park Ponds is assessed as partially supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			88.5815		
AQUATIC LIFE SUPPORT			88.5815		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.2438 **Lake Longitude:** 41.4654

Trophic Status: H **O, M, E, H, D or O/M etc.** **Trend Size:** 88.5815

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 88.5815

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	88.5815 A	M
Phosphorus	88.5815 A	M
NUTRIENTS	88.5815 A	M
LOW DO	88.5815 A	M
PATHOGENS	88.5815 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
RECREATIONAL AND TOURISM ACTIVITIES	88.5815 A	M
Highway/Road/Bridge Runoff	88.5815 A	M
URBAN RUNOFF/STORM SEWERS	88.5815 A	M

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Mashapaug Pond**

Waterbody ID: RI0006017L-06

Waterbody Type: L

Waterbody Size: 76.746 A

Waterbody Description: Mashapaug Pond. Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1999/2000 URI Watershed Watch (URIWW) data, NBC fecal and metals data from 1999, and data from the 2001 RIDEM TMDL were all used to assess Mashapaug Pond. URIWW data showed total phosphorus and dissolved oxygen levels violated criteria. NBC data showed metals data were meeting criteria. TMDL data indicated exceedances of fecal coliform criteria. Mashapaug Pond is assessed as not supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				76.746	
AQUATIC LIFE SUPPORT				76.746	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 76.746

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 76.746

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Metals in sediments

Organics in sediments

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	76.746 A	M
EXCESS ALGAL GROWTH/CHL-	76.746 A	M
LOW DO	76.746 A	M
Phosphorus	76.746 A	M
NUTRIENTS	76.746 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	76.746 A	H
Highway/Road/Bridge Runoff	76.746 A	M
URBAN RUNOFF/STORM SEWERS	76.746 A	M

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Spectacle Pond**

Waterbody ID: RI0006017L-07

Waterbody Type: L

Waterbody Size: 38.8072 A

Waterbody Description: Spectacle Pond. Cranston

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 URI Watershed Watch (URIWW) data was used to assess Spectacle Pond for swimming and aquatic life use. Data collected showed violations of total phosphorus criteria, and the presence of excess algae. These factors caused the pond to be assessed as partially supporting aquatic life use. Fecal coliform data met swimming criteria, and Spectacle Pond is assessed as fully supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	38.8072				
AQUATIC LIFE SUPPORT			38.8072		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.2636 **Lake Longitude:** 41.4722

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 38.8072

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 38.8072

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
EXCESS ALGAL GROWTH/CHL-	38.8072 A	M
Phosphorus	38.8072 A	M
NUTRIENTS	38.8072 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Fenner Pond**

Waterbody ID: RI0006017L-08

Waterbody Type: L

Waterbody Size: 19.4706 A

Waterbody Description:
Fenner Pond. Cranston

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Fenner Pond, located in Cranston, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					19.4706
AQUATIC LIFE SUPPORT					19.4706

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 19.4706

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Sand Pond (N. of Airport)**

Waterbody ID: RI0006017L-09

Waterbody Description: Sand Pond (North of Airport). Warwick

Waterbody Type: L

Waterbody Size: 12.209 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 URI Watershed Watch data was used to assess Sand Pond for swimming and aquatic life use. Pathogen data collected met swimming criteria, and Sand Pond is assessed as fully supporting swimming use. Dissolved oxygen and total Phosphorus levels were exceeding criteria and levels of nutrients were elevated. Sand Pond is assessed as partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	12.209				
AQUATIC LIFE SUPPORT			12.209		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.2529 **Lake Longitude:** 41.4443

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 12.209

Trophic Trend: D **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 12.209

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	12.209 A	M
Phosphorus	12.209 A	M
NUTRIENTS	12.209 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
INTERNAL NUTRIENT CYCLING (primarily lak	12.209 A	M
Highway/Road/Bridge Runoff	12.209 A	M
URBAN RUNOFF/STORM SEWERS	12.209 A	M

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Furnace Hill Brook**

Waterbody ID: RI0006017R-01

Waterbody Type: R

Waterbody Size: 5.7214 M

Waterbody Description:
Furnace Hill Brook. Johnston, Cranston

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design data was used to assess Furnace Hill Brook. Because water chemistry data collected was from a single grab sample, the fully supporting aquatic life use assessment is considered evaluated. Because no fecal coliform data was collected, Furnace Hill Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					5.7214
AQUATIC LIFE SUPPORT	5.7214				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		5.7214	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Meshanticut Brook**

Waterbody ID: RI0006017R-02

Waterbody Type: R

Waterbody Size: 3.5459 M

Waterbody Description: Meshanticut Brook. Cranston, Warwick

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: An evaluated assessment for Meshanticut Brook was made from data collected from the 1990 Field Measurements of Water Quality in the Pawtuxet River study conducted by Applied Science Associates for the Cities of Warwick and Cranston and the Town of West Warwick. Meshanticut Brook is assessed as partially supporting for aquatic life use. Meshanticut Brook is considered unassessed for swimming.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.5459
AQUATIC LIFE SUPPORT			3.5459		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:		3.5459	
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Lead	3.5459 M	M
Copper	3.5459 M	M
METALS	3.5459 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	3.5459 M	M
Surface Mining	3.5459 M	M
RESOURCE EXTRACTION	3.5459 M	M

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Pawtuxet River Main Stem**

Waterbody ID: RI0006017R-03

Waterbody Type: R

Waterbody Size: 11.0171 M

Waterbody Description:
Pawtuxet River from the confluence of the North and South Branches at Riverpoint to the Pawtuxet Cove Dam at Pawtuxet. West Warwick, Warwick, Cranston

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
1999/2000 USGS data from 2 gaging stations (Cranston and Pawtuxet), Summer 2000 Random Sampling Design (RSD) data, 1999/2000 Rapid Bioassessment Protocol (RBP) data (collected at the Cranston gage), and 1999/2000 Artificial Substrate data (collected at both the Cranston and Pawtuxet gages) were used to assess the Main Stem of the Pawtuxet River. The RBP data collected at the Cranston gage, which is located upstream of the Cranston WWTF, showed a slightly impaired biological community in both 1999 and 2000. The artificial substrate data collected at the Cranston gage showed a moderately impaired biological community 1999, and slight impairments in 2000. A the Pawtuxet gage, artificial substrate collections were slightly impaired in both 1999 and 2000. Both gaging stations were found to have dissolved oxygen swings. The Pawtuxet River Main Stem is assessed as partially supporting aquatic life use. The fecal coliform data met swimming criteria, and the river is assessed as fully supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	11.0171				
AQUATIC LIFE SUPPORT			11.0171		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 5

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			11.0171
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	11.0171 M	M
LOW DO	11.0171 M	M
NUTRIENTS	11.0171 M	M
Lead	11.0171 M	M
METALS	11.0171 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	11.0171 M	M
URBAN RUNOFF/STORM SEWERS	11.0171 M	M
Major Municipal Point Source-dry and/or wet w	11.0171 M	M
MUNICIPAL POINT SOURCES	11.0171 M	M

Subbasin Name: *Pawtuxet River Main Stem & Tribs*

Waterbody Name: **Three Pond Brook**

Waterbody ID: RI0006017R-04

Waterbody Description: Three Pond Brook. Warwick

Waterbody Type: R

Waterbody Size: 2.0448 M

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: The original assessment for Three Pond Brook was from the ASA Pawtuxet River Study. That study found violations of copper and lead criteria. In 1999, copper and lead data was collected during the RIDEM TMDL study of this brook. This data was used to determine the current assessment for Three Pond Brook. Data showed that copper was meeting criteria but that violations of dissolved lead criteria were still occurring. Three Pond Brook is assessed as not supporting aquatic life use. Due to the lack of pathogen data, Three Pond Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.0448
AQUATIC LIFE SUPPORT				2.0448	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:		2.0448	

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Lead	2.0448 M	H
METALS	2.0448 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	2.0448 M	H
Highway/Road/Bridge Runoff	2.0448 M	H
Other Urban Runoff	2.0448 M	H
URBAN RUNOFF/STORM SEWERS	2.0448 M	H

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Oak Swamp Reservoir**

Waterbody ID: RI0006018L-01

Waterbody Description: Oak Swamp Reservoir. Johnston

Waterbody Type: L

Waterbody Size: 109.3616 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 2000/2001 RIDOH Bathing Beaches data, and 2000 URI Watershed Watch data were used to assess Oak Swamp Reservoir for swimming and aquatic life use. All data collected met criteria for both swimming and aquatic life. Oak Swamp Reservoir is assessed as fully supporting for both uses

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	109.3616				
AQUATIC LIFE SUPPORT	109.3616				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.3235 **Lake Longitude:** 41.4941

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 109.3616

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 109.3616

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Other Agencies/Organizations provided monitoring data

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Almy Reservoir**

Waterbody ID: RI0006018L-02

Waterbody Type: L

Waterbody Size: 52.9275 A

Waterbody Description:
Almy Reservoir. Johnston

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Almy Reservoir, located in Johnston, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					52.9275
AQUATIC LIFE SUPPORT					52.9275

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.3123 **Lake Longitude:** 41.4859

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 52.928

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Simmons Reservoir**

Waterbody ID: RI0006018L-03

Waterbody Type: L

Waterbody Size: 108.9682 A

Waterbody Description: Simmons Reservoir. Johnston

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: An evaluated assessment was made for Simmons Reservoir based on historical landuse information and DEM staff observations. Operations from the Central Landfill have elevated the nutrient, turbidity, siltation and algal levels in Simmons Reservoir. Simmons Reservoir is assessed as partially supporting aquatic life use. Due to the lack of pathogen data, swimming use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					108.9682
AQUATIC LIFE SUPPORT			108.9682		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.311 **Lake Longitude:** 41.4746

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 108.9682

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 108.9682

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Land use information and location of sources

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
TURBIDITY	108.9682 A	M
EXCESS ALGAL GROWTH/CHL-	108.9682 A	M
SILTATION	108.9682 A	M
Phosphorus	108.9682 A	M
NUTRIENTS	108.9682 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Landfills	108.9682 A	M
LAND DISPOSAL	108.9682 A	M
Erosion and Sedimentation	108.9682 A	M
Highway/Road/Bridge Runoff	108.9682 A	M
URBAN RUNOFF/STORM SEWERS	108.9682 A	M
AGRICULTURE	108.9682 A	M

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Randall Pond**

Waterbody ID: RI0006018L-04

Waterbody Description: Randall Pond. Cranston

Waterbody Type: L

Waterbody Size: 34.4391 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Randall Pond, located in Cranston, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					34.4391
AQUATIC LIFE SUPPORT					34.4391

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.2811 **Lake Longitude:** 41.4719

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 34.439

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Print Works Pond**

Waterbody ID: RI0006018L-05

Waterbody Description: Print Works Pond. Cranston

Waterbody Type: L

Waterbody Size: 26.2632 A

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Data collected in 1990, downstream on the Pocasset River by ASA during the Pawtuxet River study found levels of pathogens, TSS, total copper and chlorides were exceeding criteria. The pond was placed on the 1998 303(d) list for these parameters. Dissolved metals data collected in 1998/1999 during a RIDEM, TMDL supplemental sampling study indicated that the levels of dissolved copper met criteria, however, the levels of dissolved lead violated criteria. Copper was delisted and lead was added to the 2000 303(d) List. Print Works Pond remains on the Impaired Waters List for dissolved lead, pathogens, TSS and chlorides. Print Works Pond is assessed as partially supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			26.2632		
AQUATIC LIFE SUPPORT			26.2632		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2741 **Lake Longitude:** 41.4751

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 26.2632

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
SUSPENDED SOLIDS	26.2632 A	M
PATHOGENS	26.2632 A	M
CHLORIDES	26.2632 A	M
Lead	26.2632 A	M
METALS	26.2632 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	26.2632 A	M
URBAN RUNOFF/STORM SEWERS	26.2632 A	M

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Blackamore Pond**

Waterbody ID: RI0006018L-06

Waterbody Type: L

Waterbody Size: 20.4398 A

Waterbody Description: Blackamore Pond. Cranston

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Blackamore Pond, located in Cranston, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					20.4398
AQUATIC LIFE SUPPORT					20.4398

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Cedar Swamp Brook**

Waterbody ID: RI0006018R-01

Waterbody Type: R

Waterbody Size: 1.5363 M

Waterbody Description:
Cedar Swamp Brook. Johnston

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Monitoring data collected by the Rhode Island Resource Recovery Corporation (Johnston landfill), as required by the RIDEM Office of Waste Management, was used to assess Cedar Swamp Brook. The data, collected in 1998-1999, indicated exceedances of the iron, dissolved oxygen and fecal coliform water quality criteria. The brook is assessed as not supporting aquatic life and not supporting swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				1.5363	
AQUATIC LIFE SUPPORT				1.5363	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:		1.5363	
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Iron	1.5363 M	H
PATHOGENS	1.5363 M	H
LOW DO	1.5363 M	H
METALS	1.5363 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Landfills	1.5363 M	H
LAND DISPOSAL	1.5363 M	H

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Dry Brook**

Waterbody ID: RI0006018R-02A

Waterbody Type: R

Waterbody Size: 1.329 M

Waterbody Description:
Dry Brook from the outlet of Oak Swamp Reservoir to a point 0.3 miles below Almy Reservoir at the discharge point of Medical Homes of R.I., excluding Almy Reservoir. Johnston

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of Dry Brook, located from the outlet of Oak Swamp Reservoir to a point 0.3 miles below Almy Reservoir at the discharge point of Medical Homes of RI, excluding Almy Reservoir, in Johnston, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.329
AQUATIC LIFE SUPPORT					1.329

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Dry Brook**

Waterbody ID: RI0006018R-02B

Waterbody Type: R

Waterbody Size: 1.597 M

Waterbody Description:
Dry Brook from a point 0.3 miles below Almy Reservoir to its confluence with the Pocasset River. Johnston

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of Dry Brook located from a point 0.3 miles below Almy Reservoir to its confluence with the Pocasset River in Johnston, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.597
AQUATIC LIFE SUPPORT					1.597

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Pocasset River**

Waterbody ID: RI0006018R-03

Waterbody Type: R

Waterbody Size: 11.3172 M

Waterbody Description: Pocasset River. Johnston

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: The USGS Stream Monitoring Project conducted in 1989 indicated exceedances of the fecal coliform criteria for swimming use in the Pocasset River. No new fecal coliform data has been collected therefore, the river remains assessed as partially supporting swimming use. RIDEM TMDL supplemental data collected in 1998-1999 indicated that levels of dissolved lead still exceeded criteria as was seen in the River Rescue Pawtuxet River study (1994). Summer 2000 Random Sampling Design data collected once at three stations along the Pocasset River did not show elevated levels of dissolved lead. It was determined that this limited recent data was not enough information to delist the Pocasset River for lead. The Pocasset River is assessed as partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			11.3172		
AQUATIC LIFE SUPPORT			11.3172		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		11.3172	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	11.3172 M	M
Lead	11.3172 M	M
METALS	11.3172 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Landfills	11.3172 M	M
LAND DISPOSAL	11.3172 M	M
Highway/Road/Bridge Runoff	11.3172 M	M
URBAN RUNOFF/STORM SEWERS	11.3172 M	M

Subbasin Name: *Pocasset River & Tribs*

Waterbody Name: **Simmons Brook**

Waterbody ID: RI0006018R-04

Waterbody Type: R

Waterbody Size: 2.2969 M

Waterbody Description: Simmons Brook. Johnston

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: An evaluated assessment was made for Simmons Brook for swimming use based on historical data. Simmons Brook is assessed as not supporting swimming use, and unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				2.2969	
AQUATIC LIFE SUPPORT					2.2969

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Monitoring data more than 5 years old

Land use information and location of sources

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	2.2969 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Landfills	2.2969 M	M
LAND DISPOSAL	2.2969 M	M

Subbasin Name: *Seekonk River*

Waterbody Name: **Seekonk River**

Waterbody ID: RI0007019E-01

Waterbody Type: E

Waterbody Size: 1.0145 S

Waterbody Description:
Seekonk River from the Slater Mill Dam at Main Street in Pawtucket to India Point in Providence. Pawtucket, Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: DEM's TMDL data and pathogen data collected by the Narragansett Bay Commission were used to assess the Seekonk River. DEM TMDL work showed that the river has low DO, excess algal growth and elevated nutrients. The fecal coliform levels exceed the swimming criteria. The river is not supporting aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				1.0145	
AQUATIC LIFE SUPPORT				1.0145	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	1.0145 S	H
PATHOGENS	1.0145 S	H
LOW DO	1.0145 S	H
NUTRIENTS	1.0145 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	1.0145 S	H
URBAN RUNOFF/STORM SEWERS	1.0145 S	H
COMBINED SEWER OVERFLOW	1.0145 S	H
Major Municipal Point Source-dry and/or wet w	1.0145 S	H
MUNICIPAL POINT SOURCES	1.0145 S	H

Subbasin Name: *Providence River*

Waterbody Name: **Providence River**

Waterbody ID: RI0007020E-01A

Waterbody Type: E

Waterbody Size: 4.73 S

Waterbody Description:
Providence River south of a line from a point on shore due east of Naushon Avenue in Warwick to the western terminus of Beach Road in East Providence and north of a line from Conimicut Point in Warwick to Old Tower at Nayatt Point in Barrington. East Providence, Warwick, Barrington

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
Data collected from the 1995/1996 and 1998 Providence-Seekonk River Fecal Coliform Monitoring Project, Summer 2001 dissolved oxygen survey project, and 1999/2000/2001 RIDOH Bathing Beaches surveys were used to assess this lower portion of the Providence River for swimming and aquatic life use. Fecal coliform data indicated occasional violations of criteria, therefore, this portion of the Providence River is assessed as partially supporting swimming use. Dissolved oxygen data collected during the summers of 2000 and 2001 violated criteria, and therefore, the river is assessec as not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			4.73		
AQUATIC LIFE SUPPORT				4.73	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	4.73 S	H
EXCESS ALGAL GROWTH/CHL-	4.73 S	H
LOW DO	4.73 S	H
NUTRIENTS	4.73 S	H
METALS	4.73 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	4.73 S	M
URBAN RUNOFF/STORM SEWERS	4.73 S	M
COMBINED SEWER OVERFLOW	4.73 S	H

Subbasin Name: *Providence River*

Waterbody Name: **Providence River**

Waterbody ID: RI0007020E-01B

Waterbody Type: E

Waterbody Size: 3.61 S

Waterbody Description:
Providence River from its confluence with the Moshassuck and Woonasquatucket Rivers in Providence south and south of a line from India Point to Bold Point (across the mouth of the Seekonk River), to a line extending from a point on shore due east of Naushon Avenue in Warwick to the western terminus of Beach Road in East Providence, including Watchemoket Cove. East Providence, Providence, Cranston and Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
Data collected during the 1995/1996 and 1998 Providence-Seekonk River Pathogen Monitoring Study and Summer 2001 Dissolved oxygen surveys were used to assess this upper portion of the Providence River for swimming and aquatic life use. Pathogen data collected violated swimming criteria, and therefore, this portion of the Providence River is assessed as not supporting swimming use. The dissolved oxygen surveys conducted in 2000 and 2001 showed violations of DO criteria. This portion of the Providence River is also impaired for total metals from data collected during a Narragansett Bay Estuarine Program monitoring study conducted in the late 1980's. This portion of the Providence River is assessed as not supporting Aquatic Life Use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				3.61	
AQUATIC LIFE SUPPORT				3.61	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Metals in water column

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	3.61 S	H
LOW DO	3.61 S	H
NUTRIENTS	3.61 S	M
METALS	3.61 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	3.61 S	H
URBAN RUNOFF/STORM SEWERS	3.61 S	H
COMBINED SEWER OVERFLOW	3.61 S	H
Major Municipal Point Source-dry and/or wet w	3.61 S	H
MUNICIPAL POINT SOURCES	3.61 S	H

Subbasin Name: *Providence River*

Waterbody Name: **Brickyard Pond**

Waterbody ID: RI0007020L-02

Waterbody Type: L

Waterbody Size: 84.0623 A

Waterbody Description:
Brickyard Pond. Barrington

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data collected in 1999 by URI Watershed Watch was used to assess Brickyard Pond. Brickyard Pond has been monitored by URI Watershed Watch since 1994. Total phosphorus values were meeting criteria but were close to exceeding. Dissolved oxygen levels were anoxic for most of the summer in 1999. Because of its proximity to the Bay, the pond is influenced by marine waters which may influence the water quality of the pond. Further sampling will help determine if this is a trend or saltwater influences. Overall, Brickyard Pond is characterized as a mesotrophic waterbody. Low fecal coliform and E. coli bacteria levels indicated that Brickyard Pond was safe for all recreational use. Brickyard Pond is assessed as fully supporting for swimming use and partially supporting for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	84.0623				
AQUATIC LIFE SUPPORT			84.0623		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.191 **Lake Longitude:** 41.443

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 84.0623

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 84.0623

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	84.0623 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	84.0623 A	M
URBAN RUNOFF/STORM SEWERS	84.0623 A	M

Subbasin Name: *Providence River*

Waterbody Name: **Posnegansett Pond**

Waterbody ID: RI0007020L-04

Waterbody Description: Posnegansett Pond. Warwick

Waterbody Type: L

Waterbody Size: 13.3485 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Posnegansett Pond was originally listed as impaired (1998 303(d) List) for elevated nutrient levels and low DO. RIDEM TMDL supplemental sampling conducted in 1998-1999 indicated that the total phosphorous levels and the dissolve oxygen are meeting criteria. The pond was delisted from the 303(d) list in 2000 and remains fully supporting Aquatic life use and unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					13.3485
AQUATIC LIFE SUPPORT	13.3485				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.2424 **Lake Longitude:** 41.4458

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 13.3485

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Providence River*

Waterbody Name: **Prince's Pond (Tiffany Pond)**

Waterbody ID: RI0007020L-06

Waterbody Description: Prince's Pond (Tiffany Pond). Barrington

Waterbody Type: L

Waterbody Size: 8.0787 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Prince's Pond, also known as Tiffany Pond, is located in the town of Barrington. Prince's Pond is relatively small, with an area of approximately 8 acres. The maximum depth is just over 4 meters. Prince's Pond, which has been monitored since 1994 by the URI Watershed Watch Program, has exhibited significantly degraded water quality and is classified as hypereutrophic. Data collected in 1999 and 2000 by the URI Watershed Watch Program was used for this assessment of Prince's Pond. Fecal coliform data met swimming criteria, and Prince's Pond is assessed as fully supporting for swimming use. Dissolved oxygen and total phosphorus levels continually violated criteria, and therefore, Prince's Pond is assessed as not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	8.0787				
AQUATIC LIFE SUPPORT				8.0787	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** _____ **Lake Longitude:** _____

Trophic Status: H **O, M, E, H, D or O/M etc.** **Trend Size:** 8.0787

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 8.0787

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	8.0787 A	H
LOW DO	8.0787 A	H
Phosphorus	8.0787 A	H
NUTRIENTS	8.0787 A	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	8.0787 A	H
URBAN RUNOFF/STORM SEWERS	8.0787 A	H

Subbasin Name: *Providence River*

Waterbody Name: **Echo Lake**

Waterbody ID: RI0007020L-07

Waterbody Type: L

Waterbody Size: 24.3927 A

Waterbody Description:
Echo Lake. Barrington

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Echo Lake, located in Barrington, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					24.3927
AQUATIC LIFE SUPPORT					24.3927

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 24.3927

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Providence River*

Waterbody Name: **Mussuchuck Creek**

Waterbody ID: RI0007020R-01

Waterbody Type: R

Waterbody Size: 1.4621 M

Waterbody Description: Mussuchuck Creek. Barrington

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mussuchuck Creek, which is located in Barrington, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.4621
AQUATIC LIFE SUPPORT					1.4621

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Providence River*

Waterbody Name: **Annawomscott Brook**

Waterbody ID: RI0007020R-02

Waterbody Type: R

Waterbody Size: 2.9545 M

Waterbody Description:
Annawomscott Brook. East Providnece, Barrington

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Annawomscott Brook, which travels through East Providence and Barrington, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.9545
AQUATIC LIFE SUPPORT					2.9545

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Barrington & Runnins Rivers*

Waterbody Name: **Barrington River**

Waterbody ID: RI0007021E-01A

Waterbody Type: E

Waterbody Size: 0.9548 S

Waterbody Description:
Barrington River from the Mobil Dam in East Providence to the East Bay Bike Path trestle in Barrington approximately 2500 feet north of the confluence with the Palmer River. East Providence, Barrington

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: The 1997/1998 RIDEM Shellfish Growing Area Monitoring data, RIDEM TMDL data for the Barrington, Palmer, and Warren Rivers, and data from various projects on the Runnins River were utilized to develop the assessment for this portion of the Barrington River. The entire river, including Hundred Acre Cove, is permanently closed to shellfishing and is assessed as not supporting the shellfishing use. Data indicated that the swimming use is fully supporting. Water chemistry data collected by the RIDEM TMDL project, which included nutrients, DO, salinity and temperature, indicated that the river is fully supporting aquatic life use. Potential sources of pollution to this river are from the upstream Runnins River.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.9548	
SWIMMABLE	0.9548				
AQUATIC LIFE SUPPORT	0.9548				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: N **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.9548 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Onsite Wastewater Systems (Septic Tanks)	0.9548 S	M
LAND DISPOSAL	0.9548 S	M
Highway/Road/Bridge Runoff	0.9548 S	M
URBAN RUNOFF/STORM SEWERS	0.9548 S	M
AGRICULTURE	0.9548 S	M
Major Municipal Point Source-dry and/or wet w	0.9548 S	M
MUNICIPAL POINT SOURCES	0.9548 S	M

Subbasin Name: *Barrington & Runnins Rivers*

Waterbody Name: **Barrington River**

Waterbody ID: RI0007021E-01B

Waterbody Type: E

Waterbody Size: 0.0615 S

Waterbody Description:
Barrington River from the East Bay Bike Path trestle, south approximately 2500 feet to the confluence with the Palmer River. Barrington

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The 1997/1998 RIDEM Shellfish Growing Area Monitoring data, RIDEM TMDL data for the Barrington, Palmer, and Warren Rivers, and data from various projects on the Runnins River were utilized to develop the assessment for this portion of the Barrington River. RIDEM shellfish data indicated that the swimming use is fully supporting. Water chemistry collected by the RIDEM TMDL project which included nutrients, DO, salinity and temperature, indicated that the river is fully supporting aquatic life use. Potential sources of pollution to this lower section of the river are from the upstream Runnins River and the nearby approved wastewater discharges.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0615				
AQUATIC LIFE SUPPORT	0.0615				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: N **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Barrington & Runnins Rivers*

Waterbody Name: **Runnins River**

Waterbody ID: RI0007021R-01

Waterbody Type: R

Waterbody Size: 2.2903 M

Waterbody Description:
Runnins River from the MA-RI border to the Mobil Dam in East Providence. Providence, East Providence

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 Rapid Bioassessment Protocol (RBP) data, RIDEM's TMDL work, and 2000/2001 Pokanoket Watershed Alliance data were used to assess Runnins River. Data collected previously under the Mobil Corporation site remediation project was carried through in this assessment. RBP data showed a slightly impaired biological community in 1999, and a moderately impaired community in 2000. The physical habitat was found to be fully supporting. Previous data indicated that the river is violating lead and dissolved oxygen criteria. Aquatic life use is assessed as partially supporting. Pathogen data was shown to violate criteria during both dry and wet weather, therefore, the Runnin River is assessed as not supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				2.2903	
AQUATIC LIFE SUPPORT			2.2903		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			2.2903
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	2.2903 M	H
PATHOGENS	2.2903 M	H
LOW DO	2.2903 M	M
Lead	2.2903 M	M
METALS	2.2903 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	2.2903 M	M
NATURAL SOURCES	2.2903 M	M
Hazardous Waste	2.2903 M	M
Onsite Wastewater Systems (Septic Tanks)	2.2903 M	M
LAND DISPOSAL	2.2903 M	M
Highway/Road/Bridge Runoff	2.2903 M	M
URBAN RUNOFF/STORM SEWERS	2.2903 M	M

Subbasin Name: *Palmer River*

Waterbody Name: **Palmer River**

Waterbody ID: RI0007022E-01A

Waterbody Type: E

Waterbody Size: 0.7329 S

Waterbody Description:
Palmer River from the MA-RI border to the East Bay Bike Path trestle in Warren, approximately 2500 feet north of the confluence with the Barrington River. Warren, Barrington

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999/2000 RIDEM Shellfish data, and TMDL data were used to assess this portion of the Palmer River for shellfishing, swimming, and aquatic life uses. Pathogen data was found to be violating criteria for shellfishing use, and this portion of the Palmer River is assessed as not supporting for shellfishing and partially supporting for swimming use. Dissolved oxygen levels were also violating criteria, and the Palmer is assessed as not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.7329	
SWIMMABLE			0.7329		
AQUATIC LIFE SUPPORT				0.7329	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: N **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.7329 S	M
NUTRIENTS	0.7329 S	M
LOW DO	0.7329 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	0.7329 S	M
Onsite Wastewater Systems (Septic Tanks)	0.7329 S	M
INTENSIVE ANIMAL FEEDING OPERATIONS	0.7329 S	M
AGRICULTURE	0.7329 S	M

Subbasin Name: *Palmer River*

Waterbody Name: **Palmer River**

Waterbody ID: RI0007022E-01B

Waterbody Type: E

Waterbody Size: 0.043 S

Waterbody Description:
Palmer River from the East Bay Bike Path trestle in Warren, south approximately 2500 feet to the confluence with the Barrington River. Warren, Barrington

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 RIDEM Shellfish data, and RIDEM TMDL data were used to assess this portion of the Palmer River for swimming, and aquatic life uses. Pathogen data was found to be meeting criteria for swimming use, and this portion of the Palmer River is assessed as fully supporting for swimming use. Dissolved oxygen levels were also meeting criteria, and the Palmer is assessed as fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.043				
AQUATIC LIFE SUPPORT	0.043				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Warren River*

Waterbody Name: **Warren River**

Waterbody ID: RI0007023E-01A

Waterbody Type: E

Waterbody Size: 0.0927 S

Waterbody Description:
Warren River from the confluence with the Barrington and Palmer Rivers, approximately 2500 feet south of the East Bay Bike Path trestles, south to a line between the concrete jetty at the north end of the Warren Town Beach through Nun Buoy 18 and its extension to the Barrington Shore. Barrington, Warren

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 RIDEM TMDL study data and 2000/2001 RIDOH Bathing Beach data were used to assess this portion of the Warren River for swimming and aquatic life use. All pathogen data collected met swimming criteria, and Warren River is assessed as fully supporting swimming use. TMDL data showed aquatic life use is fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0927				
AQUATIC LIFE SUPPORT	0.0927				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: N **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Warren River*

Waterbody Name: **Warren River**

Waterbody ID: RI0007023E-01B

Waterbody Type: E

Waterbody Size: 0.0242 S

Waterbody Description:
Warren River waters south of a line from the concrete jetty at the north end of th Warren Town Beach through Nun Bouy 18 and its extension to the Barrington shore and north of a line from Adams Point in Barrington to Jacobs Point in Warren. Warren, Barrington

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 RIDEM TMDL data, and 2000/2001 RIDOH Bathing Beach data were used to assess this portion of the Warren River for swimming and aquatic life use. All pathogen data collected met swimming criteria, and Warren River is assessed as fully supporting swimming use. TMDL data showed aquatic life use is fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0242				
AQUATIC LIFE SUPPORT	0.0242				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: N **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Upper Narragansett Bay*

Waterbody Name: **Upper Narragansett Bay**

Waterbody ID: RI0007024E-01

Waterbody Type: E

Waterbody Size: 14.93 S

Waterbody Description:
Upper Narra. Bay from Conimicut Pt-Nayatt Pt boundary south, including waters south of a line from Adams Pt, Barrington to Jacobs Pt, Warren, to a line from Warwick Point in Warwick through Providence Point on Prudence Island, to Popasquash Point in Bristol. Warwick, Barrington, Bristol, Portsmouth, Warren

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments:
RIDEM Greenwich Bay TMDL data, URI/GSO data collected from instrumented buoys, 2000/2001 RIDOH Bathing Beaches data, 2001 Dissolved Oxygen (DO) survey data, and RIDEM Shellfish Monitoring data were used to assess Upper Narragansett Bay. This area is conditionally closed to shellfishing due to high fecal coliform levels during wet weather events. DO survey data showed several violations of DO criteria in this area. The TMDL work showed elevated levels of inorganic nitrogen compounds. Data collected from URI/GSO fixed monitoring buoys showed high chlorophyll a levels. RIDOH Beaches pathogen data and fecal coliform data collected under the Shellfish program, met swimming criteria. Upper Narragansett Bay is assessed as fully supporting swimming use. Aquatic life use is assessed as not supporting. Sshellfishing use is assessed as partially supporting due to the conditional closure of the area.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING			14.93		
SWIMMABLE	14.93				
AQUATIC LIFE SUPPORT				14.93	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
NUTRIENTS	14.93 S	M
PATHOGENS	14.93 S	M
LOW DO	14.93 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	14.93 S	H
URBAN RUNOFF/STORM SEWERS	14.93 S	H
COMBINED SEWER OVERFLOW	14.93 S	H
Major Municipal Point Source-dry weather disc	14.93 S	H
Major Municipal Point Source-dry and/or wet w	14.93 S	H

Subbasin Name: *Upper Narragansett Bay*

Waterbody Name: **Old Mill Creek**

Waterbody ID: RI0007024E-02

Waterbody Type: E

Waterbody Size: 0.0332 S

Waterbody Description:
Old Mill Creek. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Old Mill Creek, which is located in Warwick, is unassessed for both swimming and aquatic life use. Because Old Mill Creek is permanently closed to shellfishing, this area is assessed as not supporting the shellfishing use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.0332	
SWIMMABLE					0.0332
AQUATIC LIFE SUPPORT					0.0332

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Occurrence of conditions judged to cause impairment

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.0332 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Onsite Wastewater Systems (Septic Tanks)	0.0332 S	H
LAND DISPOSAL	0.0332 S	H

Subbasin Name: *Upper Narragansett Bay*

Waterbody Name: **Sandy Pond (S. of Airport) (Little Pond)**

Waterbody ID: RI0007024L-01

Waterbody Description: Sandy Pond (Little Pond, south of airport). Warwick

Waterbody Type: L

Waterbody Size: 28.3417 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Sandy Pond, also known as Little Pond, is located in the city of Warwick. The pond has an approximate area of 28 acres and a maximum depth of 7.6 meters, which classifies it as a deep water body. Sandy Pond has been monitored since 1995 by the URI Watershed Watch Program, and is classified as a mesotrophic water body. 1999 and 2000 URI Watershed Watch data, and City of Warwick data were used to assess Sandy Pond for swimming and aquatic life use. City of Warwick fecal coliform data, collected at the beach area, showed that pathogens violated criteria, and Sandy Pond is assessed as partially supporting swimming use. All other data met criteria, and Sandy Pond is assessed as fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			28.3417		
AQUATIC LIFE SUPPORT	28.3417				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.242 **Lake Longitude:** 41.4224

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 28.3417

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 28.3417

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	28.3417 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	28.3417 A	M

Subbasin Name: *Upper Narragansett Bay*

Waterbody Name: **Warwick Pond**

Waterbody ID: RI0007024L-02

Waterbody Type: L

Waterbody Size: 84.7155 A

Waterbody Description: Warwick Pond. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Warwick Pond is located in the Narragansett Bay watershed in the city of Warwick. The 84 acre pond has an average depth of 4.3 meters and a maximum depth of 8 meters. It is classified as a deep water body. Monitoring of Warwick Pond began in 1995 by the URI Watershed Watch Program. 1999 and 2000 URI Watershed Watch data was used to assess Warwick Pond for swimming and aquatic life use. Pathogen data collected met swimming criteria, and Warwick Pond is assessed as fully supporting swimming use. Total phosphorus and dissolved oxygen data violated criteria, which caused Warwick Pond to be assessed as partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	84.7155				
AQUATIC LIFE SUPPORT			84.7155		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.2448 **Lake Longitude:** 41.4324

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 84.7155

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 84.7155

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	84.7155 A	M
LOW DO	84.7155 A	M
Phosphorus	84.7155 A	M
NUTRIENTS	84.7155 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	84.7155 A	M
Other Urban Runoff	84.7155 A	M
URBAN RUNOFF/STORM SEWERS	84.7155 A	M

Subbasin Name: *Upper Narragansett Bay*

Waterbody Name: **Buckeye Brook**

Waterbody ID: RI0007024R-01

Waterbody Type: R

Waterbody Size: 2.7879 M

Waterbody Description: Buckeye Brook. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Biological data from the 1999 and 2000 Rapid Bioassessment Protocol Project was used to assess Buckeye Brook. The biological monitoring data showed a slightly impaired community, and a non-supporting physical habitat in both 1999 and 2000. Potential sources of the impairment are from urban and road runoff, including runoff from nearby T.F. Green State Airport. The brook is assessed as partially supporting aquatic life use and not assessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.7879
AQUATIC LIFE SUPPORT			2.7879		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):**

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:	2.7879		
Not Supporting:			

LAKES

Public Lake?: **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: **O, M, E, H, D or O/M etc.** **Trend Size:**

Trophic Trend: **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity:

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	2.7879 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Hazardous Waste	2.7879 M	M
Landfills	2.7879 M	M
LAND DISPOSAL	2.7879 M	M
Highway/Road/Bridge Runoff	2.7879 M	M
URBAN RUNOFF/STORM SEWERS	2.7879 M	M

Subbasin Name: *Upper Narragansett Bay*

Waterbody Name: **Parsonage (Knowles) Brook**

Waterbody ID: RI0007024R-02

Waterbody Type: R

Waterbody Size: 0.7433 M

Waterbody Description:
Parsonage (Knowles) Brook. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Parsonage Brook, also known as Knowles Brook which is located in Warwick, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.7433
AQUATIC LIFE SUPPORT					0.7433

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Upper Narragansett Bay*

Waterbody Name: **Lockwood Brook**

Waterbody ID: RI0007024R-03

Waterbody Type: R

Waterbody Size: 1.7014 M

Waterbody Description: Lockwood Brook. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design data was used to assess Lockwood Brook for aquatic life use. Water chemistry data collected showed Lockwood Brook met criteria and is assessed as fully supporting aquatic life use. Since no pathogen data was collected, Lockwood Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.7014
AQUATIC LIFE SUPPORT	1.7014				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.7014	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Upper Narragansett Bay*

Waterbody Name: **Warner Brook**

Waterbody ID: RI0007024R-04

Waterbody Type: R

Waterbody Size: 0.942 M

Waterbody Description:
Warner Brook. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Warner Brook, located in Warwick, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.942
AQUATIC LIFE SUPPORT					0.942

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Apponaug Cove**

Waterbody ID: RI0007025E-01

Waterbody Type: E

Waterbody Size: 0.3155 S

Waterbody Description:
Apponaug Cove waters north and west of a line from the RIDEM range marker located at the end of Neptune Lane in Chepiwanoxet to the RIDEM range marker located at Cedar Tree Point. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments:
RIDEM Shellfish Growing Area monitoring data, the 1993 FDA Greenwich Bay Report, 2001 RIDEM Greenwich Bay Report, and Dissolved Oxygen (DO) surveys coordinated by RIDEM's Narragansett Bay Estuarine Program during the summers of 1999 and 2001 were all used to assess Apponaug Cove. The cove is classified as SB and, therefore, does not have shellfishing as a designated use. Data indicated that the swimming use is fully supporting as fecal coliform counts meet the SB criteria. Draft information collected in conjunction with the Greenwich Bay initiative, indicate that the area contains low quality benthic organisms (pollutant tolerant) and has low dissolved oxygen and excess algal growth. DO surveys coordinated by the NBEP during the summer of 1999 and 2001, indicated DO levels below 3 mg/l at the mouth of the cove. DEM staff noted excess algal growth in the cove indicating elevated levels of nutrients. The cove is assessed as not supporting aquatic life uses. In the summer of 2001, Apponaug Cove experienced a multi-species fish kill that resulted in thousands of fatalities. Some of the species included shrimp and flounder. The kill was believed to be due to macroalgae decompostion which led to dissolved oxygen depletion in the Cove.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.3155				
AQUATIC LIFE SUPPORT				0.3155	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	0.3155 S	M
LOW DO	0.3155 S	M
NUTRIENTS	0.3155 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
MARINAS AND RECREATIONAL BOATING	0.3155 S	M
Onsite Wastewater Systems (Septic Tanks)	0.3155 S	M
LAND DISPOSAL	0.3155 S	M
Highway/Road/Bridge Runoff	0.3155 S	M
URBAN RUNOFF/STORM SEWERS	0.3155 S	M
Major Municipal Point Source-dry and/or wet w	0.3155 S	M
MUNICIPAL POINT SOURCES	0.3155 S	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Brushneck Cove**

Waterbody ID: RI0007025E-02

Waterbody Type: E

Waterbody Size: 0.1176 S

Waterbody Description: Brushneck Cove. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data from the 1999/2000 RIDEM Shellfish Growing Area Monitoring Program and RIDEM TMDL pathogen study were used to assess Brushneck Cove. The entire cove, which is Classified as SA, permanently closed to shellfishing and therefore, the shellfishing use is considered not supporting. The data indicate no exceedances of the swimming criteria and therefore, the swimming use is assessed as fully supporting. The TMDL data indicated dissolved oxygen and nutrient problems at the mouth of the cove. Ulva beds are also found in the cove indicating nutrient loadings. The Cove is assessed as not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.1176	
SWIMMABLE	0.1176				
AQUATIC LIFE SUPPORT				0.1176	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.1176 S	M
LOW DO	0.1176 S	M
NUTRIENTS	0.1176 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Onsite Wastewater Systems (Septic Tanks)	0.1176 S	M
LAND DISPOSAL	0.1176 S	M
Highway/Road/Bridge Runoff	0.1176 S	M
URBAN RUNOFF/STORM SEWERS	0.1176 S	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Buttonwoods Cove**

Waterbody ID: RI0007025E-03

Waterbody Type: E

Waterbody Size: 0.0774 S

Waterbody Description: Buttonwoods Cove. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999-2000 RIDEM Shellfish Growing Area Monitoring data and Save the Bay (STB) dissolved oxygen data, and DEM staff observations, were used to develop the assessment for Buttonwoods Cove. The Cove is a permenantly closed shellfishing area, and is therefore assessed as not supporting for shellfishing use. The data collected indicated that the swimming use is fully supporting. STB dissolved oxygen data and DEM staff observations indicated low DO levels and ulva mats in the cove. This information was used to assess the cove as partially supporting for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING			0.0774		
SWIMMABLE	0.0774				
AQUATIC LIFE SUPPORT			0.0774		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.0774 S	M
LOW DO	0.0774 S	M
NUTRIENTS	0.0774 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Onsite Wastewater Systems (Septic Tanks)	0.0774 S	M
LAND DISPOSAL	0.0774 S	M
Highway/Road/Bridge Runoff	0.0774 S	M
URBAN RUNOFF/STORM SEWERS	0.0774 S	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Greenwich Bay**

Waterbody ID: RI0007025E-04A

Waterbody Type: E

Waterbody Size: 3.05 S

Waterbody Description:
Greenwich Bay waters north and west of a line from the eastern extremity of Sandy Pt. on Potowomut Neck, East Greenwich, to the flag pole located at the Warwick Country Club on Warwick Neck, east of a line from the northerly point of Long Point to the southerly point of Chepiwanoxet Point, and east of a line from the northern extremity of Chepiwanoxet Point to the extension of Capron Farm Drive in Nausauket. Warwick, East Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 2000/2001 RIDOH Bathing Beaches data, 2000 RIDEM Greenwich Bay TMDL data, and Summer 2001dissolved oxygen (DO) surveys collected by the Narragansett Bay Estuary Program were used to assess Greenwich Bay. This portion of Greenwich Bay is conditionally closed to shellfishing, causing it to be assessed as partially supporting shellfishing use. Beaches data and shellfish monitoring data indicated that fecal coliform criteria is being met, and Greenwich Bay is assessed as fully supporting swimming use. DO surveys showed moderate to low dissolved oxygen counts whic caused Greenwich Bay to be assessed as partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING			3.05		
SWIMMABLE	3.05				
AQUATIC LIFE SUPPORT			3.05		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	3.05 S	M
LOW DO	3.05 S	M
NUTRIENTS	3.05 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
GROUNDWATER LOADINGS	3.051 S	M
MARINAS AND RECREATIONAL BOATING	3.05 S	M
Onsite Wastewater Systems (Septic Tanks)	3.05 S	M
LAND DISPOSAL	3.05 S	M
Highway/Road/Bridge Runoff	3.05 S	M
URBAN RUNOFF/STORM SEWERS	3.05 S	M
Major Municipal Point Source-dry and/or wet w	3.05 S	M
MUNICIPAL POINT SOURCES	3.05 S	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Greenwich Bay**

Waterbody ID: RI0007025E-04B

Waterbody Type: E

Waterbody Size: 0.45 S

Waterbody Description:
Greenwich Bay waters west of a line from the northern extremity of Chepiwanoxet Point to the extension of Capron Farm Drive in Nausauket, and east of a line from the RIDEM range marker located at the end of Neptune Lane in Chepiwanoxet to the RIDEM range marker located at Cedar Tree Point. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?:

Assessment Comments: 2000/2001 RIDOH Bathing Beaches data, 2000 RIDEM Greenwich Bay TMDL data, and Summer 2001dissolved oxygen (DO) surveys collected by the Narragansett Bay Estuary Program were used to assess Greenwich Bay. This portion of Greenwich Bay is permanently closed to shellfishing, causing it to be assessed as not supporting shellfishing use. Beaches data and shellfish monitoring data indicated that fecal coliform criteria is being met, and Greenwich Bay is assessed as fully supporting swimming use. DO surveys showed moderate to low dissolved oxygen counts which caused Greenwich Bay to be assessed as partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.45	
SWIMMABLE	0.45				
AQUATIC LIFE SUPPORT			0.45		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.45 S	M
LOW DO	0.45 S	M
NUTRIENTS	0.45 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
GROUNDWATER LOADINGS	0.45 S	M
MARINAS AND RECREATIONAL BOATING	0.45 S	M
Onsite Wastewater Systems (Septic Tanks)	0.45 S	M
LAND DISPOSAL	0.45 S	M
Highway/Road/Bridge Runoff	0.45 S	M
URBAN RUNOFF/STORM SEWERS	0.45 S	M
Major Municipal Point Source-dry and/or wet w	0.45 S	M
MUNICIPAL POINT SOURCES	0.45 S	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Greenwich Cove**

Waterbody ID: RI0007025E-05A

Waterbody Type: E

Waterbody Size: 0.3 S

Waterbody Description: Greenwich Cove south of Long Point. East Greenwich, Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999/2000 RIDEM Shellfish data, RIDEM Greenwich Bay TMDL data, and Summer 1999 Dissolved oxygen (DO) study data were used to assess this portion of Greenwich Cove(GC). Fecal coliform data met swimming criteria and GC is assessed as fully supporting swimming use. Low DO and elevated nutrient levels caused this portion of GC to be assessed as not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.3				
AQUATIC LIFE SUPPORT				0.3	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	0.3 S	M
NUTRIENTS	0.3 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Landfills	0.3 S	M
LAND DISPOSAL	0.3 S	M
Highway/Road/Bridge Runoff	0.3 S	M
URBAN RUNOFF/STORM SEWERS	0.3 S	M
Major Municipal Point Source-dry and/or wet w	0.3 S	M
MUNICIPAL POINT SOURCES	0.3 S	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Greenwich Cove**

Waterbody ID: RI0007025E-05B

Waterbody Type: E

Waterbody Size: 0.1127 S

Waterbody Description:
Greenwich Cove north of Long Point and west of a line extending from the northerly point of Long Point to the southerly point of Chepiwanoxet Peninsula. East Greenwich, Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999/2000 RIDEM Shellfish data, RIDEM Greenwich Bay TMDL data, and Summer 1999 Dissolved oxygen (DO) study data were used to assess this portion of Greenwich Cove(GC). Shellfish data collected met pathogen criteria and GC is assessed as fully supporting swimming use. DO and nutrient data collected caused this portion of GC to be assessed as not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.1127				
AQUATIC LIFE SUPPORT				0.1127	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	0.1127 S	M
NUTRIENTS	0.1127 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
MARINAS AND RECREATIONAL BOATING	0.1127 S	M
Onsite Wastewater Systems (Septic Tanks)	0.1127 S	M
LAND DISPOSAL	0.1127 S	M
Highway/Road/Bridge Runoff	0.1127 S	M
URBAN RUNOFF/STORM SEWERS	0.1127 S	M
Major Municipal Point Source-dry and/or wet w	0.1127 S	M
MUNICIPAL POINT SOURCES	0.1127 S	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Warwick Cove**

Waterbody ID: RI0007025E-06A

Waterbody Type: E

Waterbody Size: 0.1842 S

Waterbody Description:
Warwick Cove north of a line from the easternmost extension of Burr Avenue on Horse Neck to the westernmost extension of Meadow Avenue on the east shore. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Sea Grant dissolved oxygen data, summer 1999 dissolved oxygen (DO) survey data and RIDEM Shellfish Monitoring data were used to assess this portion of Warwick Cove for swimming and aquatic life use. Pathogen data collected met swimming criteria, and Warwick Cove is assessed as fully supporting swimming use. Limited 1999 DO Survey data showed DO levels were meeting criteria, however, Warwick Cove is assessed as partially supporting aquatic life use based on more conclusive low DO levels collected from the earlier Sea Grant Study.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.1842				
AQUATIC LIFE SUPPORT			0.1842		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	0.1842 S	M
NUTRIENTS	0.1842 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
MARINAS AND RECREATIONAL BOATING	0.1842 S	M
Onsite Wastewater Systems (Septic Tanks)	0.1842 S	M
LAND DISPOSAL	0.1842 S	M
Highway/Road/Bridge Runoff	0.1842 S	M
URBAN RUNOFF/STORM SEWERS	0.1842 S	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Warwick Cove**

Waterbody ID: RI0007025E-06B

Waterbody Type: E

Waterbody Size: 0.0376 S

Waterbody Description:
Warwick Cove south of a line from the easternmost extension of Burr Avenue on Horse Neck to the westernmost extension of Meadow Avenue on the east shore and north of a line from the southeastern most riprap jetty at the entrance of Warwick Cove, located at the southeastern end of Oakland Beach to the southern (landward) end of Dorr's Dock on Warwick Neck. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM Shellfishing Monitoring data and Sea Grant dissolved oxygen data were used to assess this portion of Warwick Cove for swimming, aquatic life and shellfishing use. This portion of Warwick Cove is permanently closed to shellfishing. Pathogen data collected met swimming criteria but not shellfishing criteria. Warwick Cove is assessed as fully supporting swimming use, and not supporting shellfishing use. Warwick Cove is assessed as partially supporting aquatic life use based on low DO levels collected from the Sea Grant Study.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.0376	
SWIMMABLE	0.0376				
AQUATIC LIFE SUPPORT			0.0376		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.0376 S	M
LOW DO	0.0376 S	M
NUTRIENTS	0.0376 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	0.0376 S	M
MARINAS AND RECREATIONAL BOATING	0.0376 S	M
Onsite Wastewater Systems (Septic Tanks)	0.0376 S	M
LAND DISPOSAL	0.0376 S	M
Highway/Road/Bridge Runoff	0.0376 S	M
URBAN RUNOFF/STORM SEWERS	0.0376 S	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Gorton Pond**

Waterbody ID: RI0007025L-01

Waterbody Type: L

Waterbody Size: 58.3003 A

Waterbody Description: Gorton Pond. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Gorton Pond is located in the Narragansett Bay watershed in the city of Warwick. The 58 acre pond has an average depth of 4.9 meters, and a maximum depth of 13.7 meters, which classifies it as a deep waterbody. URI Watershed Watch (URIWW) began monitoring Gorton Pond in 1995. Data collected in 1999 and 2000 by URIWW was used to make this assessment. Dissolved oxygen and total phosphorus levels were exceeding criteria. Therefore, Gorton Pond to be assessed as partially supporting aquatic life use. Pathogen data met swimming criteria, and Gorton Pond is assessed as fully supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	58.3				
AQUATIC LIFE SUPPORT			58.3		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.2734 **Lake Longitude:** 41.4218

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 58.3

Trophic Trend: D **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 58.3

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	58.3 A	M
Phosphorus	58.3 A	M
NUTRIENTS	58.3 A	M
LOW DO	58.3 A	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
GROUNDWATER LOADINGS	58.3 A	M
Onsite Wastewater Systems (Septic Tanks)	58.3 A	M
LAND DISPOSAL	58.3 A	M
Highway/Road/Bridge Runoff	58.3 A	M
URBAN RUNOFF/STORM SEWERS	58.3 A	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Hardig Brook**

Waterbody ID: RI0007025R-01

Waterbody Type: R

Waterbody Size: 3.8554 M

Waterbody Description:
Hardig Brook. West Warwick, Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Data collected from the Hardig Brook TMDL, 1997 Rapid Bioassessment Protocol Data, and 1999 and 2000 Chemical Baseline data were used to assess Hardig Brook. Biological monitoring has been conducted on Hardig Brook since 1992, and chemical monitoring since 1993. TMDL data collected found wet weather pathogens were problematic, and violated criteria. Chemical data showed dissolved Pb levels were elevated and violated chronic criteria. Fecal coliform levels met criteria during dry weather. Hardig Brook is assessed as partially supporting for swimming use and not supporting for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			3.8554		
AQUATIC LIFE SUPPORT				3.8554	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	3.8554 M	M
PATHOGENS	3.8554 M	M
Lead	3.8554 M	M
METALS	3.8554 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	3.8554 M	M
NATURAL SOURCES	3.8554 M	M
Highway/Road/Bridge Runoff	3.8554 M	M
URBAN RUNOFF/STORM SEWERS	3.8554 M	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Cedar Brook**

Waterbody ID: RI0007025R-02

Waterbody Type: R

Waterbody Size: 1.7462 M

Waterbody Description:
Cedar Brook. West Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Cedar Brook was sampled as part of the Greenwich Bay Watershed Initiative: Water Quality Evaluation of Hardig Brook, January 1997. Three stations on Cedar Brook were monitored for fecal coliform. The data indicated the brook is fully supporting for swimming use. Since no other data is available the brook is unassessed for aquatic life use support status.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.7462				
AQUATIC LIFE SUPPORT					1.7462

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Maskerchugg River**

Waterbody ID: RI0007025R-03

Waterbody Type: R

Waterbody Size: 4.0031 M

Waterbody Description:
Maskerchugg River. Warwick, East Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Summer 2000 Random Sampling Design data, 1999 and 2000 Chemical Baseline data, and URI Watershed Watch data from a special study done in 1996 and 1997 were all used to assess Maskerchugg River. Chemical Baseline data showed dissolved copper, lead and cadmium were violating criteria. Maskerchugg River is assessed as not supporting aquatic life use. Fecal coliform data met swimming criteria. Maskerchugg River is assessed as fully supporting the swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	4.0031				
AQUATIC LIFE SUPPORT				4.0031	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			4.0031

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Lead	4.0031 M	M
Copper	4.0031 M	H
Cadmium	4.0031 M	M
METALS	4.0031 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	4.0031 M	M
URBAN RUNOFF/STORM SEWERS	4.0031 M	M
Highway/Road/Bridge Construction	4.0031 M	M
CONSTRUCTION	4.0031 M	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Dark Entry Brook**

Waterbody ID: RI0007025R-04

Waterbody Type: R

Waterbody Size: 2.1325 M

Waterbody Description:
Dark Entry Brook. Warwick, East Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Two stations on Dark Entry Brook were monitored as part of the Maskerchugg River Aqua Fund project conducted by URI Watershed Watch in 1996-1997. The data showed low levels of total and dissolved phosphorus and chlorides, acceptable levels of dissolved oxygen and fecal coliform. The brook is assessed as fully supporting for aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.1325				
AQUATIC LIFE SUPPORT	2.1325				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.1325	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Tuscatucket Brook**

Waterbody ID: RI0007025R-05

Waterbody Type: R

Waterbody Size: 1.333 M

Waterbody Description: Tuscatucket Brook. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data collected under the Greenwich Bay Initiative, including the 1999 Northern Watershed Loading Estimates to Greenwich Bay Report, and data collected by RIDEM as part of the Greenwich Bay TMDL, were used to assess Tuscatucket Brook for swimming use. Pathogen data collected showed swimming criteria violations and Tuscatucket Brook is assessed as partially supporting swimming use. Since no other data was collected, Tuscatucket Brook is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			1.333		
AQUATIC LIFE SUPPORT					1.333

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	1.333 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Onsite Wastewater Systems (Septic Tanks)	1.333 M	M
LAND DISPOSAL	1.333 M	M
Highway/Road/Bridge Runoff	1.333 M	M
URBAN RUNOFF/STORM SEWERS	1.333 M	M

Subbasin Name: *Greenwich Bay*

Waterbody Name: **Baker Creek**

Waterbody ID: RI0007025R-06

Waterbody Type: R

Waterbody Size: 0.545 M

Waterbody Description: Baker Creek. Warwick

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: The Greenwich Bay Initiative: Northern Watersheds Loading Estimates to Greenwich Bay Report July 1999, conducted by URI for the City of Warwick, was used to assess Baker Creek. Due to limited data, aquatic life was not assessed. Fecal coliform data showed that Baker Creek is not supporting for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				0.545	
AQUATIC LIFE SUPPORT					0.545

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.545 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	0.545 M	M
Highway/Road/Bridge Runoff	0.545 M	M
URBAN RUNOFF/STORM SEWERS	0.545 M	M

Subbasin Name: *Bristol Harbor*

Waterbody Name: **Bristol Harbor**

Waterbody ID: RI0007026E-01A

Waterbody Type: E

Waterbody Size: 0.8518 S

Waterbody Description:
Bristol Harbor waters north of a line extending from Popasquash Point to the northernmost extremity of Hog Island and west of a line from the northernmost extremity of Hog Island to the northernmost indentation of the harbor and south of a line from Rockwell's Dock on Popasquash Neck to the Premier Thread Company water tower on the east shore of Bristol Harbor. Bristol

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish data and Summer 2001 Narragansett Bay Estuary Program Dissolved Oxygen Surveys were used to assess this portion of Bristol Harbor which is open to shellfishing. Shellfish data indicated that this area is fully meeting swimming and shellfishing standards. Dissolved oxygen surveys showed that the area is fully supporting aquatic life. This portion of Bristol Harbor is assessed as fully supporting shellfishing, swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.8518				
SWIMMABLE	0.8518				
AQUATIC LIFE SUPPORT	0.8518				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Bristol Harbor*

Waterbody Name: **Bristol Harbor**

Waterbody ID: RI0007026E-01B

Waterbody Type: E

Waterbody Size: 0.1779 S

Waterbody Description:
Bristol Harbor waters north of a line extending from Rockwell's Dock on Popasquash Neck to the Premier Thread Company water tower on the east shore of Bristol Harbor and west of a line from the northernmost extremity of Hog Island to the northernmost indentation of the harbor. Bristol

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of Bristol Harbor which is open to shellfishing. Shellfish data indicated that this area is fully supporting swimming and shellfishing uses. This portion of Bristol Harbor is assessed as fully supporting shellfishing and swimming use, and unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.1779				
SWIMMABLE	0.1779				
AQUATIC LIFE SUPPORT					0.1779

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Bristol Harbor*

Waterbody Name: **Bristol Harbor**

Waterbody ID: RI0007026E-01C

Waterbody Type: E

Waterbody Size: 0.8205 S

Waterbody Description:
Bristol Harbor waters east of a line extending from the northernmost indentation of Bristol Harbor to the northeast extremity of Hog Island and west of a line extending from McKee's Warf on Bristol Neck to the Coast Guard dock and north of a line extending from the northeast extremity of Hog Island to McKee's Wharf on Bristol Neck. Bristol

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Summer 2001 Narragansett Bay Estuary Program (NBEP) Dissolved Oxygen Surveys and RIDEM Shellfish growing area fecal coliform monitoring were used to assess this portion of Bristol Harbor. Dissolved oxygen surveys showed that the area is fully supporting aquatic life. This portion of Bristo Harbor is assessed as fully supporting swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.8205				
AQUATIC LIFE SUPPORT	0.8205				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Bristol Harbor*

Waterbody Name: **Bristol Harbor**

Waterbody ID: RI0007026E-01D

Waterbody Type: E

Waterbody Size: 0.1734 S

Waterbody Description:
Bristol harbor waters east of a line extending from McKee's Wharf north to the Coast Guard dock. Bristol

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of Bristol Harbor. Shellfish data indicated that this area is fully supporting swimming use. This portion of Bristol Harbor is assessed as fully supporting swimming use and unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.1734				
AQUATIC LIFE SUPPORT					0.1734

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Bristol Harbor*

Waterbody Name: **Silver Creek**

Waterbody ID: RI0007026R-01

Waterbody Type: R

Waterbody Size: 1.7285 M

Waterbody Description: Silver Creek. Bristol

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Summer 2000 Random Sampling Design (RSD) data, and 1999 & 2000 Rapid Bioassessment Protocol (RBP) data were used to assess Silver Creek for swimming and aquatic life use. RBP data showed a slightly impaired biological community in both 1999 and 2000. The physical habitat was found to be not supporting. However, the RSD data showed that all chemical criteria were met. Overall, Silver Creek is assessed as partially supporting aquatic life use due to biodiversity impacts. Due to the lack of pathogen data, Silver Creek is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.7285
AQUATIC LIFE SUPPORT			1.7285		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			1.7285
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	1.7285 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	1.7285 M	M
URBAN RUNOFF/STORM SEWERS	1.7285 M	M

Subbasin Name: *Bristol Harbor*

Waterbody Name: **Walker Creek**

Waterbody ID: RI0007026R-02

Waterbody Type: R

Waterbody Size: 0.8139 M

Waterbody Description:
Walker Creek. Bristol

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Walker Creek, located in Bristol, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.8139
AQUATIC LIFE SUPPORT					0.8139

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Allen's Harbor**

Waterbody ID: RI0007027E-01A

Waterbody Type: E

Waterbody Size: 0.0915 S

Waterbody Description:
Allen's Harbor waters north of a line extending from the westernmost indentation of the cove which is immediately north of the easternmost curve of Westcott Road to the northernmost point of land on the south side of the mouth of Allen's Harbor. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Fecal coliform data collected by the RIDEM Shellfish Program was used to assess this Class SA{b} area of Allen's Harbor. The fecal coliform data shows that the area is fully supporting swimming use. While the fecal coliform data is also in compliance with the shellfishing criteria, the area is permanently closed to shellfishing by policy due to the proximity of a hazardous waste site and landfill. The area is considered not supporting the shellfishing use. The area is considered unassessed for aquatic life.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.0915	
SWIMMABLE	0.0915				
AQUATIC LIFE SUPPORT					0.0915

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
TOTAL TOXICS	0.0915 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Hazardous Waste	0.0915 S	H
Landfills	0.0915 S	H
LAND DISPOSAL	0.0915 S	H

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Allen's Harbor**

Waterbody ID: RI0007027E-01B

Waterbody Type: E

Waterbody Size: 0.0255 S

Waterbody Description:
Allen's Harbor waters south and east of a line extending from the westernmost indentation of the cove which is immediately north of the easternmost curve of Westcott Road to the northernmost point of land on the south side of the mouth of Allen's Harbor. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Fecal coliform data collected by the RIDEM Shellfishing Program was used to assess this Class SB portion of Allen's Harbor. The area is fully supporting for swimming use and unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0255				
AQUATIC LIFE SUPPORT					0.0255

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Bissel Cove**

Waterbody ID: RI0007027E-02A

Waterbody Type: E

Waterbody Size: 0.1072 S

Waterbody Description:
Bissel Cove waters west of a line from the RIDEM Range marker on the north shore of Bissel Cove in the vicinity of 'The Homestead", to the range marker on the southern shore of Bissel Cove. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: This portion of Bissel Cove is permanently closed to shellfishing based on its history and is considered not supporting for shellfishing use. This portion of Bissel Cove is unassessed for swimming and aquatic life use because no data has been collected.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.1072	
SWIMMABLE					0.1072
AQUATIC LIFE SUPPORT					0.1072

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.1072 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.1072 S	H

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Bissel Cove**

Waterbody ID: RI0007027E-02B

Waterbody Type: E

Waterbody Size: 0.0113 S

Waterbody Description:
Bissel Cove waters east of a line from the RIDEM Range marker on the north shore of Bissel Cove in the vicinity of 'The Homestead", to the range marker on the southern shore of Bissel Cove. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of Bissel Cove which is open to shellfishing. The fecal coliform data collected just outside of the cove, indicates that the area is fully supporting the shellfishing use and swimming use. Since no other data was collected, this area is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.0113				
SWIMMABLE	0.0113				
AQUATIC LIFE SUPPORT					0.0113

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **West Passage**

Waterbody ID: RI0007027E-03A

Waterbody Type: E

Waterbody Size: 36.8486 S

Waterbody Description:
West Passage waters south of a line from the eastern extremity of Sandy point on Potowomut Neck, East Greenwich, to the flagpole located at the Warwick Country Club on Warwick Neck; south of a line from the southernmost extremity of Warwick Point on Warwick Neck, to the northern most point on Prudence Island (Providence Point); west of a line from the southern most point on Prudence Island to the northernmost point on Jamestown; and north of a line from Cormorant Point at the mouth of Pettaquamscutt River, Narragansett to Beavertail, Jamestown, excluding the West Passage waters, Allen's Harbor and Wickford Harbor waters described below. Warwick, East Greenwich, Portsmouth, North Kingstown, Jamestown, Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Summer 2001 Dissolved Oxygen surveys and RIDEM Shellfish Monitoring data were used to assess this portion of the West Passage for swimming, shellfishing, and aquatic life use. Pathogen data collected met both swimming and shellfishing criteria. Dissolved oxygen surveys showed DO levels were slightly low. These low levels are thought to be caused by low DO water coming from the Providence River and Greenwich Cove. Based on Best Professional Judgement, this portion of the West Passage is assessed as fully supporting aquatic life use. The swimming and shellfishing uses are also assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	36.8486				
SWIMMABLE	36.8486				
AQUATIC LIFE SUPPORT	36.8486				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **West Passage**

Waterbody ID: RI0007027E-03B

Waterbody Type: E

Waterbody Size: 0.2094 S

Waterbody Description:
West Passage waters in the vicinity of Piers No. 1 and No. 2 at the Davisville Depot that are south of a line from the northeast corner of Pier No. 2 (the more northerly pier at the Davisville Depot) to Nun Buoy 14, north of a line from the RIDEM range marker located on the bulkhead approximately 300 feet south of Pier No. 1 (the more southerly pier at the Davisville Depot) to Nun Buoy 12, including all waters between the above described lines that are west of a line and the extension of a line from the northeastern end of the bulkhead at Quonset State Airport through Nun Buoy 16, North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 RIDEM Shellfish data was used to assess this Class SB portion of the West Passage for swimming use. Fecal coliform data collected met swimming criteria, and the West Passage is assessed as fully supporting swimming use. Since no other data was collected this portion of the West Passage is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.2094				
AQUATIC LIFE SUPPORT					0.2094

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **West Passage**

Waterbody ID: RI0007027E-03C

Waterbody Type: E

Waterbody Size: 0.3806 S

Waterbody Description:
West Passage waters in the vicinity of Quonset Point within 1500 feet of shore from the western end of the carrier pier to a point 1000 feet north of Quonset Point. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 RIDEM Shellfish data was used to assess this Class SB1 portion of the West Passage for swimming use. Fecal coliform data collected met swimming criteria, and the West Passage is assessed as fully supporting swimming use. Since no other data was collected this portion of the West Passage is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.3806				
AQUATIC LIFE SUPPORT					0.3806

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **West Passage**

Waterbody ID: RI0007027E-03D

Waterbody Type: E

Waterbody Size: 1.2011 S

Waterbody Description:
West Passage waters in the vicinity of Quonset Point exclusive of those waters described above, north and east of the intersection of a line extending from Fourth Street, Sauga Point, North Kingstown, southeast to the northeastern most point on Fox Island and a line drawn from the Wickford Lighthouse to Buoy R 6, west of a line from Buoy R 6 to Nun Buoy 10, south of a line from Nun Buoy 10 through F G Buoy 11 extended to the shore. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 RIDEM Shellfish data was used to assess this Class SB portion of the West Passage for swimming use. Fecal coliform data collected met swimming criteria, and the West Passage is assessed as fully supporting swimming use. Since no other data was collected this portion of the West Passage is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.2011				
AQUATIC LIFE SUPPORT					1.2011

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **West Passage**

Waterbody ID: RI0007027E-03E

Waterbody Type: E

Waterbody Size: 0.0742 S

Waterbody Description:
West Passage waters in the vicinity of Quonset Point that are south of a line from the northeastern end of the bulkhead at Quonset State Airport to Nun Buoy 10; and north of a line from Nun Buoy 10 through F G Buoy 11 extended to the shore. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
1999/2000 RIDEM Shellfish data was used to assess this portion of the West Passage for shellfishing and swimming use. This portion of the West Passage is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and is therefore, permanently closed to shellfishing. Pathogen data collected met both swimming and shellfishing criteria, and the West Passage is assessed as fully supporting for both uses. Since no other data was collected, this portion of the West Passage is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.0742				
SWIMMABLE	0.0742				
AQUATIC LIFE SUPPORT					0.0742

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **West Passage**

Waterbody ID: RI0007027E-03F

Waterbody Type: E

Waterbody Size: 0.5159 S

Waterbody Description:
West Passage waters in the vicinity of Quonset Point that lie within the following intersection of lines: south of a line from the Wickford Lighthouse to Buoy R 6; west of a line from Fox Island to Nun Buoy 8; east and north of a line from the southerly extension of Second Street in the Sauga Point area in North Kingstown, to the western extremity of Sand Point on Jamestown. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 RIDEM Shellfish data was used to assess this portion of the West Passage for shellfishing and swimming use. This portion of the West Passage is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and is therefore, permanently closed to shellfishing. Pathogen data collected met both swimming and shellfishing criteria, and the West Passage is assessed as fully supporting for both uses. Since no other data was collected, this portion of the West Passage is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.5159				
SWIMMABLE	0.5159				
AQUATIC LIFE SUPPORT					0.5159

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **West Passage**

Waterbody ID: RI0007027E-03G

Waterbody Type: E

Waterbody Size: 0.0093 S

Waterbody Description:
West Passage waters in the vicinity of Sauga Point, North Kingstown defined by the intersection of a line from the southerly extension of Second Street in the Sauga Point area to the western extremity of Sand Point on Jamestown, with a line extending from Fourth Street in the Sauga Point area, southeast to the northeastern most point on Fox Island. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
1999/2000 RIDEM Shellfish data was used to assess this portion of the West Passage for shellfishing and swimming use. This portion of the West Passage is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and is therefore, permanently closed to shellfishing. Pathogen data collected met both swimming and shellfishing criteria, and the West Passage is assessed as fully supporting for both uses. Since no other data was collected, this portion of the West Passage is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.0093				
SWIMMABLE	0.0093				
AQUATIC LIFE SUPPORT					0.0093

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **West Passage**

Waterbody ID: RI0007027E-03H

Waterbody Type: E

Waterbody Size: 0.0304 S

Waterbody Description:
West Passage waters within a 700 foot radius of the extension of South Ferry Road at the URI Bay Campus, including the EPA dock located north of South Ferry Road and the GSO dock located south of South. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 RIDEM Shellfish Monitoring data was used to assess this portion of the West Passage for swimming use. Fecal coliform data collected met swimming criteria, and this portion of the West Passage is assessed as fully supporting swimming use. Based on best professional judgement by RIDEM staff, this portion of the West Passage is assessed as fully supporting for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0304				
AQUATIC LIFE SUPPORT	0.0304				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **West Passage**

Waterbody ID: RI0007027E-03I

Waterbody Type: E

Waterbody Size: 0.2048 S

Waterbody Description:
West Passage waters off Jamestown in the vicinity of West Ferry/Dutch Island Harbor, from a point on the shore of the western coast of Jamestown which is due east of the Dutch Island pier, to the Fort Getty Pier on Beaverhead Point, to a point at the southern terminus of Maple Avenue. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 RIDEM Shellfish data was used to assess this portion of the West Passage for shellfishing and swimming use. This portion of the West Passage is conditionally closed to shellfishing due to the close proximity of marinas and/or mooring fields. Pathogen data collected met both swimming and shellfishing criteria, and this portion of the West Passage is assessed as fully supporting for both uses. Based on best professional judgement by RIDEM staff, this portion of the West Passage is assessed as fully supporting for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.2048				
SWIMMABLE	0.2048				
AQUATIC LIFE SUPPORT	0.2048				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Wickford Harbor**

Waterbody ID: RI0007027E-04A

Waterbody Type: E

Waterbody Size: 0.3133 S

Waterbody Description:
Wickford Harbor outer waters and Fishing Cove east of a line extending from the northern extremity of Big Rock Point to the southern extremity of Cornelius Island, and east and north of a line extending from the northern extremity of Cornelius Island to a point 1000 feet north of Calf Neck, and west of Sauga Point breakwater and a line from the light at the southern end of Sauga Point breakwater to the northern end of the Poplar Point breakwater. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
1999/2000 RIDEM Shellfish Monitoring data and dissolved oxygen data collected by Save The Bay were used to assess this Class SA{b} portion of Wickford Harbor for shellfishing, swimming, and aquatic life uses. This portion of Wickford Harbor is seasonally closed to shellfishing due to the close proximity to marinas and/or mooring fields. Pathogen data collected, however, met both swimming and shellfishing criteria, and this portion of the harbor is assessed as fully supporting for both uses. Based on Save The Bay DO data, this portion of Wickford Harbor is assessed as fully supporting for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.3133				
SWIMMABLE	0.3133				
AQUATIC LIFE SUPPORT	0.3133				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Wickford Harbor**

Waterbody ID: RI0007027E-04B

Waterbody Type: E

Waterbody Size: 0.3376 S

Waterbody Description:
Wickford Harbor including Mill Cove and the estuarine portion of Mill Creek, west of a line extending from the northern extremity of Big Rock Point to the southern extremity of Cornelius Island, and west and south of a line extending from the northern extremity of Cornelius Island, to a point 1000 feet north of Calf Neck. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Dissolved Oxygen data collected by Save The Bay was used to assess this Class SB portion of Wickford Harbor for aquatic life use. DO data collected violated criteria, therefore, this portion of the harbor is assessed as partially supporting aquatic life use. Due to the lack of pathogen data, swimming use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.3376
AQUATIC LIFE SUPPORT			0.3376		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	0.3376 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
MARINAS AND RECREATIONAL BOATING	0.3376 S	M
Highway/Road/Bridge Runoff	0.3376 S	M
URBAN RUNOFF/STORM SEWERS	0.3376 S	M

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Little Allen's Harbor**

Waterbody ID: RI0007027E-05

Waterbody Type: E

Waterbody Size: 0.0033 S

Waterbody Description:
Little Allen's Harbor. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data collected nearby was used to make an evaluated assessment for swimming in Little Allen's Harbor. Little Allen's Harbor is assessed as fully supporting swimming use. Since no other data was collected, Little Allen's Harbor is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0033				
AQUATIC LIFE SUPPORT					0.0033

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Annaquatucket Mill Pond**

Waterbody ID: RI0007027L-01

Waterbody Description: Annaquatucket Mill Pond. North Kingstown

Waterbody Type: L

Waterbody Size: 6.3045 A

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Annaquatucket Mill Pond was assessed as part of the Southern Rhode Island Lake Water Quality Assessment Study conducted in 1991. At that time, Annaquatucket Mill Pond contained an abundant macrophyte community with a mesotrophic trophic status. The pond is threatened by an abandoned landfill upstream as well as from runoff from heavily traveled Route 1. Because of the age of the data, water quality in the pond is evaluated as fully supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	6.3045				
AQUATIC LIFE SUPPORT	6.3045				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.2638 **Lake Longitude:** 41.331

Trophic Status: M *O, M, E, H, D or O/M etc.* **Trend Size:** 6.3045

Trophic Trend: S *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 6.3045

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Belleville Ponds**

Waterbody ID: RI0007027L-02

Waterbody Type: L

Waterbody Size: 130.2734 A

Waterbody Description:
Belleville Ponds. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: The Upper and Lower Belleville Ponds were part of the 1991 Southern Rhode Island Lake Water Quality Assessment study and have been monitored by the URI Watershed Watch Program since 1989. Data collected in 1999 and 2000 by URI Watershed Watch was used to assess Belleville Ponds. Data indicated very high Total Phosphorus levels, and a large number of macrophytes. Both ponds are shallow and the lower pond is characterized by an abundance of rooted aquatic plants. Belleville Pond supports a warm water fishery and anadromous fish spawning through a state maintained fish ladder. In 1991 Lower Belleville Pond was characterized as one of the most nutrient enriched ponds in the URI Watershed Watch Program. Since 1992 however, a definite trend of improving conditions has become apparent with improvements in all three major trophic status indicator parameters. Overall, water quality in Belleville Ponds is classified as mesotrophic. In addition, fecal coliform levels were very low for the entire sampling season. Belleville Ponds are assessed as fully supporting swimming use and partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	130.2734				
AQUATIC LIFE SUPPORT			130.2734		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.29035 **Lake Longitude:** 41.33534

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 130.2734

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 130.2734

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Phosphorus	130.2734 A	M
NUTRIENTS	130.2734 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Landfills	130.2734 A	M
LAND DISPOSAL	130.2734 A	M
Minor Industrial Point Source	130.2734 A	M
INDUSTRIAL POINT SOURCES	130.2734 A	M

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Secret Lake**

Waterbody ID: RI0007027L-03

Waterbody Type: L

Waterbody Size: 46.2126 A

Waterbody Description:
Secret Lake. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Secret Lake, is located in the town of North Kingstown in the Annaquatucket watershed. The pond has an area of 47 acres, and an average depth of 1.8 meters. With a fluctuating maximum depth of up to 3.4 meters, Secret Lake is considered a shallow water body. The lake supports a warm water fishery, and is characterized as a mesotrophic water body. Secret Lake has been monitored since 1989 by the URI Watershed Watch Program. The 1999 and 2000 URI Watershed Watch data was used to assess Secret Lake for swimming and aquatic life use. This shallow pond has abundant rooted aquatic plants. The water column levels of nutrients are, however, only occasionally elevated The bottom sediments are most likely nutrient enriched and causing in-pond nutrient cycling. The data collected met criteria for both swimming and aquatic life use and both uses are assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	46.2126				
AQUATIC LIFE SUPPORT	46.2126				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.28519 **Lake Longitude:** 41.33177

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 46.2126

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 46.2126

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Kettle Hole Pond**

Waterbody ID: RI0007027L-04

Waterbody Type: L

Waterbody Size: 7.8802 A

Waterbody Description:
Kettle Hole Pond. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Kettle Hole Pond, located in North Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					7.8802
AQUATIC LIFE SUPPORT					7.8802

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2927 **Lake Longitude:** 41.3249

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 7.8802

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Davol Pond**

Waterbody ID: RI0007027L-05

Waterbody Type: L

Waterbody Size: 15.8157 A

Waterbody Description:
Davol Pond. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Davol Pond, located in North Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					15.8157
AQUATIC LIFE SUPPORT					15.8157

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Annaquatucket River**

Waterbody ID: RI0007027R-01

Waterbody Type: R

Waterbody Size: 2.0427 M

Waterbody Description:
Annaquatucket River. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Annaquatucket River, located in North Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.0427
AQUATIC LIFE SUPPORT					2.0427

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Belleville Upper Pond Inlet**

Waterbody ID: RI0007027R-02

Waterbody Type: R

Waterbody Size: 3.064 M

Waterbody Description:
Belleville Upper Pond Inlet. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected in 1999 and 2000 from URI Watershed Watch was used to assess Belleville Upper Pond Inlet. Pathogen data collected met swimming criteria, and Belleville Upper Pond Inlet is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.064				
AQUATIC LIFE SUPPORT	3.064				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.064	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Cocumcussoc Brook**

Waterbody ID: RI0007027R-03

Waterbody Type: R

Waterbody Size: 2.0432 M

Waterbody Description:
Cocumcussoc Brook. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design Data was used to assess Cocumcussoc Brook. Because data collected was from a single grab sample, an evaluated assessment was made for aquatic life use. The data indicated that the aquatic life use was fully supporting. Since no pathogen data was collected, Cocumcussoc Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.0432
AQUATIC LIFE SUPPORT	2.0432				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.0432	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Kettle Hole Pond to Secret Lake**

Waterbody ID: RI0007027R-04

Waterbody Type: R

Waterbody Size: 0.4527 M

Waterbody Description:
Kettle Hole Pond to Secret Lake. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 URI Watershed Watch (URIWW) data was used to assess Kettle Hole Pond to Secret Lake for swimming and aquatic life use. Pathogen data collected met swimming criteria. Kettle Hole Pond to Secret Lake is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.4527				
AQUATIC LIFE SUPPORT	0.4527				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.4527	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Pine River**

Waterbody ID: RI0007027R-05

Waterbody Type: R

Waterbody Size: 2.5635 M

Waterbody Description:
Pine River from headwaters to confluence with Mill Creek. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 Save The Bay dissolved oxygen data was used to assess Pine River for aquatic life use. Dissolved oxygen data met criteria, and Pine River is assessed as fully supporting aquatic life use. Pine River is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.5635
AQUATIC LIFE SUPPORT	2.5635				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.5635	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Mill Creek**

Waterbody ID: RI0007027R-06

Waterbody Type: R

Waterbody Size: 1.4678 M

Waterbody Description:
Mill Creek from headwaters to Camp Avenue culvert. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 Save the Bay dissolved oxygen data, collected for a study of Wickford Harbor was used to assess Mill Creek for aquatic life use. Dissolved oxygen data met criteria, and Mill Creek is assessed as fully supporting aquatic life use. Since no pathogen data was collected, Mill Creek is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.4678
AQUATIC LIFE SUPPORT	1.4678				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.4678	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Oak Hill Brook**

Waterbody ID: RI0007027R-07

Waterbody Type: R

Waterbody Size: 0.6213 M

Waterbody Description:
Oak Hill Brook. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 URI Watershed Watch Tributary Data was used to assess Oak Hill Brook for swimming and aquatic life use. Fecal coliform data met swimming criteria, and Oak Hill Brook is assessed as fully supporting swimming use. All other data collected was meeting criteria, and Oak Hill Brook is assessed as fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.6213				
AQUATIC LIFE SUPPORT	0.6213				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.6213	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Great Creek**

Waterbody ID: RI0007027R-08

Waterbody Type: R

Waterbody Size: 0.5267 M

Waterbody Description:
Great Creek freshwater portion from headwaters to estuarine portion in Round Swamp. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Great Creek, located in Jamestown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.5267
AQUATIC LIFE SUPPORT					0.5267

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Wannuchecomecut Brook**

Waterbody ID: RI0007027R-09

Waterbody Type: R

Waterbody Size: 2.3687 M

Waterbody Description:
Wannuchecomecut Brook. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Wannuchecomecut Brook, located in North Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.3687
AQUATIC LIFE SUPPORT					2.3687

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Tibbets Creek**

Waterbody ID: RI0007027R-10

Waterbody Type: R

Waterbody Size: 0.7055 M

Waterbody Description:
Tibbets Creek. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Tibbets Creek, located in North Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.7055
AQUATIC LIFE SUPPORT					0.7055

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *West Passage Narragansett Bay*

Waterbody Name: **Hall Creek**

Waterbody ID: RI0007027R-11

Waterbody Type: R

Waterbody Size: 0.5861 M

Waterbody Description:
Hall Creek. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Hall Creek, located in North Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.5861
AQUATIC LIFE SUPPORT					0.5861

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Potowomut River*

Waterbody Name: **Potowomut River**

Waterbody ID: RI0007028E-01

Waterbody Type: E

Waterbody Size: 0.3181 S

Waterbody Description:
Potowomut River. East Greenwich, North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected under the Water Quality Characterization of the Hunt-Potowomut River Basin Study (1996-1997) and fecal coliform data collected during 1999-2000 by the RIDEM Shellfish Monitoring Program, was used to assess the Potowomut River for swimming, aquatic life and shellfishing uses. The fecal coliform data collected met criteria for both swimming and shellfishing uses. Data collected during the Hunt-Potowomut study showed aquatic life use is fully supporting. All three uses are assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.3181				
SWIMMABLE	0.3181				
AQUATIC LIFE SUPPORT	0.3181				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Potowomut River*

Waterbody Name: **Potowomut Pond**

Waterbody ID: RI0007028L-01

Waterbody Type: L

Waterbody Size: 18.6725 A

Waterbody Description:
Potowomut Pond. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Potowomut Pond, located in North Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					18.6725
AQUATIC LIFE SUPPORT					18.6725

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.2718 **Lake Longitude:** 41.38

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 18.673

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Potowomut River*

Waterbody Name: **Frenchtown Brook**

Waterbody ID: RI0007028R-01

Waterbody Type: R

Waterbody Size: 6.8462 M

Waterbody Description:
Frenchtown Brook. West Greenwich, East Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data used to assess Frenchtown Brook came from a RIDEM TMDL study done in 1996-1997. Data showed Frenchtown Brook meets fecal coliform levels for swimming during dry weather, but violates criteria during wet weather. Storm water runoff and waterfowl may be some contributing factors. Aquatic life use is assessed as fully supporting. Swimming was assessed as not supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				6.8462	
AQUATIC LIFE SUPPORT	6.8462				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		6.8462	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed-station monitoring, conventional, during key seasons and flows

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	6.8462 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	6.8462 M	M
Highway/Road/Bridge Runoff	6.8462 M	M
URBAN RUNOFF/STORM SEWERS	6.8462 M	M

Subbasin Name: *Potowomut River*

Waterbody Name: **Fry Brook**

Waterbody ID: RI0007028R-02

Waterbody Type: R

Waterbody Size: 3.8823 M

Waterbody Description:
Fry Brook. West Warwick, East Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data collected from a 2000 RIDEM TMDL study was used to assess Fry Brook. Data collected indicated Fry Brook continues to have a pathogen problem. Possible contributing sources could be a nearby dairy farm. Fry Brook is assessed as not supporting swimming use. Since no other data wa collected, aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				3.8823	
AQUATIC LIFE SUPPORT					3.8823

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	3.8823 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Confined Animal Feeding Operations (NPS)	3.8823 M	M
INTENSIVE ANIMAL FEEDING OPERATIONS	3.8823 M	M

Subbasin Name: *Potowomut River*

Waterbody Name: **Hunt River**

Waterbody ID: RI0007028R-03A

Waterbody Type: R

Waterbody Size: 5.44 M

Waterbody Description:
Hunt River headwaters to Frenchtown Road. East Greenwich, North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data collected from the Hunt River TMDL, and the 1999 and 2000 Rapid Bioassessment Protocol data were used to assess this portion of the Hunt River. TMDL data collected found elevated pathogen levels during wet weather. Possible contributing sources are stormwater runoff, and a horse farm upstream. The Rapid Bioassessment data was extrapolated from a station upstream on Frenchtown Road. The data indicated a slightly impaired biological community for both years. This portion of the Hunt River is assessed as fully supporting aquatic life use. Since the pathogen data was exceeding swimming criteria, Hunt River is assessed as not supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				5.4183	
AQUATIC LIFE SUPPORT	5.4183				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			5.4183
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	5.4183 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	5.4183 M	M
URBAN RUNOFF/STORM SEWERS	5.4183 M	M
AGRICULTURE	5.4183 M	M

Subbasin Name: *Potowomut River*

Waterbody Name: **Hunt River**

Waterbody ID: RI0007028R-03B

Waterbody Type: R

Waterbody Size: 0.55 M

Waterbody Description:
Hunt River from Frenchtown Road to the Brown and Sharpe discharge point located approximately 0.55 miles downstream of Frenchtown Road. East Greenwich, North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Data collected from the RIDEM Hunt River TMDL, the 1999 and 2000 Rapid Bioassessment Protocol data, and the 1999 and 2000 Chemical Baseline data were used to assess this portion of the Hunt River. TMDL data collected found elevated pathogen levels during wet weather. Possible contributing sources are stormwater runoff, and a horse farm upstream. The Rapid Bioassessment data indicated a slightly impaired biological community for both years. This portion of the Hunt River is assessed as fully supporting aquatic life use. Since the pathogen data was exceeding swimming criteria, Hunt River is assessed as not supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				2.5464	
AQUATIC LIFE SUPPORT	2.5464				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			2.5464
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: **O, M, E, H, D or O/M etc.** **Trend Size:**

Trophic Trend: **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity:

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	2.5464 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	2.5464 M	M
URBAN RUNOFF/STORM SEWERS	2.5464 M	M
AGRICULTURE	2.5464 M	M

Subbasin Name: *Potowomut River*

Waterbody Name: **Mawney Brook**

Waterbody ID: RI0007028R-04

Waterbody Type: R

Waterbody Size: 3.3211 M

Waterbody Description:
Mawney Brook. East Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The Greenwich Bay Initiative: Water Quality of the Hunt/Potowomut River, August 1999, conducted by URI for RIDEM, was used to assess Mawney Brook for swimming and aquatic life use. Mawney Brook is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.3211				
AQUATIC LIFE SUPPORT	3.3211				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.3211	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed-station monitoring, conventional, during key seasons and flows

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Potowomut River*

Waterbody Name: **Sandhill Brook**

Waterbody ID: RI0007028R-05

Waterbody Type: R

Waterbody Size: 4.7751 M

Waterbody Description:
Sandhill Brook. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM TMDL data and 1996/1997 Chemical Baseline data were used to assess Sandhill Brook for swimming and aquatic life use. Data collected under the Chemical Baseline project indicated that aquatic life use is fully supported. Pathogen data was continuing to violate criteria, which caused Sandhill Brook to be assessed as not supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				4.7751	
AQUATIC LIFE SUPPORT	4.7751				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		4.7751	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	4.7751 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	4.7751 M	M
Highway/Road/Bridge Runoff	4.7751 M	M
URBAN RUNOFF/STORM SEWERS	4.7751 M	M

Subbasin Name: *Potowomut River*

Waterbody Name: **Scrabbletown Brook**

Waterbody ID: RI0007028R-06

Waterbody Type: R

Waterbody Size: 3.218 M

Waterbody Description:
Scrabbletown Brook. East Greenwich, North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM TMDL data pathogens, and 1996/1997 data collected under the Hunt/Potowomut Basin Study were used to assess Scrabbletown Brook for swimming and aquatic life use. Pathogen data violated swimming criteria, and Scrabbletown Brook is assessed as not supporting swimming use. A TMDL for this river has been completed by RIDEM. Water quality data collected under the Hunt/Potowomut Basin study showed all criteria being met. Scrabbletown Brook is assessed as fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				3.218	
AQUATIC LIFE SUPPORT	3.218				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.218	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	3.218 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	3.218 M	M
Highway/Road/Bridge Runoff	3.218 M	M
URBAN RUNOFF/STORM SEWERS	3.218 M	M

Subbasin Name: *Potowomut River*

Waterbody Name: **Pierce Brook**

Waterbody ID: RI0007028R-07

Waterbody Type: R

Waterbody Size: 1.627 M

Waterbody Description:
Pierce Brook. East Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Pierce Brook was originally assessed using data collected during the Greenwich Bay Initiative: Water Quality of the Hunt/Potowomut River Study. This study, conducted in 1996-1997, evaluated levels of fecal coliform in rivers within the watershed. The study showed that levels of fecal coliform exceede swimming criteria during wet weather. The brook was assessed as partially supporting swimming us and placed on the 2000 303(d) list of Impaired Waters. TMDL work was conducted in 1999 on Pierce Brook to evaluate dry and wet weather levels of fecal coliform. The TMDL data indicated that Pierce Brook was still violating fecal coliform levels for swimming use. A TMDL for Pierce Brook is underway. Pierce Brook is assessed as not supporting swimming use and is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				1.627	
AQUATIC LIFE SUPPORT					1.627

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	1.627 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	1.627 M	M
URBAN RUNOFF/STORM SEWERS	1.627 M	M

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01A

Waterbody Type: E

Waterbody Size: 22.4133 S

Waterbody Description:
East Passage south of a line from the northern tip of Prudence Island to Popasquash Point, Bristol to the northern tip of Hog Island to McKee's Wharf on Bristol Neck; west of a line across the mouth of Mt Hope Bay; south of a line from the southern point on Prudence Island to the northernmost point on Jamestown; north of a line from the southernmost tip of Brenton Point, Newport; exclusive of the East Passage waters, Coasters Harbor and Coddington Cove waters described below. Portsmouth, Middletown, Newport, Jamestown.

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data, and Summer 2001 Dissolved Oxygen (DO) surveys conducted by the Narragansett Bay Estuary Program were used to assess this portion of the East Passage. Fecal coliform data met both swimming and shellfishing criteria. The DO surveys indicated that the aquatic life use was being met. Swimming, shellfishing, and aquatic life use were all assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	22.4133				
SWIMMABLE	22.4133				
AQUATIC LIFE SUPPORT	22.4133				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01B

Waterbody Type: E

Waterbody Size: 4.1555 S

Waterbody Description:
East Passage waters east of a line from range marker painted on the shoreline approximately 500 feet west of the monument flagpole located in Fort Adams State Park to the Rose Island light, east of a line from the Rose Island light to Navy buoy W or "D" located at the southeast side of Gould Island, east of a line from Navy buoy W or "D" off Gould Island to buoy GR C at Fiske Rock, south of a line from buoy GR C at Fiske Rock to the eastern (landward) end of the former dock site located approximately 800 feet north of Greene Lane, Middletown, and west of the Newport Harbor/ Coddington Cove SB and SB1 waters described in waterbody ID's RI0007030E-01A, RI0007030E-01B, RI0007030E-01C, and RI0007030E-01D. Newport, Middletown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of the East Passage. This portion of the East Passage is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and therefore is permanently closed to shellfishing. Fecal coliform data met both swimming and shellfishing criteria. An evaluated assessment based on best professional judgement was made for the aquatic life use. Swimming, shellfishing, and aquatic life use were all assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	4.1555				
SWIMMABLE	4.1555				
AQUATIC LIFE SUPPORT	4.1555				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01C

Waterbody Type: E

Waterbody Size: 0.0264 S

Waterbody Description:
East Passage waters in the vicinity of McAlister Point. Middletown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: This portion of the East Passage, which is located in the vicinity of McAlister Point landfill is assessed as not supporting swimming, shellfishing and aquatic life use. Data for this assessment come from a RIDEM Site Remediation Project.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.0264	
SWIMMABLE				0.0264	
AQUATIC LIFE SUPPORT				0.0264	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Toxicity testing of sediments

TOXICITY TESTING

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Toxicity testing of sediments

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
UNKNOWN TOXICITY	0.0264 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Hazardous Waste	0.0264 S	H
Landfills	0.0264 S	H
LAND DISPOSAL	0.0264 S	H

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01D

Waterbody Type: E

Waterbody Size: 0.5646 S

Waterbody Description:
East Passage waters east of a line drawn from Coggeshall Point southwesterly to the southeasternmost point of Dyer Island and the area east of a line drawn from Carr Point northwesterly to the southeasternmost point of Dyer Island. Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of the East Passage. Fecal coliform data met swimming criteria and this portion of the East Passage is assessed as fully supporting swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.5646				
AQUATIC LIFE SUPPORT					0.5646

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01E

Waterbody Type: E

Waterbody Size: 0.0286 S

Waterbody Description:
East Passage waters within 500 feet of the firing pier at the U.S. Navy torpedo testing station at the northern end of Gould Island. Newport

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of the East Passage which is located within 500 feet of the firing pier at the U.S. Navy torpedo testing station at the northern end of Gould Island. Fecal coliform data met swimming criteria and this portion of the East Passage is assessed as fully supporting swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0286				
AQUATIC LIFE SUPPORT					0.0286

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01F

Waterbody Type: E

Waterbody Size: 0.0044 S

Waterbody Description:
East Passage waters in the vicinity of Taylor Point which are within a 300 foot radius of the Jamestown WWTF outfall. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data, and toxicity tests from the Jamestown WWTF were used to assess this portion of the East Passage. This portion of the East Passage is located in the vicinity of Taylor Point which is within a 300 foot radius of the Jamestown WWTF oufall. Fecal coliform data met swimming criteria, and this portion of the East Passage is assessed as fully supporting its use. Aquatic life use is assessed as fully supporting based on negative toxicity tests.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0044				
AQUATIC LIFE SUPPORT	0.0044				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Effluent toxicity testing, chronic

Effluent toxicity testing, acute

TOXICITY TESTING

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Toxicity testing of discharges

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01G

Waterbody Type: E

Waterbody Size: 0.0371 S

Waterbody Description:
East Passage waters in the vicinity of Taylor Point, exclusive of those waters described above, south of a line extending from the northernmos extremity of Taylor Point to Can Buoy 13, north of a line from a point of land on the Jamestown shore approximately 1000 feet south of the Newport Bridge extending eastward to the northernmost extremity of Rose Island and within 1000 feet of the shoreline of Jamestown. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of the East Passage. Fecal coliform data met swimming criteria. An evaluated assessment based on best professional judgement was made for the aquatic life use. Swimming and aquatic life use were both assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0371				
AQUATIC LIFE SUPPORT	0.0371				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01H

Waterbody Type: E

Waterbody Size: 0.0483 S

Waterbody Description:
East Passage waters in the vicinity of East Ferry, Jamestown, west of a line from Bryer Point to Lincoln Street. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring fecal coliform data was used to assess this portion of the East Passage. Fecal coliform data met swimming criteria, and is assessed as fully supporting swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0483				
AQUATIC LIFE SUPPORT					0.0483

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01I

Waterbody Type: E

Waterbody Size: 0.0736 S

Waterbody Description:
East Passage waters in the vicinity of Wharton's Shipyard which are south and west of a line from a point of land approximately 3000 feet north of Bull Point to the northernmost of "The Dumplings", and west of a line from the northernmost of "The Dumplings" to a point of land approximately 1000 feet north of Bull Point. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring fecal coliform data was used to assess this portion of the East Passage. Fecal coliform data met swimming criteria, and this portion of the East Passage is assessed as fully supporting swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0736				
AQUATIC LIFE SUPPORT					0.0736

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01J

Waterbody Type: E

Waterbody Size: 0.3267 S

Waterbody Description:
East Passage waters bound on the north by a line extending 1000 feet seaward from shore at the base of the Newport Bridge; bound to the east by a line extending 1000 feet seaward of the shoreline and bound to the south by a line extending from Bull Point to bouy G"11", excluding the Class SB waters described in the preceding two descriptions. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of the East Passage. Fecal coliform data met both swimming and shellfishing criteria. Swimming and shellfishing are both assessed as fully supporting. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.3267				
SWIMMABLE	0.3267				
AQUATIC LIFE SUPPORT					0.3267

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01K

Waterbody Type: E

Waterbody Size: 0.0029 S

Waterbody Description:
East Passage waters in the vicinity of the Fort Wetherill Boat Basin that are west of the extension of a line from the southeast corner of the pier at Forth Wetherill, through the northeast corner of the pier at Fort Wetherill t the opposite northern shore. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of the East Passage. Fecal coliform data met swimming criteria, and this portion of the East Passage is assessed as fully supporting swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0029				
AQUATIC LIFE SUPPORT					0.0029

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01L

Waterbody Description: Castle Hill Cove. Newport

Waterbody Type: E

Waterbody Size: 0.0065 S

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of the East Passage, which is located at Castle Hill Cove, in Newport. Fecal coliform data met swimming criteria, and this portion of the East Passage is assessed as fully supporting swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0065				
AQUATIC LIFE SUPPORT					0.0065

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01M

Waterbody Type: E

Waterbody Size: 1.0256 S

Waterbody Description:
East Passage waters in the vicinity of Taylor Point and East Ferry, Jamestown, south of a line from the northern most tip of Taylor Point to buoy M15; south of a line from buoy M15 to buoy C13; west of a line from buoy C13 to the House on the rocks located in "The Dumplings"; east of a line from the northernmost tip of Taylor Point to Bull Point which is 1000 feet seaward of the shoreline exclusive of the SB and SA{b} waters described above in waterbody ID's: RI0007029E-01K, RI0007029E-01J, RI0007029E-01I, RI0007029E-01H, RI0007029E-01G, and RI0007029E-01F. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of the East Passage. This portion of the East Passage is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and is therefore, permanently closed to shellfishing. Fecal coliform data met both swimming and shellfishing criteria. An evaluated assessment based on best professional judgement was made for the aquatic life use. Swimming, shellfishing, and aquatic life use were all assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	1.0256				
SWIMMABLE	1.0256				
AQUATIC LIFE SUPPORT	1.0256				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **East Passage**

Waterbody ID: RI0007029E-01N

Waterbody Type: E

Waterbody Size: 0.0972 S

Waterbody Description:
East Passage waters south of a line from the RIDEM range marker located just south of Carr Point to Buoy "GR C" located at Fiske Rock, and north and east of a line from the RIDEM range marker located approximately 2300 feet north of the former Blue Gold Pier, to Nun Bouy "22". Portsmouth, Middletown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of the East Passage. This portion of the East Passage is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and is therefore, permanetly closed to shellfishing. Fecal coliform data met both swimming and shellfishing criteria. An evaluated assessment based on best professional judgement was made for the aquatic life use. Swimming, shellfishing, and aquatic life use were all assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.0972				
SWIMMABLE	0.0972				
AQUATIC LIFE SUPPORT	0.0972				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **Mackerel Cove**

Waterbody ID: RI0007029E-02

Waterbody Type: E

Waterbody Size: 0.3843 S

Waterbody Description: Mackerel Cove. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess Mackerel Cove for shellfishing, swimming and aquatic life use. Fecal coliform data met both shellfishing and swimming criteria. An evaluated assessment based on best professional judgement was made for the aquatic life use. Swimming, shellfishing, and aquatic life use were all assessed as fully supporting their use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.3843				
SWIMMABLE	0.3843				
AQUATIC LIFE SUPPORT	0.3843				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **Potter Cove**

Waterbody ID: RI0007029E-03

Waterbody Type: E

Waterbody Size: 0.153656 S

Waterbody Description:
Potter Cove. Prudence Island, Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program, and during the Summer 2001 dissolved oxygen surveys were used to assess Potter Cove for swimming, aquatic life and shellfishing use. The fecal coliform data collected met criteria for both shellfishing and swimming uses. Both uses are assessed as fully supporting. Dissolved oxygen data was violating criteria, and therefore, Potter Cove is assessed as partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.1536				
SWIMMABLE	0.1536				
AQUATIC LIFE SUPPORT			0.1536		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

Fixed station physical/chemical monitoring, conventional pollutants only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	0.1536 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.1536 S	M

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **Mother of Hope Brook**

Waterbody ID: RI0007029R-01A

Waterbody Type: R

Waterbody Size: 2.5995 M

Waterbody Description:
Mother of Hope Brook from the headwaters south of Greene Lane, Middletown, to Redwood Road, Portsmouth. Middletown, Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of Mother of Hope Brook, from the headwaters south of Greene Lane, in Middletown, to Redwood Road in Portsmouth, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.5995
AQUATIC LIFE SUPPORT					2.5995

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **Mother of Hope Brook**

Waterbody ID: RI0007029R-01B

Waterbody Type: R

Waterbody Size: 0.2363 M

Waterbody Description:
Mother of Hope Brook from Redwood Road, Portsmouth, to East Passage, Narragansett Bay. Portsmouth.

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of Mother of Hope Brook, from Redwood Road in Portsmouth, to East Passage, Narragansett Bay, in unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.2363
AQUATIC LIFE SUPPORT					0.2363

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **Barker Brook**

Waterbody ID: RI0007029R-02

Waterbody Type: R

Waterbody Size: 1.6302 M

Waterbody Description:
Barker Brook. Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Barker Brook, located in Portsmouth, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
AQUATIC LIFE SUPPORT					1.6302
SWIMMABLE					1.6302

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *East Passage Narragansett Bay*

Waterbody Name: **Bloody Brook**

Waterbody ID: RI0007029R-03

Waterbody Type: R

Waterbody Size: 1.4143 M

Waterbody Description:
Bloody Brook. Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Bloody Brook, located in Portsmouth, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.4143
AQUATIC LIFE SUPPORT					1.4143

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Newport Harbor/Coddington Cove*

Waterbody Name: **Newport Harbor/Coddington Cove**

Waterbody ID: RI0007030E-01A

Waterbody Type: E

Waterbody Size: 0.752 S

Waterbody Description:
Coddington Cove waters north of a line from buoy (FLR) bell 14 to Bishop Rock and southeast of a line from buoy (FLR) bell 14 through Nun buoy 16 at Coddington point and its extension to the end of the Coddington Cove breakwater. Newport, Middletown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1999/2000 RIDEM Shellfishing data and data collected as part of a Site Remediation project of the Derecktor shipyard area, was used to assess this portion of Newport Harbor/Coddington Cove. Pathogen data met swimming criteria, and Newport Harbor is assessed as fully supporting swimming use. The Site Remediation project data indicated the area had low DO and sediment toxicity problems. Newport Harbor is assessed as not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.752				
AQUATIC LIFE SUPPORT				0.752	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Toxicity testing of sediments

TOXICITY TESTING

Shellfish surveys

PATHOGEN MONITORING

Chemical monitoring of sediments

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Toxicity testing of sediments

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	0.752 S	H
TOTAL TOXICS	0.752 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
CONTAMINATED SEDIMENTS	0.752 S	H
Hazardous Waste	0.752 S	H
Landfills	0.752 S	H
LAND DISPOSAL	0.752 S	H

Subbasin Name: *Newport Harbor/Coddington Cove*

Waterbody Name: **Newport Harbor/Coddington Cove**

Waterbody ID: RI0007030E-01B

Waterbody Type: E

Waterbody Size: 0.0543 S

Waterbody Description:
Newport Harbor waters in the vicinity of Bishop Rock which are within 500 feet of the Newport marine sewer outfall. Newport

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 RIDEM Shellfishing data, and Newport WWTF toxicity test data were used to assess this portion of Newport Harbor/Coddington Cove. Pathogen data met swimming criteria, and Newport Harbor is assessed as fully supporting swimming use. Newport WWTF effluent toxicity tests indicated that this portion of Newport Harbor is fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0543				
AQUATIC LIFE SUPPORT	0.0543				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Effluent toxicity testing, chronic

Effluent toxicity testing, acute

TOXICITY TESTING

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Toxicity testing of discharges

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Newport Harbor/Coddington Cove*

Waterbody Name: **Newport Harbor/Coddington Cove**

Waterbody ID: RI0007030E-01C

Waterbody Type: E

Waterbody Size: 2.4457 S

Waterbody Description:
Newport Harbor waters east of a line from Fort Adams light to Rose Island light, to buoy (FLR) bell 14 and south of a line from buoy (FLR) bell 14 to Bishop Rock, excluding Coaster's Harbor. Newport

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 RIDEM Shellfishing data was used to assess this portion of Newport Harbor/Coddington Cove. Pathogen data met swimming criteria, and Newport Harbor is assessed as fully supporting swimming use. Since no other data was collected, this portion of Newport Harbor is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.4457				
AQUATIC LIFE SUPPORT					2.4457

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Newport Harbor/Coddington Cove*

Waterbody Name: **Newport Harbor/Coddington Cove**

Waterbody ID: RI0007030E-01D

Waterbody Type: E

Waterbody Size: 0.1465 S

Waterbody Description:
Coaster's Harbor waters east of a line from Bishop Rock to the northernmost point of Coaster's Harbor Island and north of the Training Station Road bridge. Newport

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 1999/2000 RIDEM Shellfishing data and data collected as part of a Site Remediation project was used to assess this portion of Newport Harbor/Coddington Cove. Pathogen data met swimming criteria, and this portion of Newport Harbor is assessed as fully supporting swimming use. The Site Remediation data collected at this former firefighting hazardous waste site, showed sediment contamination. This portion of the Newport Harbor is assessed as not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.1465				
AQUATIC LIFE SUPPORT				0.1465	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Toxicity testing of sediments

TOXICITY TESTING

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Toxicity testing of sediments

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	0.1465 S	H
TOTAL TOXICS	0.1465 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
CONTAMINATED SEDIMENTS	0.1465 S	H
Hazardous Waste	0.1465 S	H
Landfills	0.1465 S	H
LAND DISPOSAL	0.1465 S	H

Subbasin Name: *Mt. Hope Bay*

Waterbody Name: **Mt. Hope Bay**

Waterbody ID: RI0007032E-01A

Waterbody Type: E

Waterbody Size: 4.2814 S

Waterbody Description:
Mt. Hope Bay south and west of the MA/RI border, and east of a line from Touisset Point to the channel marker buoy R "4" and south and east of a line from buoy R "4" to the southernmost landward end of Bristol Point and south of a line from Bristol Point to the Hog Island shoal light, through bell buoy G"3 to the southwestern extremity of Arnold Point in Portsmouth where a RIDEM range marker has been established; And west of a line from the end of Gardiner's Neck Road, Swansea to buoy N"2, through buoy C"3" to Common Fence Point, Portsmouth. Warren, Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments:
Summer 2001 dissolved oxygen (DO) surveys coordinated by the NBEP, and 1999/ 2000 RIDEM Shellfish data were used to assess this portion of Mt. Hope Bay. DO Surveys showed that dissolvec oxygen levels were violating criteria, therefore, this portion of the Bay is assessed as not supportinc aquatic life use. This portion of Mt. Hope Bay is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and is, therefore, permanently closed to shellfishing for safety reasons. Fecal coliform data met criteria for both shellfishing and swimming. Mt. Hope Bay is assessed as fully supporting both of these uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	4.2814				
SWIMMABLE	4.2814				
AQUATIC LIFE SUPPORT				4.2814	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
THERMAL MODIFICATIONS	4.2814 S	H
BIODIVERSITY IMPACTS	4.2814 S	H
LOW DO	4.2814 S	H
NUTRIENTS	4.2814 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	4.2814 S	H
URBAN RUNOFF/STORM SEWERS	4.2814 S	H
Major Municipal Point Source-dry and/or wet w	4.2814 S	H
MUNICIPAL POINT SOURCES	4.2814 S	H
Major Industrial Point Source	4.2814 S	H
INDUSTRIAL POINT SOURCES	4.2814 S	H

Subbasin Name: *Mt. Hope Bay*

Waterbody Name: **Mt. Hope Bay**

Waterbody ID: RI0007032E-01B

Waterbody Type: E

Waterbody Size: 2.0097 S

Waterbody Description:
Mt. Hope Bay waters north and west of aline from the southernmost landward end of Bristol Point to buoy R "4" and west of a line from buoy R "4" to the DEM range marker on Touisset Point, and south of the Bristol Narrows. Bristol, Warren

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Summer 2001 dissolved oxygen (DO) surveys coordinated by the NBEP, and 1999/ 2000 RIDEM Shellfish data were used to assess this portion of Mt. Hope Bay. DO Surveys showed that dissolvec oxygen levels were violating criteria, therefore, this portion of the Bay is assessed as not supporting aquatic life use. Fecal coliform data met criteria for swimming. Mt. Hope Bay is assessed as fully supporting for swimming use. The area is conditionally closed for shellfishing and therefore is assessed as partially supporting for shellfishing use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING			2.0097		
SWIMMABLE	2.0097				
AQUATIC LIFE SUPPORT				2.0097	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
THERMAL MODIFICATIONS	2.0097 S	H
BIODIVERSITY IMPACTS	2.0097 S	H
PATHOGENS	2.0097 S	M
LOW DO	2.0097 S	H
NUTRIENTS	2.0097 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	2.0097 S	H
URBAN RUNOFF/STORM SEWERS	2.0097 S	H
Major Municipal Point Source-dry and/or wet w	2.0097 S	H
MUNICIPAL POINT SOURCES	2.0097 S	H
Major Industrial Point Source	2.0097 S	H
INDUSTRIAL POINT SOURCES	2.0097 S	H

Subbasin Name: *Mt. Hope Bay*

Waterbody Name: **Mt. Hope Bay**

Waterbody ID: RI0007032E-01C

Waterbody Type: E

Waterbody Size: 3.0469 S

Waterbody Description:
Mt. Hope Bay waters south of a line from Borden's Wharf,Tiverton, to buoy R "4" and west of a line from buoy R "4" to Brayton Point, Somerset, MA., and east of a line from the end of Gardiner's Neck Road in Swansea to buoy N "2", through buoy C "3" to Common Fence Point, Portsmouth, and north of a line from Portsmouth to Tiverton at the railroad bridge at "The Hummocks" on the northeast point of Portsmouth. Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Summer 2001 dissolved oxygen (DO) surveys coordinated by NBEP, and Fall River CSO data from 1990 were both used to assess this portion of Mt. Hope Bay. DO surveys showed that dissolved oxygen levels were violating criteria, therefore, this portion of the Bay is assessed as not supporting aquatic life use. Fall River CSO data indicates that Mt. Hope Bay is partially supporting swimming use due to elevated levels of pathogens during wet weather.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			3.0469		
AQUATIC LIFE SUPPORT				3.0469	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
THERMAL MODIFICATIONS	3.0469 S	H
PATHOGENS	3.0469 S	M
BIODIVERSITY IMPACTS	3.0469 S	H
LOW DO	3.0469 S	M
NUTRIENTS	3.0469 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	3.0469 S	H
URBAN RUNOFF/STORM SEWERS	3.0469 S	H
Major Municipal Point Source-dry and/or wet w	3.0469 S	H
MUNICIPAL POINT SOURCES	3.0469 S	H
Major Industrial Point Source	3.0469 S	H
INDUSTRIAL POINT SOURCES	3.0469 S	H

Subbasin Name: *Mt. Hope Bay*

Waterbody Name: **Mt. Hope Bay**

Waterbody ID: RI0007032E-01D

Waterbody Type: E

Waterbody Size: 0.4828 S

Waterbody Description:
Mt. Hope Bay waters south and west of the MA-RI border and north of a line from Borden's Wharf, Tiverton to buoy R "4" and east of a line from buoy R "4" to Brayton Point in Somerset, MA. Bristol, Portsmouth and Tiverton.

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Summer 2001 dissolved oxygen (DO) surveys coordinated by the NBEP, and Fall River CSO data from 1990 were both used to assess this portion of Mt. Hope Bay. DO surveys showed that dissolved oxygen levels were violating criteria, therefore, this portion of the Bay is assessed as not supporting aquatic life use. Fall River CSO data indicates that this portion of Mt. Hope Bay is partially supporting swimming use due to elevated levels of pathogens during wet weather.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			0.4828		
AQUATIC LIFE SUPPORT				0.4828	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
THERMAL MODIFICATIONS	0.4828 S	H
BIODIVERSITY IMPACTS	0.4828 S	H
PATHOGENS	0.4828 S	M
LOW DO	0.4828 S	H
NUTRIENTS	0.4828 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	0.4828 S	H
URBAN RUNOFF/STORM SEWERS	0.4828 S	H
Major Municipal Point Source-dry and/or wet w	0.4828 S	H
MUNICIPAL POINT SOURCES	0.4828 S	H
Minor Industrial Point Source	0.4828 S	H
Major Industrial Point Source	0.4828 S	H
INDUSTRIAL POINT SOURCES	0.4828 S	H

Subbasin Name: *Mt. Hope Bay*

Waterbody Name: **Founders Brook**

Waterbody ID: RI0007032R-01

Waterbody Type: R

Waterbody Size: 1.0039 M

Waterbody Description:
Fonders Brook. Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Founders Brook, located in Portsmouth, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.0039
AQUATIC LIFE SUPPORT					1.0039

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Kickemuit River*

Waterbody Name: **Kickemuit River**

Waterbody ID: RI0007033E-01A

Waterbody Type: E

Waterbody Size: 0.6983 S

Waterbody Description:
Kickemuit River from the Child Street bridge (Route 103) in Warren, south to the river mouth at "Bristol Narrows" excluding the waters described below. Bristol, Warren

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM Shellfishing Monitoring Program data taken through December of 2000 was used to assess this portion of the Kickamuit River. Fecal coliform data met swimming criteria. This area was assessed as fully supporting for swimming use. Aquatic life use was considered unassessed. Shellfishing use was assessed as partially supporting, due to the area being conditionally closed after significant rainfalll.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING			0.6983		
SWIMMABLE	0.6983				
AQUATIC LIFE SUPPORT					0.6983

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.6983 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.6983 S	M
URBAN RUNOFF/STORM SEWERS	0.6983 S	M
AGRICULTURE	0.6983 S	M

Subbasin Name: *Kickemuit River*

Waterbody Name: **Kickemuit River**

Waterbody ID: RI0007033E-01B

Waterbody Type: E

Waterbody Size: 0.0726 S

Waterbody Description:
Kickemuit River south of a line from the eastern extension of Kickemuit Avenue in Bristol to the DEM range marker located on the western tip of Little Neck in Touisset, and north of a line from the DEM range markers located on the east shore and west shore at the entrance to the Kickemuit River including the "Bristol Narrows" in its entirety. Bristol, Warren

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM Shellfishing Data was used to assess this portion of the Kickamuit River. Fecal coliform data met swimming criteria. This area was assessed as fully supporting for swimming use. Aquatic life use was considered unassessed. Shellfishing use was assessed as partially supporting, because tl area is seasonally closed due to mooring fields during summer months, in accordance with NSSP regulations,, and conditionally closed after significant rainfalll.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING			0.0726		
SWIMMABLE	0.0726				
AQUATIC LIFE SUPPORT					0.0726

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.0726 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.0726 S	M
Flow Regulation/Modification	0.0726 S	M
URBAN RUNOFF/STORM SEWERS	0.0726 S	M
AGRICULTURE	0.0726 S	M

Subbasin Name: *Kickemuit River*

Waterbody Name: **Kickemuit River**

Waterbody ID: RI0007033E-01C

Waterbody Type: E

Waterbody Size: 0.0903 S

Waterbody Description:
Kickemuit River west of a line from the DEM range marker located on the western tip of Little Neck in Touisset to the brick stack located at 426 Metacom Avenue in Warren (formally known as the Carol Cable Building), north of a line from the eastern extension of Sherman Avenue in Bristol to the western extension of Chase Avenue Touisset, and south of a line from the eastern extension of Harris Avenue in Warren to the "5 MPH No Wake" buoy. Bristol, Warren

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM Shellfishing Data was used to assess this portion of the Kickamuit River. Fecal coliform data met swimming criteria. This area was assessed as fully supporting for swimming use. Aquatic life use was considered unassessed. Shellfishing use was assessed as partially supporting, because the area is seasonally closed, in accordance with NSSP regulations, due to mooring fields during summer months, and conditionally closed after significant rainfalll.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING			0.0903		
SWIMMABLE	0.0903				
AQUATIC LIFE SUPPORT					0.0903

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.0903 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.0903 S	M
MARINAS AND RECREATIONAL BOATING	0.0903 S	M
Highway/Road/Bridge Runoff	0.0903 S	M
URBAN RUNOFF/STORM SEWERS	0.0903 S	M
AGRICULTURE	0.0903 S	M

Subbasin Name: *Warren Reservoir*

Waterbody Name: **Kickemuit Reservoir (Warren Reservoir)**

Waterbody ID: RI0007034L-01

Waterbody Type: L

Waterbody Size: 42.2387 A

Waterbody Description:
Kickemuit Reservoir (Warren Reservoir). Warren

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM TMDL work conducted during the summer of 2000, and RI Department of Health (RIDOH) Drinking Water Supply Data were used to assess Kickemuit Reservoir. The data showed that pathogens and nutrients were violating their criteria. Turbidity, taste and odor and excess algae continued to be problems. These parameters caused the Kickemuit Reservoir to be assessed as not supporting both aquatic life and swimming use, and partially supporting drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY			42.2387		
SWIMMABLE				42.2387	
AQUATIC LIFE SUPPORT				42.2387	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.1548 **Lake Longitude:** 41.4412

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 42.2387

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Community water supply chemical monitoring (ambient water)

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Fixed station physical/chemical monitoring, conventional pollutants only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Organics in water column

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
TASTE AND ODOR	42.2387 A	M
EXCESS ALGAL GROWTH/CHL-	42.2387 A	M
PATHOGENS	42.2387 A	M
Phosphorus	42.2387 A	M
NUTRIENTS	42.2387 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	42.2387 A	M
Onsite Wastewater Systems (Septic Tanks)	42.2387 A	M
Highway/Road/Bridge Runoff	42.2387 A	M
URBAN RUNOFF/STORM SEWERS	42.2387 A	M
AGRICULTURE	42.2387 A	M

Subbasin Name: *Warren Reservoir*

Waterbody Name: **Upper Kickemuit River**

Waterbody ID: RI0007034R-01

Waterbody Type: R

Waterbody Size: 1.148 M

Waterbody Description:
Upper Kickemuit River from the Kickemuit (Warren) Reservoir north to the RI-MA border. Warren

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 Rapid Bioassessment Protocol data, and RIDEM TMDL data were used to assess the Upper Kickemuit River. The biological data showed slightly impaired biological communities for both 1999 and 2000. The biological impairments appear to be flow related. TMDL data showed DO levels were meeting criteria however, fecal coliform were exceeding criteria. The Upper Kickemuit River is assessed as partially supporting aquatic life use, and not supporting swimming use. Because sampling for drinking water use is collected at the terminal reservoir of the system and not within tributaries, Upper Kickemuit River is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.148
SWIMMABLE				1.148	
AQUATIC LIFE SUPPORT			1.148		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:	1.148		
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ O, M, E, H, D or O/M etc. **Trend Size:** _____

Trophic Trend: _____ (I)mproving, (S)table or (D)eteriorating

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ (I)mpaired, (V)ulnerable, (N)ot Impaired

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	1.148 M	M
PATHOGENS	1.148 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	1.148 M	M
URBAN RUNOFF/STORM SEWERS	1.148 M	M
low flow from drought conditions	1.148 M	M
NATURAL SOURCES	1.148 M	M

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Gardiner Pond**

Waterbody ID: RI0007035L-01

Waterbody Type: L

Waterbody Size: 92.435 A

Waterbody Description:
Gardiner Pond. Middletown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 Rapid Bioassessment Protocol (macroinvertebrate) data extrapolated from the Maidford River, and 1999 and 2000 RI Department of Health (RIDOH) Drinking Water Supply Data were used to assess Gardiner Pond. Gardiner Pond is impacted due to flow regulation practices conducted by the Newport Water Supply. RIDOH data collected showed Gardiner Pond was fully meeting drinking water requirements. An evaluated assessment was made for Gardiner Pond as partially supporting aquatic life use due to the flow regulations, and fully supporting drinking water use. Gardiner Pond is unassessed for swimming use since no fecal coliform data was collected.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	92.435				
SWIMMABLE					92.435
AQUATIC LIFE SUPPORT			92.435		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.1517 **Lake Longitude:** 41.2929

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 92.435

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	92.435 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Flow Regulation/Modification	92.435 A	M
HYDROMODIFICATION	92.435 A	M
SOURCE UNKNOWN	92.435 A	M
Highway/Road/Bridge Runoff	92.435 A	M
URBAN RUNOFF/STORM SEWERS	92.435 A	M

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Nelson Paradise Pond**

Waterbody ID: RI0007035L-02

Waterbody Type: L

Waterbody Size: 28.9352 A

Waterbody Description:
Nelson Paradise Pond. Middletown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 Rapid Bioassessment Protocol data extrapolated from the Maidford River, and 1999 and 2000 RI Department of Health (RIDOH) Drinking Water Supply Data were used to assess Nelson Paradise Pond. Nelson Paradise Pond is impacted due to flow regulation practices conducted by the Newport Water Supply. RIDOH data collected showed Nelson Paradise Pond fully meeting drinking water requirements. An evaluated assessment was made for Nelson Paradise Pond as partially supporting aquatic life use due to the flow regulations, and fully supporting drinking water use. Nelson Paradise Pond is unassessed for swimming use, since no fecal coliform data wa collected.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	28.9352				
SWIMMABLE					28.9352
AQUATIC LIFE SUPPORT			28.9352		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.1549 **Lake Longitude:** 41.2931

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 28.9352

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	28.9352 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
HYDROMODIFICATION	28.9352 A	M
Flow Regulation/Modification	28.9352 A	M
SOURCE UNKNOWN	28.9352 A	M
Highway/Road/Bridge Runoff	28.9352 A	M
URBAN RUNOFF/STORM SEWERS	28.9352 A	M

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **North Easton Pond (Green End Pond)**

Waterbody ID: RI0007035L-03

Waterbody Type: L

Waterbody Size: 113.2341 A

Waterbody Description:
North Easton Pond (Green End Pond). Middletown, Newport

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 RI Department of Health (RIDOH) Drinking Water Supply data, and 1999 and 2000 Rapid Bioassessment Protocol Data extrapolated from a station upstream on Baileys Brook were used to assess North Easton Pond. Data collected upstream was found to be partially supporting aquatic life use due to flow regulation practices conducted by the Newport Water Supply. Staff observations of excess algal growth in the pond were noted. Drinking water data showed the pond fully supporting drinking water use. North Easton Pond is assessed as partially supporting aquatic life use, and fully supporting drinking water use. North Easton Pond is unassessed for swimming, since no fecal coliform data was collected.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	113.2341				
SWIMMABLE					113.2341
AQUATIC LIFE SUPPORT			113.2341		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.1726 **Lake Longitude:** 41.2954

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 113.2341

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	113.2341 A	M
BIODIVERSITY IMPACTS	113.2341 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Flow Regulation/Modification	113.2341 A	M
HYDROMODIFICATION	113.2341 A	M
Highway/Road/Bridge Runoff	113.2341 A	M
Other Urban Runoff	113.2341 A	M
URBAN RUNOFF/STORM SEWERS	113.2341 A	M

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **South Easton Pond**

Waterbody ID: RI0007035L-04

Waterbody Description: South Easton Pond. Middletown, Newport

Waterbody Type: L

Waterbody Size: 131.9696 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RI Department of Health (RIDOH) Drinking Water Supply data was used to assess South Easton Pond. Data collected showed South Easton Pond meeting drinking water criteria. South Easton Pond is assessed as fully supporting drinking water use. Since no other data was collected, South Easton Pond is unassessed for aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	131.9696				
SWIMMABLE					131.9696
AQUATIC LIFE SUPPORT					131.9696

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.1738 **Lake Longitude:** 41.2928

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 131.9696

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Saint Mary's Pond**

Waterbody ID: RI0007035L-05

Waterbody Type: L

Waterbody Size: 112.058 A

Waterbody Description:
Saint Mary's Pond. Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 RI Department of Health (RIDOH) Drinking Water Supply data, and data collected by DEM Staff were used to assess Saint Mary's Pond. The pond was determined by DEM staff to be impaired due to flow regulation practices conducted by the Newport Water Supply. The flow regulations directly affect the biological community present in the pond. Data collected by RIDOH showed that Saint Mary's Pond was fully meeting drinking water requirements. An evaluated assessment was made for Saint Mary's Pond as partially supporting aquatic life use. The pond is also assessed as fully supporting drinking water use, and not assessed for swimming use, due to lack of pathogen data.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	112.058				
SWIMMABLE					112.058
AQUATIC LIFE SUPPORT			112.058		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.1615 **Lake Longitude:** 41.3317

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 112.058

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	112.058 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Flow Regulation/Modification	112.058 A	M
HYDROMODIFICATION	112.058 A	M

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Lawton Valley Reservoir**

Waterbody ID: RI0007035L-06

Waterbody Description: Lawton Valley Reservoir. Portsmouth

Waterbody Type: L

Waterbody Size: 81.4043 A

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: DEM staff evaluation of the biological community/habitat and RI Department of Health (RIDOH) Drinking Water Supply Data were used to assess Lawton Valley Reservoir. Data from the DEM evaluation indicated that aquatic life use was partially supported due to flow regulation practices conducted by the Newport Water Supply. RIDOH data showed Lawton Valley Reservoir was fully supporting drinking water use. Based on this data, an evaluated assessment was made for Lawton Valley Reservoir as partially supporting aquatic life use and fully supporting drinking water use. Lawton Valley Reservoir is considered unassessed for swimming use, since no pathogen data was collected.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	81.4043				
SWIMMABLE					81.4043
AQUATIC LIFE SUPPORT			81.4043		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.1646 **Lake Longitude:** 41.3357

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 81.4043

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	81.4043 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Flow Regulation/Modification	81.4043 A	M
HYDROMODIFICATION	81.4043 A	M

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Watson Reservoir**

Waterbody ID: RI0007035L-07

Waterbody Type: L

Waterbody Size: 370.7953 A

Waterbody Description:
Watson Reservoir. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RI Department of Health (RIDOH) Drinking Water Supply data was used to assess Watson Reservoir. Data collected showed Watson Reservoir meeting criteria for drinking water, and is assessed as fully supporting drinking water use. The reservoir is considered unassessed for botl aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	370.7953				
SWIMMABLE					370.7953
AQUATIC LIFE SUPPORT					370.7953

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.1045 **Lake Longitude:** 41.3217

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 370.7953

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Organics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Nonquit Pond**

Waterbody ID: RI0007035L-08

Waterbody Type: L

Waterbody Size: 230.6513 A

Waterbody Description:
Nonquit Pond. Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: RI Department of Health (RIDOH) Drinking Water Supply Data was used to assess Nonquit Pond. Data collected by RIDOH showed Nonquit Pond fully meeting drinking water requirements. Nonquit Pond is assessed as fully supporting drinking water use. Since no other data was collected, Nonqui Pond is considered unassessed for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	230.6513				
SWIMMABLE					230.6513
AQUATIC LIFE SUPPORT					230.6513

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.115 **Lake Longitude:** 41.3342

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 230.6513

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Organics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Sisson Pond**

Waterbody ID: RI0007035L-10

Waterbody Type: L

Waterbody Size: 69.0653 A

Waterbody Description:
Sisson Pond. Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Information collected by RIDEM staff on the Water Quality Certification for the water supplier was used to assess Sisson Pond. The pond was determined to be impacted due to flow regulation practices conducted by the Newport Water Supply. An evaluated assessment was made for Sisso Pond as partially supporting aquatic life use. The pond is unassessed for both drinking water and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					69.0653
AQUATIC LIFE SUPPORT			69.0653		
SWIMMABLE					69.0653

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.1642 **Lake Longitude:** 41.336

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 69.0653

Trophic Trend: _____ *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: _____ I, S, D or Unknown **Size Assessed for Acidity:** 0

Acidity Effects: _____ *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	69.0653 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Flow Regulation/Modification	69.0653 A	M
HYDROMODIFICATION	69.0653 A	M

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Bailey's Brook**

Waterbody ID: RI0007035R-01

Waterbody Type: R

Waterbody Size: 2.7543 M

Waterbody Description:
Bailey's Brook. Middletown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
Bailey's Brook is a tributary of the Aquidneck Water Supply system. Water chemistry data from the 1999 and 2000 Chemical Baseline Monitoring and 1999 and 2000 biological data from the Rapid Bioassessment Protocol project were utilized to assess Bailey's Brook. The biological data, which has been collected since 1992, showed a slightly impaired community in 1999, and a non-impaired community in 2000. Due to the history of the site, the lack of impairment during 2000 was thought to be flow- related. There was an increase of flow in 2000 which could cause the biological community to rebuild itself. The 1999 and 2000 water chemistry data met current criteria for Total Phosphorus, Fecal Coliform, and both dissolved Cadmium and Lead. The brook is assessed as partially supporting aquatic life use. The bacteria sampling indicated that the brook is fully supporting swimming use. Because sampling for drinking water use is collected at the terminal reservoir of the system and not within tributaries, Bailey's Brook is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.7543
SWIMMABLE	2.7543				
AQUATIC LIFE SUPPORT			2.7543		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			2.7543
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	2.7543 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
low flow from drought conditions	2.7543 M	M
NATURAL SOURCES	2.7543 M	M
Flow Regulation/Modification	2.7543 M	M
HYDROMODIFICATION	2.7543 M	M
Highway/Road/Bridge Runoff	2.7543 M	M
URBAN RUNOFF/STORM SEWERS	2.7543 M	M

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Maidford River**

Waterbody ID: RI0007035R-02A

Waterbody Type: R

Waterbody Size: 3.2132 M

Waterbody Description:
Maidford River from the headwaters to the confluence with Paradise Brook. Middletown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Water chemistry from the 1999 and 2000 Chemical Baseline Monitoring Project, and 1999 and 2000 biological data from the Rapid Bioassessment Protocol project were utilized to assess this portion of the Maidford River. The biological data, showed a moderately impaired community in 1999, and a non-impaired community in 2000. The lack of impairment during 2000 maybe due to an increase of flow. The 1999 and 2000 water chemistry data met current criteria for fecal coliform, and dissolved metals. The brook is assessed as partially supporting aquatic life use due to the history of an impaired biological community. The bacteria sampling indicated that the brook is fully supporting swimming use. Because sampling for drinking water use is collected at the terminal reservoir of the system and not within tributaries, Maidford River is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					3.2132
SWIMMABLE	3.2132				
AQUATIC LIFE SUPPORT			3.2132		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			3.2132
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	3.2132 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
low flow from drought conditions	3.2132 M	M
NATURAL SOURCES	3.2132 M	M
Highway/Road/Bridge Runoff	3.2132 M	M
URBAN RUNOFF/STORM SEWERS	3.2132 M	M

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Maidford River**

Waterbody ID: RI0007035R-02B

Waterbody Type: R

Waterbody Size: 0.9448 M

Waterbody Description:
Maidford River from the confluence with Paradise Brook to the end of the river at Third Beach, Middletown.

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Water chemistry from the 1999 and 2000 Chemical Baseline Monitoring Project, and 1999 and 2000 biological data from the Rapid Bioassessment Protocol project were utilized to assess this portion of the Maidford River. The biological data, showed a moderately impaired community in 1999, and a non-impaired community in 2000. The lack of impairment during 2000 was thought to be due to an increase of flow. The 1999 and 2000 water chemistry did not meet criteria for fecal coliform. The brook is assessed as partially supporting aquatic life use. The bacteria sampling indicated that the brook is partially supporting swimming use. Because sampling for drinking water use is collected at the terminal reservoir of the system and not within tributaries, Maidford River is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					0.9448
SWIMMABLE			0.9448		
AQUATIC LIFE SUPPORT			0.9448		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			0.9448
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	0.9448 M	M
PATHOGENS	0.9448 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
low flow from drought conditions	0.9448 M	M
NATURAL SOURCES	0.9448 M	M
SOURCE UNKNOWN	0.9448 M	H

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Paradise Brook**

Waterbody ID: RI0007035R-03

Waterbody Type: R

Waterbody Size: 1.8322 M

Waterbody Description:
Paradise Brook. Middletown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data collected in 2000 and 2001 by the RI Department of Health's Beach Program and DEM's Office of Compliance and Inspection were used to assess Paradise Brook. Only fecal coliform data was collected by both agencies. Pathogen data collected was exceeding criteria, which caused Paradise Brook to be assessed as partially supporting swimming use. Paradise Brook is unassessed for both aquatic life and drinking water uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.8322
SWIMMABLE			1.8322		
AQUATIC LIFE SUPPORT					1.8322

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	1.8322 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	1.8322 M	M

Subbasin Name: *Aquidneck Water Supply Tribs*

Waterbody Name: **Lawton Brook**

Waterbody ID: RI0007035R-04

Waterbody Type: R

Waterbody Size: 0.3788 M

Waterbody Description:
Lawton Brook. Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 Rapid Bioassessment Protocol data was used to assess Lawton Brook for aquatic lif use. Biological data collected, showed a severely impaired biological community in 1999, and a moderately impaired community in 2000. The physical habitat was shown to be not supporting. Aquatic life use is assessed as not supporting. Since no pathogen data was collected, Lawton Brool is unassessed for swimming.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.3788
AQUATIC LIFE SUPPORT				0.3788	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):**

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:	0.3788		

LAKES

Public Lake?: **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: **O, M, E, H, D or O/M etc.** **Trend Size:**

Trophic Trend: **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity:

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	0.3788 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Flow Regulation/Modification	0.3788 M	M
HYDROMODIFICATION	0.3788 M	M
Highway/Road/Bridge Runoff	0.3788 M	M
URBAN RUNOFF/STORM SEWERS	0.3788 M	M
Minor Municipal Point Source-dry and/or wet w	0.3788 M	M
MUNICIPAL POINT SOURCES	0.3788 M	M

Subbasin Name: *Jamestown Water Supply*

Waterbody Name: **North Carr Pond**

Waterbody ID: RI0007036L-01

Waterbody Description: North Carr Pond. Jamestown

Waterbody Type: L

Waterbody Size: 24.9551 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RI Department of Health Drinking Water Supply Data was used to assess North Carr Pond. Data collected showed North Carr Pond meeting drinking water requirements, and is assessed as fully supporting drinking water use. Since no other data was collected North Carr Pond is unassessed for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	24.9551				
SWIMMABLE					24.9551
AQUATIC LIFE SUPPORT					24.9551

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2224 **Lake Longitude:** 41.3151

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 24.9551

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Organics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Jamestown Water Supply*

Waterbody Name: **South Watson Pond**

Waterbody ID: RI0007036L-02

Waterbody Description: South Watson Pond. Jamestown

Waterbody Type: L

Waterbody Size: 4.5363 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RI Department of Health (RIDOH) Drinking Water Supply data was used to assess South Watson Pond. Data collected showed South Watson Pond meeting drinking water requirements. RIDOH does however consider South Watson Pond threatened due to naturally dark (tannic acid staining) water, which makes the pond difficult to treat. South Watson Pond is assessed as fully supporting but threatened for drinking water use. Since no other data was collected, South Watson Pond is unassessed for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY		4.5363			
SWIMMABLE					4.5363
AQUATIC LIFE SUPPORT					4.5363

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2255 **Lake Longitude:** 41.3043

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 4.5363

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Organics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Jamestown Water Supply*

Waterbody Name: **Jamestown Brook**

Waterbody ID: RI0007036R-01

Waterbody Type: R

Waterbody Size: 1.432 M

Waterbody Description: Jamestown Brook. Jamestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Water chemistry data from the 1999 and 2000 Chemical Baseline Monitoring Project, and 2000 biological data from the Rapid Bioassessment Protocol project were utilized to assess Jamestown Brook. The biological data, which has been collected since 1992, showed a moderately impaired community in 2000. The water chemistry data showed that levels of dissolved lead and iron were violating criteria. The brook is assessed as not supporting aquatic life use. The bacteria sampling indicated that the brook is partially supporting swimming use. Because sampling for drinking water use is collected at the terminal reservoir of the system and not within tributaries, Jamestown Brook is considered unassessed for drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					1.432
SWIMMABLE			1.432		
AQUATIC LIFE SUPPORT				1.432	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			1.432

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	1.432 M	M
Iron	1.432 M	H
BIODIVERSITY IMPACTS	1.432 M	H
Lead	1.432 M	H
METALS	1.432 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Highway/Road/Bridge Runoff	1.432 M	H
URBAN RUNOFF/STORM SEWERS	1.432 M	H
Channelization	1.432 M	H
HYDROMODIFICATION	1.432 M	H
low flow from drought conditions	1.432 M	H
NATURAL SOURCES	1.432 M	H

Subbasin Name: *Stafford Pond*

Waterbody Name: **Stafford Pond**

Waterbody ID: RI0007037L-01

Waterbody Type: L

Waterbody Size: 480.1274 A

Waterbody Description:
Stafford Pond. Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments:

Stafford Pond is located in the Taunton watershed, in the town of Tiverton. It has an area of approximately 480 acres, and an average depth of 3 meters. With a maximum depth of 7.3 meters, Stafford Pond is classified as a deep water body. The pond is managed as a public water supply. The RIDEM stocks Stafford Pond with trout, and considers it to have high trout fishing usage. The pond also supports a healthy warm water fishery. Stafford Pond has been monitored by URI Watershed Watch (URIWW) since 1992. 1999 and 2000 URIWW data and RI Department of Health (RIDOH) Drinking Water Supply Data were used to assess Stafford Pond for drinking water, swimming, and aquatic life use. Data collected in 1999 by the URI Watershed Watch Program showed total phosphorus levels exceeding criteria. Data collected by URIWW in 2000 showed a drop in total phosphorus levels. Stafford Pond is assessed as partially supporting for aquatic life us due to low dissolved oxygen levels, and the presence of excess algae, which are indications of hig nutrient levels still in the pond. Fecal coliform data met swimming criteria and Stafford Pond is assessed as fully supporting for swimming use. Data collected by RIDOH met criteria for drinking water use, and Stafford Pond is assessed as fully supporting this use. Overall, Stafford Pond is classified as a mesotrophic water body, which is leaning towards eutrophy.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	480.1274				
SWIMMABLE	480.1274				
AQUATIC LIFE SUPPORT			480.1274		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.91936 **Lake Longitude:** 41.38359

Trophic Status: ME **O, M, E, H, D or O/M etc.** **Trend Size:** 480.1274

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 480.1274

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	480.1274 A	M
LOW DO	480.1274 A	M
NUTRIENTS	480.1274 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Onsite Wastewater Systems (Septic Tanks)	480.1274 A	M
LAND DISPOSAL	480.1274 A	M
Highway/Road/Bridge Runoff	480.1274 A	M
URBAN RUNOFF/STORM SEWERS	480.1274 A	M
Confined Animal Feeding Operations (NPS)	480.1274 A	M
INTENSIVE ANIMAL FEEDING OPERATIONS	480.1274 A	M
AGRICULTURE	480.1274 A	M

Subbasin Name: *Stafford Pond*

Waterbody Name: **Sucker Brook**

Waterbody ID: RI0007037R-01

Waterbody Type: R

Waterbody Size: 0.8742 M

Waterbody Description:
Sucker Brook. Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Sucker Brook, located in Tiverton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					0.8742
SWIMMABLE					0.8742
AQUATIC LIFE SUPPORT					0.8742

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Tidal Pawcatuck River/Little Narragansett Bay*

Waterbody Name: **Tidal Pawcatuck River**

Waterbody ID: RI0008038E-01A

Waterbody Type: E

Waterbody Size: 0.3211 S

Waterbody Description: Tidal Pawcatuck River from Route 1 highway bridge to Pawcatuck Rock. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: An evaluated assessment was made for this portion of the Tidal Pawcatuck River based on a 1990 Report entitled "An Assessment of the Current Status of Water Quality and Pollution Sources in the Pawcatuck River Estuary and Little Narragansett Bay", by Alan Desbonnet of the Coastal Resources Center. The study found low dissolved oxygen levels in the channel. The area is permanently closed to shellfishing due to violations of fecal coliform criteria for shellfishing. This portion of the Tidal Pawcatuck River is assessed as not supporting swimming use and partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				0.3211	
AQUATIC LIFE SUPPORT			0.3211		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	0.3211 S	M
PATHOGENS	0.3211 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.3211 S	M
NATURAL SOURCES	0.3211 S	M
MARINAS AND RECREATIONAL BOATING	0.3211 S	M
Highway/Road/Bridge Runoff	0.3211 S	M
URBAN RUNOFF/STORM SEWERS	0.3211 S	M
Major Municipal Point Source-dry and/or wet w	0.3211 S	S
MUNICIPAL POINT SOURCES	0.3211 S	S

Subbasin Name: *Tidal Pawcatuck River/Little Narragansett Bay*

Waterbody Name: **Tidal Pawcatuck River**

Waterbody ID: RI0008038E-01B

Waterbody Type: E

Waterbody Size: 0.6889 S

Waterbody Description:
Tidal Pawcatuck River from Pawcatuck Rock to a line from Rhodes Point, RI to Pawcatuck Point, CT. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: An evaluated assessment was made for this portion of the Tidal Pawcatuck River based on RIDEM Shellfish Monitoring data and a 1990 report entitled "An Assessment of the Current Status of Water Quality and Pollution Sources in the Pawcatuck River Estuary and Little Narragansett Bay", by Alan Desbonnet of the Coastal Resources Center. This portion of the Tidal Pawcatuck River is Class SB and fecal coliform data indicate that the area is not supporting swimming use. Based on the report by Alan Desbonnet, an evaluated assessment was made as fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				0.6889	
AQUATIC LIFE SUPPORT	0.6889				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.6889 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.6889 S	H
NATURAL SOURCES	0.6889 S	H
MARINAS AND RECREATIONAL BOATING	0.6889 S	H
Highway/Road/Bridge Runoff	0.6889 S	H
URBAN RUNOFF/STORM SEWERS	0.6889 S	H

Subbasin Name: *Tidal Pawcatuck River/Little Narragansett Bay*

Waterbody Name: **Little Narragansett Bay**

Waterbody ID: RI0008038E-02A

Waterbody Type: E

Waterbody Size: 0.7893 S

Waterbody Description:
Little Narragansett Bay west of a line extending from Pawcatuck Point in Connecticut to Rhodes Point in Rhode Island, excluding the area described below. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Old RIDEM Shellfish Monitoring data was used to assess this portion of Little Narragansett Bay which is permanently closed to shellfishing. Fecal coliform data met criteria for swimming. Therefore swimming is assessed as fully supporting. Shellfishing was assessed as not supporting due to the permanent closure. An evaluated assessment was made by using best professional judgement for aquatic life use. Aquatic life use was assessed as fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.7893	
SWIMMABLE	0.7893				
AQUATIC LIFE SUPPORT	0.7893				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.7893 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.7893 S	H
MARINAS AND RECREATIONAL BOATING	0.7893 S	H
URBAN RUNOFF/STORM SEWERS	0.7893 S	H

Subbasin Name: *Tidal Pawcatuck River/Little Narragansett Bay*

Waterbody Name: **Little Narragansett Bay**

Waterbody ID: RI0008038E-02B

Waterbody Type: E

Waterbody Size: 0.3081 S

Waterbody Description:
Little Narragansett Bay including Watch Hill Cove, southeast of a line from the northernmost extension of land that forms Napatree Point to the westernmost point of land on the south side of the mouth of Fosters Cove. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM Shellfish Monitoring data collected through December of 2000 was used to assess this portion of Little Narragansett Bay which is permanently closed to shellfishing. Fecal coliform data met criteria for swimming. Therefore swimming was assessed as fully supporting. Shellfishing was assessed as not supporting due to the permanent closure. Aquatic life use was not assessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.3081	
SWIMMABLE	0.3081				
AQUATIC LIFE SUPPORT					0.3081

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.3081 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	0.3081 S	H
MARINAS AND RECREATIONAL BOATING	0.3081 S	H
URBAN RUNOFF/STORM SEWERS	0.3081 S	H

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Chapman Pond**

Waterbody ID: RI0008039L-01

Waterbody Type: L

Waterbody Size: 172.7655 A

Waterbody Description:
Chapman Pond. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
The 2002 assessment for Chapman Pond came from data collected as part of the 1991 Southern Rhode Island Lake Water Quality Assessment Project. In the late 1980's and early 1990's the URI Watershed Watch Program also monitored Chapman Pond. At that time Chapman Pond was classified as a eutrophic pond with abundant macrophytes. The lead concentrations detected exceeded the acute water quality criteria. The pond is potentially threatened by a salt pile and town landfill nearby. To obtain more recent data on the pond, DEM staff collected samples during 1998-1999. This data indicated that this is a mesotrophic waterbody and that the dissolved lead levels still exceed criteria. While the phosphorus levels are low, there are still noxious aquatic plants in the pond. The pond is assessed as partially supporting aquatic life use. Because the previous data is old and there is no new fecal coliform data, the pond is considered unassessed for swimming.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					172.7655
AQUATIC LIFE SUPPORT			172.7655		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.47597 **Lake Longitude:** 41.22419

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 172.7655

Trophic Trend: I **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 172.7655

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
NOXIOUS AQ. PLANTS native	172.7655 A	M
Lead	172.7655 A	M
METALS	172.7655 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Landfills	172.7655 A	M
LAND DISPOSAL	172.7655 A	M
Highway/Road/Bridge Runoff	172.7655 A	M
URBAN RUNOFF/STORM SEWERS	172.7655 A	M

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Watchaug Pond**

Waterbody ID: RI0008039L-02

Waterbody Type: L

Waterbody Size: 567.9165 A

Waterbody Description:
Watchaug Pond. Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Watchaug Pond is located in the Wood-Pawcatuck watershed in the town of Charlestown. Burlingame State Park and Campground surrounds three sides of the pond. The pond supports a healthy warm water fishery. Watchaug Pond has an area of 567 acres, and an average depth of 2.4 meters. With a maximum depth of 12.8 meters, it is categorized as a deep pond. Watchaug Pond has been monitored since 1988 by the URI Watershed Watch Program. 1999 and 2000 Watershed Watch data were used to assess Watchaug Pond for swimming and aquatic life use. Data collected met criteria, and Watchaug Pond is assessed as fully supporting for both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	567.9165				
AQUATIC LIFE SUPPORT	567.9165				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.41259 **Lake Longitude:** 41.22453

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 567.9165

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 567.9165

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Meadowbrook Pond (Sandy Pond)**

Waterbody ID: RI0008039L-05

Waterbody Type: L

Waterbody Size: 23.0632 A

Waterbody Description:
Meadowbrook Pond (Sandy Pond). Richmond

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments:
Meadowbrook Pond, also known as Sandy Pond, is located in the Wood-Pawcatuck watershed in the town of Richmond. Meadowbrook Pond is an impoundment of Meadow Brook, a tributary of the Pawcatuck River. The pond has an area of approximately 23 acres, and an average depth of 1.2 meters. With a maximum depth of 3 meters, Meadowbrook Pond is classified as a shallow water body. Meadowbrook Pond has been monitored by URI Watershed Watch (URIWW) since 1988. Overall, Meadowbrook Pond can be characterized as a mesotrophic/eutrophic water body. Data collected in 1999 and 2000 by URIWW was used for this assessment. Total phosphorus levels were elevated during both 1999 and 2000. A potential cause of the elevated phosphorus levels, may be the algaecide which was used to dose the pond during the summer of 2000. This dosing would kill of the aquatic plants and release the nutrients to the water column. The pond is assessed as fully supporting both swimming and aquatic life use. The RI Department of Health's (RIDOH) fish tissue sampling program found high levels of mercury in the fish of Meadowbrook Pond. The RIDOH issued an advisory against the consumption of any fish from the pond. Meadowbrook Pond is assessed as not supporting Fish Consumption Use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
FISH CONSUMPTION				23.0632	
SWIMMABLE	23.0632				
AQUATIC LIFE SUPPORT	23.0632				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.41296 **Lake Longitude:** 41.26233

Trophic Status: ME *O, M, E, H, D or O/M etc.* **Trend Size:** 23.0632

Trophic Trend: S *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 23.0632

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

PHYSICAL/CHEMICAL MONITORING

Fish tissue analysis

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Metals in fish tissue

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Mercury	23.0632 A	H
METALS	23.0632 A	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	23.0632 A	H

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Pasquiset Pond**

Waterbody ID: RI0008039L-06

Waterbody Type: L

Waterbody Size: 76.6163 A

Waterbody Description:
Pasquiset Pond. Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 URI Watershed Watch data was used to assess Pasquiset Pond for swimming and aquatic life uses. Secchi measurements taken showed poor water clarity for Pasquiset Pond. All other parameters measured, however, met criteria. This pond is a good example of how secchi measurements may not always be a good indicator of trophic status. Pasquiset Pond is assessed as fully supporting for both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	76.6163				
AQUATIC LIFE SUPPORT	76.6163				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.37546 **Lake Longitude:** 41.25366

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 76.6163

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 76.6163

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Worden Pond**

Waterbody ID: RI0008039L-07

Waterbody Type: L

Waterbody Size: 1051.175 A

Waterbody Description:
Worden Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:

Worden Pond is located in the Wood-Pawcatuck watershed in the town of South Kingstown. It is the largest pond in the state of Rhode Island, covering an area of approximately 1051 acres. It has an average depth of 1.2 meters. With a typical maximum depth of 2 meters, Worden Pond is classified as a shallow water body. Worden Pond sustains a healthy warm water fishery, and is known for its excellent bass and pickerel fishing. Worden Pond has been monitored to some degree since 1988 by the URI Watershed Watch Program. 1999 and 2000 URI Watershed Watch data were used to assess Worden Pond for swimming and aquatic life uses. Data collected in 2000 (a wetter year) wa slightly higher overall than data collected in 1999. All data met criteria for both years and Worden Pond is assessed as fully supporting both aquatic life and swimming uses. Overall, Worden Pond is classified as a shallow, mesotrophic water body.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1051.175				
AQUATIC LIFE SUPPORT	1051.175				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.34354 **Lake Longitude:** 41.25564

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 1051.175

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 1051.175

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Tucker Pond**

Waterbody ID: RI0008039L-08

Waterbody Type: L

Waterbody Size: 92.9675 A

Waterbody Description:
Tucker Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Tucker Pond is located in the Wood-Pawcatuck watershed in the town of South Kingstown. It has ar area of approximately 92 acres, and an average depth of 3.4 meters. With a maximum depth of 9.8 meters, the pond is classified as a deep water body. The pond does support a warm water fishery. Tucker Pond has been monitored since 1991by the URI Watershed Watch Program. 1999 and 2000 URI Watershed Watch (URIWW) data were utilized to make this assessment for Tucker Pond. The pond showed low dissolved oxygen in the bottom waters however, URIWW believes this is a natural situation given that the pond is in a hollow with an island in the middle. There is not a lot of mixing of the water. In general, the data collected by URIWW met criteria, and Tucker Pond is assessed as fully supporting for both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	92.9675				
AQUATIC LIFE SUPPORT	92.9675				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.33102 **Lake Longitude:** 41.25262

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 92.9675

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 92.9675

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Larkin Pond**

Waterbody ID: RI0008039L-11

Waterbody Type: L

Waterbody Size: 41.6622 A

Waterbody Description:
Larkin Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Larkin Pond, located in South Kingstown is a kettle hole that is groundwater fed. 1999 and 2000 URI Watershed Watch (URIWW) data, and RIDOH Bathing Beaches data was used to assess Larkin Pond for swimming and aquatic life use. URIWW and RIDOH data showed Larkin Pond is meeting criteria for both swimming and aquatic life use. Larkin Pond is assessed as fully supporting both of these uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	41.6622				
AQUATIC LIFE SUPPORT	41.6622				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.333 **Lake Longitude:** 41.28116

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 41.6622

Trophic Trend: D **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 41.6622

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

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ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Thirty Acre Pond**

Waterbody ID: RI0008039L-12

Waterbody Type: L

Waterbody Size: 15.1545 A

Waterbody Description:
Thirty Acre Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Thirty Acre Pond, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					15.1545
AQUATIC LIFE SUPPORT					15.1545

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3243 **Lake Longitude:** 41.2929

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 15.1545

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Hundred Acre Pond**

Waterbody ID: RI0008039L-13

Waterbody Type: L

Waterbody Size: 84.1634 A

Waterbody Description:
Hundred Acre Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Hundred Acre Pond is located in the Wood-Pawcatuck watershed in the town of South Kingstown. Despite its name, Hundred Acre Pond only has an area of approximately 84 acres. With an average depth of 5.5 meters, and a maximum depth of 11.6 meters, it is classified as a deep waterbody. Hundred Acre Pond has been monitored by URI Watershed Watch (URIWW) since 1988. Overall, Hundred Acre Pond is classified as a mesotrophic waterbody. Data collected in 1999 and 2000 by URIWW was used for this assessment. Dissolved oxygen data collected was violating criteria during both years, therefore, Hundred Acre Pond is assessed as partially supporting aquatic life use. Pathogen data collected met swimming criteria, and Hundred Acre Pond is assessed as fully supporting its swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	84.16				
AQUATIC LIFE SUPPORT			84.16		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3232 **Lake Longitude:** 41.2959

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 84.16

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 84.16

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
EXCESS ALGAL GROWTH/CHL-	84.16 A	M
NOXIOUS AQ. PLANTS native	84.16 A	M
LOW DO	84.16 A	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Flow Regulation/Modification	84.16 A	M
HYDROMODIFICATION	84.16 A	M
Irrigated Crop Production	84.16 A	M
AGRICULTURE	84.16 A	M

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Barber Pond**

Waterbody ID: RI0008039L-14

Waterbody Type: L

Waterbody Size: 28.1592 A

Waterbody Description:
Barber Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments:
Data collected in 1999 and 2000 by URI Watershed Watch was used to assess Barber Pond. Water quality in this mesotrophic pond, which has been monitored since 1988 by the URI Watershed Watch Program, has fluctuated greatly but has seen a steady improvement in recent years. The pond has a state boat launch ramp but the use of gasoline powered motor boats is prohibited by Town Ordinance. With a maximum depth of 18 feet, the pond is classified as a deep waterbody. The waters of Barber Pond are naturally heavily stained by tannic acids. This reduces water clarity, preventing secchi depths from better reflecting the pond's improvement. Dissolved oxygen, measured at depth is anoxic for most of the summer indicating that the pond is incapable of sustaining fish at those depths. These anoxic conditions also contribute to nutrient recycling, which was probably responsible for the brief algal bloom associated with de-stratification which has becom characteristic of Barber Pond. Staff also noticed storm drains from new subdivisions which may be impacting the pond. Fecal coliform levels were within swimming criteria levels. The pond is assessed as partially supporting aquatic life use and fully supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	28.16				
AQUATIC LIFE SUPPORT			28.16		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.33575 **Lake Longitude:** 41.30893

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 28.16

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 28.16

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	28.16 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
INTERNAL NUTRIENT CYCLING (primarily lak	28.16 A	M
Streambank Modification/Destabilization	28.16 A	M
HABITAT MODIFICATION (OTHER THAN HY	28.16 A	M
HYDROMODIFICATION	28.16 A	M
Erosion and Sedimentation	28.16 A	M
Highway/Road/Bridge Runoff	28.16 A	M
URBAN RUNOFF/STORM SEWERS	28.16 A	M

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Yawgoo Pond**

Waterbody ID: RI0008039L-15

Waterbody Type: L

Waterbody Size: 143.3521 A

Waterbody Description:
Yawgoo Pond. Exeter, South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments:
Yawgoo Pond is located in the Wood-Pawcatuck watershed, on the border between Exeter and South Kingstown. It has an area of approximately 143 acres, with an average depth of 4 meters. With a maximum depth of 10 meters, Yawgoo Pond is classified as a deep water body. Monitoring on Yawgoo Pond was initiated in 1988 by the URI Watershed Watch Program. 1999, 2000 and some 2001 URI Watershed Watch data was used to assess Yawgoo Pond for swimming and aquatic life uses. The total phosphorus levels in 1999 and 2000 were high but did not violate criteria. Summer 2001 data showed exceedences of total phosphorus, and low dissolved oxygen. Blue-green algae blooms were also noted, which may be due to the elevated levels of total phosphorus. These violations caused Yawgoo Pond to be assessed as partially supporting aquatic life use. Pathogen data collected met swimming criteria, and Yawgoo Pond is assessed as fully supporting the swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	143.3521				
AQUATIC LIFE SUPPORT			143.3521		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.34323 **Lake Longitude:** 41.30368

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 143.3521

Trophic Trend: D **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 143.3521

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	143.3521 A	M
EXCESS ALGAL GROWTH/CHL-	143.3521 A	M
Phosphorus	143.3521 A	M
NUTRIENTS	143.3521 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
INTERNAL NUTRIENT CYCLING (primarily lak	143.3521 A	M
GROUNDWATER LOADINGS	143.3521 A	M
Land Development	143.3521 A	M
CONSTRUCTION	143.3521 A	M

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Yawgoo Mill Pond**

Waterbody ID: RI0008039L-16

Waterbody Description: Yawgoo Mill Pond. Exeter

Waterbody Type: L

Waterbody Size: 16.429 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Yawgoo Mill Pond, located in Exeter, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					16.429
AQUATIC LIFE SUPPORT					16.429

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.312 **Lake Longitude:** 41.3119

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 16.429

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Glen Rock Reservoir**

Waterbody ID: RI0008039L-19

Waterbody Type: L

Waterbody Size: 30.2511 A

Waterbody Description:
Glen Rock Reservoir. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: URI Watershed Watch (URIWW) Data collected in 1999 and 2000 was used to assess Glen Rock Reservoir. Glen Rock Reservoir, also known as Queens River at Usquepaugh by URIWW is located in the Wood-Pawcatuck Watershed in the town of South Kingstown. The reservoir has an area of approximately 30 acres and an average depth of 1.5 meters. With a maximum depth of 2.8 meters, it is categorized as a shallow water body. The reservoir is the terminus of the Queen River. Queen River at Usquepaugh has been monitored to varying degrees from 1988 until 1994. All data collected in 1999 and 2000 met criteria, and Glen Rock Reservoir is assessed as fully supporting both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	30.2511				
AQUATIC LIFE SUPPORT	30.2511				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 30.2511

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 30.2511

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **James Pond**

Waterbody ID: RI0008039L-20

Waterbody Type: L

Waterbody Size: 23.6756 A

Waterbody Description: James Pond. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: James Pond, located in Exeter, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					23.6756
AQUATIC LIFE SUPPORT					23.6756

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 23.6756

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **The Reservoir**

Waterbody ID: RI0008039L-21

Waterbody Type: L

Waterbody Size: 21.4851 A

Waterbody Description:
The Reservoir. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: The Reservoir, located in Exeter, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					21.4851
AQUATIC LIFE SUPPORT					21.4851

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 21.4851

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Maple Lake**

Waterbody ID: RI0008039L-22

Waterbody Type: L

Waterbody Size: 14.4186 A

Waterbody Description:
Maple Lake. Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Maple Lake, located in Charlestown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					14.4186
AQUATIC LIFE SUPPORT					14.4186

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 14.4186

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Alewife Brook**

Waterbody ID: RI0008039R-01

Waterbody Type: R

Waterbody Size: 1.0811 M

Waterbody Description:
Alewife Brook. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Alewife Brook, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.0811
AQUATIC LIFE SUPPORT					1.0811

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Ashaway River**

Waterbody ID: RI0008039R-02A

Waterbody Type: R

Waterbody Size: 1.4893 M

Waterbody Description:
Ashaway River headwaters south to the Ashaway Road highway bridg
Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: The 1999 and 2000 Chemical Baseline data and 1999 and 2000 Rapid Bioassessment Protocol (RBP) data were used to assess this portion of the Ashaway River. The river showed numerous exceedances of chronic dissolved lead and cadmium criteria. The biological data showed a slightly impaired biological community and physical habitat in 1999, and a fully supporting, non-impaired habitat in 2000. The river is assessed as partially supporting aquatic life use. The fecal coliform data indicated that the river is fully supporting the swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.4893				
AQUATIC LIFE SUPPORT			1.4893		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			1.4893
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Lead	1.4893 M	M
Cadmium	1.4893 M	M
METALS	1.4893 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	1.4893 M	M
Highway/Road/Bridge Runoff	1.4893 M	M
URBAN RUNOFF/STORM SEWERS	1.4893 M	M

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Ashaway River**

Waterbody ID: RI0008039R-02B

Waterbody Type: R

Waterbody Size: 0.984 M

Waterbody Description:
Ashaway River from the Ashaway Road highway bridge to its confluenc
with the Pawcatuck River. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of the Ashaway River is unassessed. The Rapid Bioassessment and Chemical Baseline Stations on the Ashaway River are representative of the upstream portion of the river only.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.984
AQUATIC LIFE SUPPORT					0.984

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Beaver River**

Waterbody ID: RI0008039R-03

Waterbody Type: R

Waterbody Size: 10.5408 M

Waterbody Description:
Beaver River. Exeter, Richmond

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design Data, 1999 and 2000 Chemical Baseline Data, 1999 and 2000 URI Watershed Watch Tributary Data, and 1999 and 2000 Rapid Bioassessment Protocol (RBP) Data were used to assess Beaver River. The RBP data showed a slightly impaired physical habitat for both 1999 and 2000. Data collected in 2000 displayed a good population of quality organisms. This area is thought to be affected by flow. Chemical Baseline data had a few violations of dissolved Cadmium and Lead criteria. The other tributary and Random Sampling Design data met criteria. Aquatic life use is assessed as fully supporting. Fecal coliform data met the swimming criteria, and Beaver River is assessed as fully supporting for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	10.5408				
AQUATIC LIFE SUPPORT	10.5408				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			10.5408
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Cedar Swamp Brook**

Waterbody ID: RI0008039R-04

Waterbody Type: R

Waterbody Size: 2.3599 M

Waterbody Description:
Cedar Swamp Brook. Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Cedar Swamp Brook is a small tributary to the Pawcatuck River. Summer 2000 Random Sampling Design data was used to assess Cedar Swamp Brook, which was previously unassessed. Dissolve metals were meeting current criteria. Cedar Swamp Brook is assessed as fully supporting aquatic life use. Since no pathogen data was collected, Cedar Swamp Brook is unassessed for swimming use

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.3599
AQUATIC LIFE SUPPORT	2.3599				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.3599	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Metals in water column

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Chickasheen Brook**

Waterbody ID: RI0008039R-05A

Waterbody Type: R

Waterbody Size: 1.5856 M

Waterbody Description:
Chickasheen Brook headwaters to Yawgoo Pond. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 URI Watershed Watch Data was used to assess this portion of Chickasheen Brook. A Watershed Watch special project was conducted on Chickasheen Brook from 1990-1994. Currently the Watershed Watch program monitors several stations along the brook. A special study of the brook in 1999 and 2000 showed elevated levels of total nitrogen and total phosphorus levels were exceeding criteria. Due to this data, this portion of Chickasheen Brook is assessed as not supporting aquatic life use. The pathogen data met criteria and the brook is therefore assessed as fully supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.5856				
AQUATIC LIFE SUPPORT				1.5856	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:		1.5856	

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
NOXIOUS AQ. PLANTS native	1.5856 M	H
Phosphorus	1.5856 M	H
NUTRIENTS	1.5856 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	1.5856 M	H

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Chickasheen Brook**

Waterbody ID: RI0008039R-05B

Waterbody Type: R

Waterbody Size: 4.6557 M

Waterbody Description:
Chickasheen Brook from the Yawgoo Pond outlet to the confluence with the Usquepaug river. South Kingstown, Richmond

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 URI Watershed Watch Data was used to assess this portion of Chickasheen Brook. A Watershed Watch special project was conducted on Chickasheen Brook from 1990-1994. Currently the Watershed Watch program monitors several stations along the brook. The data collected in 1999 and 2000 met criteria, and this portion of Chickasheen Brook is assessed as fully supporting both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	4.6557				
AQUATIC LIFE SUPPORT	4.6557				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		4.6557	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Chipuxet River**

Waterbody ID: RI0008039R-06A

Waterbody Type: R

Waterbody Size: 0.8951 M

Waterbody Description:
Chipuxet River headwaters to the entrance of Yawgoo Mill Pond. North Kingstown, Exeter

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of the Chipuxet River, which travels through North Kingstown and Exeter, is unassesse

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.8951
AQUATIC LIFE SUPPORT					0.8951

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Chipuxet River**

Waterbody ID: RI0008039R-06B

Waterbody Type: R

Waterbody Size: 1.5058 M

Waterbody Description:
Chipuxet River from outlet of Yawgoo Mill Pond to the entrance of Hundred Acre Pond. Exeter, South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
1999 and 2000 Chemical Baseline Data, and 1999 and 2000 Rapid Bioassessent Protocol Data was used to assess this portion of the Chipuxet River. The biological data showed a slight impairment in the physical habitat during both 1999 and 2000. These impairments are thought to be flow-impacted from water withdrawals by a number of sources. Chemical Baseline data showed both dissolved cadmium and lead violated criteria. Fecal coliform data met criteria for swimming use. Based on these data sets, swimming use was assessed as fully supporting, and aquatic life use was assesse as partially supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.5058				
AQUATIC LIFE SUPPORT			1.5058		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2,3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			1.5058
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	1.5058 M	M
Lead	1.5058 M	M
Cadmium	1.5058 M	M
METALS	1.5058 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	1.5058 M	M
Flow Regulation/Modification	1.5058 M	M
HYDROMODIFICATION	1.5058 M	M
URBAN RUNOFF/STORM SEWERS	1.5058 M	M
Irrigated Crop Production	1.5058 M	M
AGRICULTURE	1.5058 M	M

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Chipuxet River**

Waterbody ID: RI0008039R-06C

Waterbody Type: R

Waterbody Size: 3.8508 M

Waterbody Description:
Chipuxet River from outlet of Hundred Acre Pond to the entrance into Warden Pond, excluding Thirty Acre Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of the Chipuxet River, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.8508
AQUATIC LIFE SUPPORT					3.8508

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Fisherville Brook**

Waterbody ID: RI0008039R-07

Waterbody Type: R

Waterbody Size: 5.0886 M

Waterbody Description:
Fisherville Brook. West Greenwich, Exeter

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The assessment for Fisherville Brook is from data collected by the URI Watershed Watch Queens River Special Project. The data was collected between 1990 and 1997. Fisherville Brook is assessed as fully supporting both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	5.0886				
AQUATIC LIFE SUPPORT	5.0886				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		5.0886	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Genessee Brook**

Waterbody ID: RI0008039R-08

Waterbody Type: R

Waterbody Size: 1.0973 M

Waterbody Description:
Genessee Brook. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Genessee Brook, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.0973
AQUATIC LIFE SUPPORT					1.0973

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Glen Rock Brook**

Waterbody ID: RI0008039R-09

Waterbody Type: R

Waterbody Size: 2.9351 M

Waterbody Description:
Glen Rock Brook. Richmond, South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Glen Rock Brook, which travels through Richmond and South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.9351
AQUATIC LIFE SUPPORT					2.9351

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Locke Brook**

Waterbody ID: RI0008039R-10

Waterbody Type: R

Waterbody Size: 2.9072 M

Waterbody Description: Locke Brook. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Locke Brook, from data collected by the URI Watershed Watch Program, Queens River Special Project. The data was collected between 1990 and 1997. The brook is assessed as fully supporting both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.9072				
AQUATIC LIFE SUPPORT	2.9072				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.9072	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Mastuxet Brook**

Waterbody ID: RI0008039R-11

Waterbody Type: R

Waterbody Size: 1.7359 M

Waterbody Description: Mastuxet Brook. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mastuxet Brook, located in Westerly, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.7359
AQUATIC LIFE SUPPORT					1.7359

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **McGowan Brook**

Waterbody ID: RI0008039R-12

Waterbody Type: R

Waterbody Size: 0.7669 M

Waterbody Description: McGowan Brook. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: McGowan Brook, located in Westerly, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.7669
AQUATIC LIFE SUPPORT					0.7669

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Meadow Brook**

Waterbody ID: RI0008039R-13

Waterbody Type: R

Waterbody Size: 7.9521 M

Waterbody Description:
Meadow Brook from the headwaters to the confluence with the Pawcatuck River. Richmond

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design Data, 1999 and 2000 Chemical Baseline Data, 1999 and 2000 URI Watershed Watch Tributary Data, and 1999 and 2000 Rapid Bioassessment Protocol Data were used to assess Meadow Brook. The Rapid Bioassessment data showed a fully supporting habitat with a slightly impaired biological community in 1999 and a non-impaired biological community in 2000. The improvement of the biological community during 2000 could be due to the increased flow during the summer months. Chemical Baseline data showed elevated levels of dissolved cadmium and lead. The Random Sampling Design data indicated elevated levels of total phosphorus. The Watershed Watch tributary data and Random Sampling Design data met criteria for aquatic life. Due to the biological data, Meadow Brook is assessed as fully supporting aquatic life use. Fecal coliform met the swimming criteria, and was assessed as fully supporting for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	7.9521				
AQUATIC LIFE SUPPORT	7.9521				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			7.9521
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Mile Brook**

Waterbody ID: RI0008039R-14

Waterbody Type: R

Waterbody Size: 1.974 M

Waterbody Description:
Mile Brook. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mile Brook, located in Hopkinton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.974
AQUATIC LIFE SUPPORT					1.974

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Mink Brook**

Waterbody ID: RI0008039R-15

Waterbody Type: R

Waterbody Size: 1.6271 M

Waterbody Description:
Mink Brook. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mink Brook, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.6271
AQUATIC LIFE SUPPORT					1.6271

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Pasquiset Brook**

Waterbody ID: RI0008039R-17

Waterbody Type: R

Waterbody Size: 1.2759 M

Waterbody Description:
Pasquiset Brook. Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Pasquiset Brook, located in Charlestown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.2759
AQUATIC LIFE SUPPORT					1.2759

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Pawcatuck River**

Waterbody ID: RI0008039R-18A

Waterbody Type: R

Waterbody Size: 3.0021 M

Waterbody Description:
Pawcatuck River from Warden Pond to the dam at Kenyon. South Kingstown, Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This section of the Pawcatuck River, which travels through South Kingstown and Charlestown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.0021
AQUATIC LIFE SUPPORT					3.0021

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4,5

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Pawcatuck River**

Waterbody ID: RI0008039R-18B

Waterbody Type: R

Waterbody Size: 1.8198 M

Waterbody Description:
Pawcatuck River from the dam at Kenyon to the beginning of the Carolina Mill Pond in Carolina. Richmond, Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Kenyon Industry effluent toxicity tests (required by RIDEM) were used to assess this portion of the Pawcatuck River. Tests showed toxicity problems evident in the effluent, therefore, this portion of the Pawcatuck is assessed as partially supporting aquatic life use. The river is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.8198
AQUATIC LIFE SUPPORT			1.8198		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 5

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:	1.8198		
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Effluent toxicity testing, chronic

Effluent toxicity testing, acute

TOXICITY TESTING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Toxicity testing of discharges

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
UNKNOWN TOXICITY	1.8198 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Major Industrial Point Source	1.8198 M	M
INDUSTRIAL POINT SOURCES	1.8198 M	M

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Pawcatuck River**

Waterbody ID: RI0008039R-18C

Waterbody Type: R

Waterbody Size: 11.6805 M

Waterbody Description:
Pawcatuck River from the entrance to the Carolina Mill Pond to the Bradford Dyeing Associates WWTF discharge point. Richmond, Charlestown, Hopkinton, Westerly

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
1997 and 1998 URI Watershed Watch (URIWW) River Sampling Data was used to assess this portion of the Pawcatuck River. The sampling station is located at the Pawcatuck River at Bradford, which is in the town of Westerly. The RIDEM stocks sections of the Pawcatuck River with trout, with some trout fishing in the Bradford area. The Pawcatuck River at Bradford has been monitored since 1988. This portion of the Pawcatuck is classified as a moderately nutrient enriched water body. The URIWW data collected indicated that this portion of the river is fully supporting for both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	11.6805				
AQUATIC LIFE SUPPORT	11.6805				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 5

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		11.6805	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Pawcatuck River**

Waterbody ID: RI0008039R-18D

Waterbody Type: R

Waterbody Size: 5.2533 M

Waterbody Description:
Pawcatuck River from the Bradford Dyeing Associates WWTF discharge point to the Route 3 bridge crossing. Hopkinton, Westerly

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data collected from RIDEM's Artificial Substrate surveys, and 1997 and 1998 URI Watershed Watch (URIWW) tributary data was used to assess this portion of the Pawcatuck River. The sampling station is located at the Pawcatuck River at Potter Hill, which is in the town of Westerly. The Pawcatuck River has been monitored at Potter Hill since 1988. The macroinvertebrate data indicated that aquatic life use is not supporting. Fecal coliform data collected met swimming criteria and this portion of the Pawcatuck is assessed as fully supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	5.2533				
AQUATIC LIFE SUPPORT				5.2533	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 5

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			5.2533

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

Benthic macroinvertebrate surveys

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	5.2533 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
GROUNDWATER LOADINGS	5.2533 M	H
Major Industrial Point Source	5.2533 M	H
INDUSTRIAL POINT SOURCES	5.2533 M	H

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Pawcatuck River**

Waterbody ID: RI0008039R-18E

Waterbody Type: R

Waterbody Size: 7.08 M

Waterbody Description:
Pawcatuck River from the Route 3 bridge crossing to the Route 1 highway bridge at the junction of Main Street and Broad Street in Westerly. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design data, USGS Gauge data, 1999 and 2000 Rapid Bioassessment data, and 1999 and 2000 Artificial Substrate data were used to assess this portion o the Pawcatuck River. The 2000 Random Sampling data and USGS data found elevated levels of dissolved lead. The biological community was slightly impaired in 1999, and not impaired in 2000. The physical habitat is considered slightly impaired. This section of the Pawcatuck River is assessed as fully supporting for both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	7.08				
AQUATIC LIFE SUPPORT	7.08				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 5

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			7.08
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

Ecological/habitat surveys

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Perry Healy Brook**

Waterbody ID: RI0008039R-19

Waterbody Type: R

Waterbody Size: 2.1182 M

Waterbody Description:
Perry Healy Brook. Westerly, Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 & 2000 URI Watershed Watch data was used to assess Perry Healy Brook. Perry Healy Brook is a small tributary to the Pawcatuck River. The data indicated that the brook is fully supporting swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.1182				
AQUATIC LIFE SUPPORT	2.1182				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.1182	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Poquiant Brook**

Waterbody ID: RI0008039R-20

Waterbody Type: R

Waterbody Size: 1.8902 M

Waterbody Description:
Poquiant Brook. Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Poquiant Brook, located in Charlestown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.8902
AQUATIC LIFE SUPPORT					1.8902

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Queens River**

Waterbody ID: RI0008039R-21A

Waterbody Type: R

Waterbody Size: 4.5136 M

Waterbody Description:
Queens River from headwaters south to its entrance into Bear Swamp ir Exeter. West Greenwich, Exeter

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Data collected during 1990-1997 by the URI Watershed Watch Queens River Special Study and the 1999 and 2000 URI Watershed Watch tributary data were used to assess this portion of the Queens River. In addition, data was extrapolated from the 1999 -2000 Chemical Baseline and 1999-2000 Rapid Bioassessment Protocol stations located further downstream on the Queens River. The data indicated that this portion of the Queens River is fully supporting both aquatic life and swimming uses

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	4.5136				
AQUATIC LIFE SUPPORT	4.5136				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			4.5136
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Queens River**

Waterbody ID: RI0008039R-21B

Waterbody Type: R

Waterbody Size: 0.9718 M

Waterbody Description:
Queens River from its entrance into Bear Swamp to its confluence with Queens Fort Brook. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Data collected during the Summer 2000 Random Sampling Design project, Watershed Watch Queens River Special Study (1990-1997), and the 1999-2000 URI Watershed Watch tributary monitoring were used to assess this portion of the Queens River. Within the past few years, total Phosphorus levels on the Queens River have been generally quite low, except for one sampling station located near the Ladd Center discharge. This site had treated effluent which appeared to cause elevated levels of total phosphorus. In 1995 the discharge was eliminated and the data collected since has been steadily improving. Recent data indicate that this portion of the Queens River is fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.9718				
AQUATIC LIFE SUPPORT	0.9718				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.9718	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Queens River**

Waterbody ID: RI0008039R-21C

Waterbody Type: R

Waterbody Size: 3.9879 M

Waterbody Description:
Queens River from its confluence with Queens Fort Brook to Glen Rock Reservoir. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Data collected during the 1999 and 2000 Chemical Baseline Project, 199 -2000 Rapid Bioassessment Protocol Project, 2000 URI Watershed Watch tributary monitoring, and data from the Watershed Watch Queens River Special Study (1990-1997), were used to assess this portion of the Queens River. Data used for this assessment met criteria and this portion of the Queens River is assessed as fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.9879				
AQUATIC LIFE SUPPORT	3.9879				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			3.9879
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Sodom Brook**

Waterbody ID: RI0008039R-22

Waterbody Type: R

Waterbody Size: 3.7711 M

Waterbody Description: Sodom Brook. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Sodom Brook from data collected downstream on Fisherville Brook as part of the URI Watershed Watch Queens River Special Project. Data was collected for this project between 1990 and 1997. The brook is assessed as fully supporting both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.7711				
AQUATIC LIFE SUPPORT	3.7711				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.7711	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Taney Brook**

Waterbody ID: RI0008039R-23

Waterbody Type: R

Waterbody Size: 1.6646 M

Waterbody Description: Taney Brook. Richmond

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Taney Brook, located in Richmond, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.6646
AQUATIC LIFE SUPPORT					1.6646

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Tomaquag Brook**

Waterbody ID: RI0008039R-24

Waterbody Type: R

Waterbody Size: 6.8387 M

Waterbody Description: Tomaquag Brook. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 Chemical Baseline data and 1999 and 2000 Rapid Bioassessment Protocol (RBP) data were used to assess Tomaquag Brook for swimming and aquatic life use. The Chemical Baseline data showed numerous violations for both dissolved cadmium and lead. RBP data showed the physical habitat was moderately impaired in 1999, and not impaired for 2000. 2000 had a significantly large amount of rain compared to 1999. This brook is thought to be flow-impacted, therefore, the increase in flow directly influences the macroinvertebrate community. Fecal coliform data met swimming criteria, and Tomaquag Brook is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	6.8387				
AQUATIC LIFE SUPPORT	6.8387				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			6.8387
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Usquepaug River**

Waterbody ID: RI0008039R-25

Waterbody Type: R

Waterbody Size: 5.2379 M

Waterbody Description:
Usquepaug River from Glen Rock Reservoir to the confluence with the Pawcatuck River. Richmond, Charlestown, South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: The Usquepaug River, which travels through Richmond, Charlestown, and South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					5.2379
AQUATIC LIFE SUPPORT					5.2379

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **White Brook**

Waterbody ID: RI0008039R-26

Waterbody Type: R

Waterbody Size: 1.9446 M

Waterbody Description: White Brook. Richmond

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: White Brook, located in Richmond, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.9446
AQUATIC LIFE SUPPORT					1.9446

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **White Horn Brook**

Waterbody ID: RI0008039R-27A

Waterbody Type: R

Waterbody Size: 1.1323 M

Waterbody Description:
White Horn Brook headwaters to Route 138. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: White Horn Brook, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.1323
AQUATIC LIFE SUPPORT					1.1323

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **White Horn Brook**

Waterbody ID: RI0008039R-27B

Waterbody Type: R

Waterbody Size: 3.6767 M

Waterbody Description:
White Horn Brook from Route 138 to the wetlands associated with and due east of, Worden Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: White Horn Brook, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.6767
AQUATIC LIFE SUPPORT					3.6767

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Pendock River**

Waterbody ID: RI0008039R-29

Waterbody Type: R

Waterbody Size: 1.1395 M

Waterbody Description:
Pendock River. West Greenwich, Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Pendock River, from data collected downstream on Fisherville Brook by the URI Watershed Watch Queens River Special Project. The data, collected between 1990- 1997 was meeting all criteria, and Pendock River is therefore assessed as fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.1395				
AQUATIC LIFE SUPPORT	1.1395				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.1395	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Dutemple Brook**

Waterbody ID: RI0008039R-30

Waterbody Description: Dutemple Brook. Exeter

Waterbody Type: R

Waterbody Size: 1.8301 M

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Dutemple Brook is a first order stream in the Queens River subbasin. A special project conducted on the Queens River and tributaries between 1990-1997 by the URI Watershed Watch Program was used to make an evaluated assessment of Dutemple Brook. Data from a downstream station on Fisherville Brook, which Dutemple flows into, was extrapolated upstream to assess Dutemple Brook. This data showed that both aquatic life and swimming use are fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.8301				
AQUATIC LIFE SUPPORT	1.8301				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.8301	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Queens Fort Brook**

Waterbody ID: RI0008039R-31A

Waterbody Type: R

Waterbody Size: 2.4003 M

Waterbody Description:
Queens Fort Brook headwaters to 3/4 mile south of Victory Highway (Route 102). Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Queens Fort Brook by extrapolating data collected on the Queens River under the URI Watershed Watch Queens River Project, the 1999 and 2000 Chemical Baseline Project, and the 1999-2000 Rapid Bioassessment Project. Based on these data sets, this portion of Queens Fort Brook is evaluated as fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.4003				
AQUATIC LIFE SUPPORT	2.4003				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			2.4003
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Queens Fort Brook**

Waterbody ID: RI0008039R-31B

Waterbody Type: R

Waterbody Size: 3.4508 M

Waterbody Description:
Queens Fort Brook from 3/4 mile south of Victory Highway (Route 102) to the confluence with the Queens River. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Queens Fort Brook by extrapolating data collected on the Queens River under the URI Watershed Watch Queens River Project, the 1999 and 2000 Chemical Baseline Project, and the 1999-2000 Rapid Bioassessment Project. Based on these data sets, this portion of Queens Fort Brook is evaluated as fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.4508				
AQUATIC LIFE SUPPORT	3.4508				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			3.4508
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Rake Factory Brook**

Waterbody ID: RI0008039R-32

Waterbody Type: R

Waterbody Size: 1.1653 M

Waterbody Description:
Rake Factory Brook. Exeter, South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Rake Factory Brook using data collected downstream on the Queens River by the URI Watershed Watch Queens River Special Project (1990-1997). The brook is assessed as fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.1653				
AQUATIC LIFE SUPPORT	1.1653				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.1653	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Reuben Brown Brook**

Waterbody ID: RI0008039R-33

Waterbody Type: R

Waterbody Size: 1.6043 M

Waterbody Description:
Reuben Brown Brook. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Reuben Brown Brook using data collected downstream at a Chemical Baseline and Rapid Bioassessment Station on the Queens River. The downstream data indicate that the brook is fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.6043				
AQUATIC LIFE SUPPORT	1.6043				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			1.6043
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Sherman Brook**

Waterbody ID: RI0008039R-34

Waterbody Type: R

Waterbody Size: 2.124 M

Waterbody Description:
Sherman Brook. Exeter, South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Sherman Brook, which travels through Exeter and South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.124
AQUATIC LIFE SUPPORT					2.124

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Aguntaug Brook**

Waterbody ID: RI0008039R-35

Waterbody Type: R

Waterbody Size: 0.5823 M

Waterbody Description: Aguntaug Brook. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Aguntaug Brook, located in Westerly, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.5823
AQUATIC LIFE SUPPORT					0.5823

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Parmenter Brook**

Waterbody ID: RI0008039R-37

Waterbody Type: R

Waterbody Size: 3.236 M

Waterbody Description: Parmenter Brook. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Parmenter Brook, located in Hopkinton, was unassessed prior to this 2002 assessment cycle. Summer 2000 Random Sampling Design data was used to assess Parmenter Brook for aquatic life use. Data collected showed Parmenter Brook is fully supporting aquatic life use. Since no pathogen data was collected, Parmenter Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.236
AQUATIC LIFE SUPPORT	3.236				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.236	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Pawcatuck River & Tribs*

Waterbody Name: **Wine Brook**

Waterbody ID: RI0008039R-38

Waterbody Type: R

Waterbody Size: 1.2136 M

Waterbody Description:
Wine Brook. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Wine Brook, located in Hopkinton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.2136
AQUATIC LIFE SUPPORT					1.2136

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Alton Pond**

Waterbody ID: RI0008040L-01

Waterbody Type: L

Waterbody Size: 44.2094 A

Waterbody Description:
Alton Pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The 1999 and 2000 URI Watershed Watch data was used to assess Alton Pond for swimming and aquatic life use. This 44 acre impoundment of the Wood River has been monitored since 1989 by Watershed Watch volunteers. The pond is classified as mesotrophic with chlorophyll and total phosphorus levels in the low to moderate range. Bacteria concentrations were low throughout the 1999 and 2000 monitoring period. The pond is assessed as fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	44.21				
AQUATIC LIFE SUPPORT	44.21				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.43372 **Lake Longitude:** 41.26357

Trophic Status: M *O, M, E, H, D or O/M etc.* **Trend Size:** 44.21

Trophic Trend: I *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 44.21

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Carolina Trout Pond**

Waterbody ID: RI0008040L-02

Waterbody Type: L

Waterbody Size: 3.3039 A

Waterbody Description:
Carolina Trout Pond. Richmond

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Carolina Trout Pond was monitored as part of the 1991 Southern RI Lake Water Quality Assessment (SRILWQA) project. This small pond is located within the Carolina Management area. The SRILWQA project determined that pond was mesotrophic with abundant macrophyte growth. The pond is given an evaluated assessment of fully supporting for both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.3039				
AQUATIC LIFE SUPPORT	3.3039				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.429 **Lake Longitude:** 41.299

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 3.3039

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 3.3039

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Blue Pond**

Waterbody ID: RI0008040L-03

Waterbody Type: L

Waterbody Size: 93.9309 A

Waterbody Description:
Blue Pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The RIDEM Division of Fish and Wildlife Acidification Monitoring study (December 1996) was used to make an evaluated assessment for Blue Pond. Like many of the ponds and lakes in the western portion of the state, Blue Pond has low pH levels and buffering capacity. The Division of Fish and Wildlife noted no decreasing trend in the pH levels of Blue Pond over a ten year period and found that the pond sustains a viable fish population. Therefore, it does not appear that acidification poses any immediate threat to the fish population of this pond. The pond is assessed as fully supporting for aquatic life use, and is not assessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					93.9309
AQUATIC LIFE SUPPORT	93.9309				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.453 **Lake Longitude:** 41.3038

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 93.9309

Trophic Trend: U **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 93.9309

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Fish surveys

BIOLOGICAL MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Ashville Pond**

Waterbody ID: RI0008040L-04

Waterbody Type: L

Waterbody Size: 25.6779 A

Waterbody Description:
Ashville Pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The 1991 Southern Rhode Island Lake Water Quality Study and the RIDEM Fish and Wildlife Acidification Monitoring study (December 1996) were used to assess Ashville Pond for aquatic life use. This pond has a very low pH (average less than 5) and low alkalinity. However, the RIDEM Division of Fish and Wildlife staff conducted a fish population survey which concluded that despite the low pH and buffering capacity, the pond sustains a healthy fish population. Therefore the aquatic life use is considered fully supporting. Due to the age of the data this is considered an evaluated assessment. The pond is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					25.6779
AQUATIC LIFE SUPPORT	25.6779				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4524 **Lake Longitude:** 41.303

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 25.6779

Trophic Trend: U *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 25.6779

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Fish surveys

BIOLOGICAL MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Ell Pond**

Waterbody ID: RI0008040L-05

Waterbody Type: L

Waterbody Size: 4.8953 A

Waterbody Description:
Ell Pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Ell Pond, located in Hopkinton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					4.8953
AQUATIC LIFE SUPPORT					4.8953

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4626 **Lake Longitude:** 41.3022

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 4.8953

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Wincheck Pond**

Waterbody ID: RI0008040L-06

Waterbody Type: L

Waterbody Size: 145.7098 A

Waterbody Description: Wincheck Pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM Division of Fish and Wildlife Acidification Study data collected between 1988-1992 was used to make an evaluated assessment for aquatic life use for Wincheck Pond. Although the pond has low pH and alkalinity, it supports a viable fish population. Wincheck Pond is assessed as fully supporting for aquatic life use. Due to the lack of pathogen data, Wincheck Pond is unassessed for swimming use. The RI Department of Health (RIDOH) fish tissue sampling project found high levels of mercury in the fish of Wincheck Pond. In 2002, RIDOH issued a no consumption advisory against eating any fish from Wincheck Pond. The Pond is assessed as not supporting Fish Consumption Use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
FISH CONSUMPTION				145.7098	
SWIMMABLE					145.7098
AQUATIC LIFE SUPPORT	145.7098				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.4617 **Lake Longitude:** 41.3058

Trophic Status: U *O, M, E, H, D or O/M etc.* **Trend Size:** 145.7098

Trophic Trend: U *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 145.7098

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Fish tissue analysis

Fish surveys

BIOLOGICAL MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Metals in fish tissue

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Mercury	145.7098 A	H
METALS	145.7098 A	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	145.7098 A	H

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Yawgoog Pond**

Waterbody ID: RI0008040L-07

Waterbody Type: L

Waterbody Size: 160.7459 A

Waterbody Description: Yawgoog pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999, 2000, & 2001 RI Department of Health's (RIDOH) Beach Program data and Drinking Water Supply Program data were used to assess Yawgoog Pond. Fecal coliform data showed Yawgoog Pond was meeting swimming criteria. Drinking water data was also meeting criteria, and Yawgoog Pond is assessed as fully supporting both swimming and drinking water uses. The RIDOH's fish tissue sampling program found high concentrations of mercury in the fish of Yawgoog Pond. An advisory against eating any fish from Yawgoog Pond was issued by RIDOH in 2002. Yawgoog Ponc is assessed as not supporting the Fish Consumption Use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
FISH CONSUMPTION				160.7459	
DRINKING WATER SUPPLY	160.7459				
SWIMMABLE	160.7459				
AQUATIC LIFE SUPPORT					160.7459

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.477 **Lake Longitude:** 41.318

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 160.7459

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Fish tissue analysis

PHYSICAL/CHEMICAL MONITORING

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Metals in fish tissue

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Mercury	160.7459 A	H
METALS	160.7459 A	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	160.7459 A	H

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Grassy Pond**

Waterbody ID: RI0008040L-08

Waterbody Type: L

Waterbody Size: 22.5736 A

Waterbody Description:
Grassy Pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Grassy Pond, located in Hopkinton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					22.5736
AQUATIC LIFE SUPPORT					22.5736

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.4633 **Lake Longitude:** 41.3218

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 22.5736

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Moscow Pond**

Waterbody ID: RI0008040L-09

Waterbody Type: L

Waterbody Size: 16.4799 A

Waterbody Description:
Moscow Pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Moscow Pond from data collected in 1991 from the Southern Rhode Island Lake Water Quality Assessment (SRILWQA) Study. Moscow Pond is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	16.4799				
AQUATIC LIFE SUPPORT	16.4799				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4438 **Lake Longitude:** 41.3124

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 16.4799

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: U **I, S, D or Unknown** **Size Assessed for Acidity:** 16.4799

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Metals in water column

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Locustville Pond**

Waterbody ID: RI0008040L-10

Waterbody Type: L

Waterbody Size: 82.3038 A

Waterbody Description: Locustville Pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Locustville Pond is located in the Wood-Pawcatuck watershed, in the town of Hopkinton. It has an area of approximately 82 acres, and an average depth of 2.4 meters. With a maximum depth of 4 meters, it is considered a shallow water body. Locustville Pond supports a warm water fishery. It ha been monitored since 1988 by URI Watershed Watch (URIWW). Overall, the water quality in Locustville Pond is characterized as mesotrophic. 2000 URIWW data was used to assess Locustville Pond for swimming and aquatic life use. All data collected met criteria, and Locustville Pond is assessed as fully supporting for both uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	82.3038				
AQUATIC LIFE SUPPORT	82.3038				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.432 **Lake Longitude:** 41.30597

Trophic Status: M *O, M, E, H, D or O/M etc.* **Trend Size:** 82.3038

Trophic Trend: S *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 82.3038

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Wyoming Pond**

Waterbody ID: RI0008040L-11

Waterbody Type: L

Waterbody Size: 34.0509 A

Waterbody Description:
Wyoming Pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Wyoming Pond is located in the Wood-Pawcatuck watershed on the border of the towns of Richmond and Hopkinton. The pond is an impoundment of the Wood River with an area of approximately 34 acres. It has a maximum depth of 4.2 meters, classifying it as a shallow water body. The RIDEM stocks the pond with trout, and considers it to have high trout fishing usage. Monitoring of Wyoming Pond was initiated in 1994 by the URI Watershed Watch Program. 2000 URI Watershed Watch data was used to assess Wyoming Pond for swimming and aquatic life uses. All data met criteria and Wyoming Pond is assessed as fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	34.0509				
AQUATIC LIFE SUPPORT	34.0509				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4154 **Lake Longitude:** 41.311

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 34.0509

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 34.0509

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Deep Pond (Exeter)**

Waterbody ID: RI0008040L-12

Waterbody Description: Deep Pond. Exeter

Waterbody Type: L

Waterbody Size: 2.4385 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Deep Pond was monitored as part of the 1991 Southern Rhode Island Lake Water Quality Assessment project. The study characterized the pond as a meso/eutrophic waterbody. The data showed a rapid decrease in dissolved oxygen levels throughout the hypolimnion to anoxic levels nea the bottom, during the summer sampling event. The pond has low pH and alkalinity levels. To obtain more current data and confirm the impairments, RIDEM staff monitored the pond in 1998 and 1999. This sampling indicated that the pond still stratifies and becomes anoxic at times at the 3 meters depth. Phosphorus levels in the pond violated criteria. Deep Pond is assessed as partially supporting aquatic life use, and due to lack of data is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.4385
AQUATIC LIFE SUPPORT			2.4385		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4303 **Lake Longitude:** 41.3338

Trophic Status: ME **O, M, E, H, D or O/M etc.** **Trend Size:** 2.4385

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 2.4385

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
LOW DO	2.4385 A	M
Phosphorus	2.4385 A	M
NUTRIENTS	2.4385 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
SOURCE UNKNOWN	2.4385 A	M

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Browning Mill Pond (Arcadia Pond)**

Waterbody ID: RI0008040L-13

Waterbody Description: Browning Mill Pond (Arcadia Pond). Exeter, Richmond

Waterbody Type: L

Waterbody Size: 50.025 A

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDOH Bathing Beaches data, and data collected from the 1991 Southern Rhode Island Lake Water Quality Assessment Project were used to assess Browning Mill Pond. The pond was found to have abundant macrophyte growth. At the time of the monitoring it was surmised that the influx of nutrients to the pond was probably from a nearby fish hatchery. The Bathing Beaches data met swimming criteria. An evaluated assessment was made for Browning Mill Pond as fully supporting for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	50.025				
AQUATIC LIFE SUPPORT	50.025				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4124 **Lake Longitude:** 41.3327

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 50.025

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 50.025

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Boone Lake**

Waterbody ID: RI0008040L-14

Waterbody Type: L

Waterbody Size: 45.6383 A

Waterbody Description:
Boone Lake. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Boone Lake is located in the Wood-Pawcatuck watershed in the town of Exeter. With a maximum depth of 22.3 feet, Boone Lake is classified as a deep waterbody. Boone Lake has been monitored by the Watershed Watch Program since 1988. Data collected by URI Watershed Watch in 1999 and 2000 was used for this assessment. Water clarity has distinctly reflected changes in median chlorophyll concentrations, which have fluctuated within the oligotrophic and mesotrophic ranges. Average total phosphorus levels have been stable, remaining in the oligotrophic range since monitoring began. In 1999 and 2000, there was a decline in dissolved oxygen in the lake. The low dissolved oxygen is most likely natural and it is not nutrient driven. Overall Boone Lake is described as oligotrophic, bordering on mesotrophic. The lake is assessed as fully supporting for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	45.6383				
AQUATIC LIFE SUPPORT	45.6383				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 72.26712 **Lake Longitude:** 41.34185

Trophic Status: OM **O, M, E, H, D or O/M etc.** **Trend Size:** 45.6383

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 45.6383

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Breakheart Pond**

Waterbody ID: RI0008040L-15

Waterbody Type: L

Waterbody Size: 43.7917 A

Waterbody Description:
Breakheart Pond. West Greenwich, Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Breakheart Pond is located within Arcadia State Park and was monitored by the URI Watershed Watch Program from 1988 to 1993. Data collected during this time demonstrated the pond was oligotrophic. Rooted aquatic plants were abundant throughout the pond. Since this data is greater than 5 years old the assessment is considered evaluated. Breakheart Pond is assessed as fully supporting both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	43.7917				
AQUATIC LIFE SUPPORT	43.7917				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.42101 **Lake Longitude:** 41.35557

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 43.7917

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 43.7917

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Eisenhower Lake**

Waterbody ID: RI0008040L-16

Waterbody Type: L

Waterbody Size: 55.3066 A

Waterbody Description:
Eisenhower Lake. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Eisenhower Lake, located on the W. Alton Jones Campus of the University of Rhode Island, has a maximum depth of 6.6 feet and is classified as a shallow waterbody. Eisenhower Lake was monitored in 1996 under the URI Watershed Watch Program. The lake has natural tannic acid staining. In 1996 chlorophyll levels were generally in the oligotrophic range, although a significant mid-summer algal bloom did occur. Total phosphorus levels were generally in the oligotrophic range although elevated mid-summer levels were responsible for the algal bloom. Fecal coliform levels were very low throughout the monitoring season. Due to the limited data available, this assessment is considered evaluated. Eisenhower Lake is assessed as fully supporting both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	55.3066				
AQUATIC LIFE SUPPORT	55.3066				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.43 **Lake Longitude:** 41.3715

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 55.3066

Trophic Trend: U **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 55.3066

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Tippencansett Pond**

Waterbody ID: RI0008040L-17

Waterbody Type: L

Waterbody Size: 57.9435 A

Waterbody Description: Tippencansett Pond. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Tippencansett Pond from 2000 URI Watershed Watch (URIWW) data. Tippencansett Pond was previously unassessed, and data collected in 2000 was very limited. The data that was collected met criteria, and Tippencansett Pond is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	57.9435				
AQUATIC LIFE SUPPORT	57.9435				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.4704 **Lake Longitude:** 41.3552

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 57.9435

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 57.9435

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Wickaboxet Pond**

Waterbody ID: RI0008040L-18

Waterbody Type: L

Waterbody Size: 39.0009 A

Waterbody Description:
Wickaboxet Pond. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Wickaboxet Pond, located in West Greenwich, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					39.0009
AQUATIC LIFE SUPPORT					39.0009

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.4611 **Lake Longitude:** 41.3746

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 39.0009

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Tillinghast Pond**

Waterbody ID: RI0008040L-19

Waterbody Type: L

Waterbody Size: 40.6808 A

Waterbody Description:
Tillinghast Pond. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Tillinghast Pond, located in West Greenwich, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					40.6808
AQUATIC LIFE SUPPORT					40.6808

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.475 **Lake Longitude:** 41.3552

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 40.6808

Trophic Trend: U **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Long Pond (Hopkinton)**

Waterbody ID: RI0008040L-20

Waterbody Description: Long Pond. Hopkinton

Waterbody Type: L

Waterbody Size: 20.194 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: A special RIDEM 303(d) monitoring project which collected nutrient and dissolved oxygen data in 1998 and 1999 was used to assess Long Pond, for aquatic life use. Long Pond, which is located in Hopkinton is assessed as fully supporting aquatic life use. Since no pathogen data was collected, Long Pond is unassessed for swimming.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					20.194
AQUATIC LIFE SUPPORT	20.194				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.4626 **Lake Longitude:** 41.3023

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 20.194

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 20.194

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Hazard Pond**

Waterbody ID: RI0008040L-21

Waterbody Type: L

Waterbody Size: 15.9966 A

Waterbody Description:
Hazard Pond. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Hazard Pond, located in West Greenwich, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					15.9966
AQUATIC LIFE SUPPORT					15.9966

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 15.9966

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Acid Factory Brook**

Waterbody ID: RI0008040R-01

Waterbody Type: R

Waterbody Size: 1.9226 M

Waterbody Description:
Acid Factory Brook. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Acid Factory Brook is a small tributary to the Wood River. The brook is not sampled directly, however, data from the chemical and biological stations collected downstream on the Wood River were extrapolated to Acid Factory Brook for an evaluated assessment. Acid Factory Brook is evaluated as fully supporting both aquatic life use and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.9226				
AQUATIC LIFE SUPPORT	1.9226				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			1.9226
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Breakheart Brook**

Waterbody ID: RI0008040R-02

Waterbody Type: R

Waterbody Size: 5.4277 M

Waterbody Description:
Breakheart Brook. West Greenwich, Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design Data, 1999 and 2000 Rapid Bioassessment data, and Artificial Substrate data extrapolated from the Wood River were used to make an evaluated assessment for Breakheart Brook. Both chemical and biological data met criteria for aquatic life and swimming. Breakheart Brook is assessed as fully supporting for both uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	5.4277				
AQUATIC LIFE SUPPORT	5.4277				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			5.4277
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Brushy Brook**

Waterbody ID: RI0008040R-03A

Waterbody Type: R

Waterbody Size: 3.5807 M

Waterbody Description:
Brushy Brook headwaters to Sawmill Road. Exeter, Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design data was used to assess this portion of Brushy Brook. Because data collected was from a single grab sample, an evaluated assessment was made for aquatic life use. Chemical data collected met criteria, and Brushy Brook is assessed as fully supporting for aquatic life use. Since no pathogen data was collected, the brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.5807
AQUATIC LIFE SUPPORT	3.5807				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		3.5807	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Brushy Brook**

Waterbody ID: RI0008040R-03B

Waterbody Type: R

Waterbody Size: 0.6391 M

Waterbody Description:
Brushy Brook from Sawmill Road to the entrance of Locustville Pond. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Brushy Brook was monitored in 1997 and 1998 by the URI Watershed Watch Program as part of their tributary monitoring program. This limited data showed no elevated levels of nutrients and no exceedances of the fecal coliform standard for swimming. Brushy Brook is assessed as fully supporting for aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.6391				
AQUATIC LIFE SUPPORT	0.6391				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.6391	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Brushy Brook**

Waterbody ID: RI0008040R-03C

Waterbody Type: R

Waterbody Size: 0.2821 M

Waterbody Description:
Brushy Brook from the outlet of Locustville Pond to the confluence with the Wood River. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of Brushy Brook, located in Hopkinton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.2821
AQUATIC LIFE SUPPORT					0.2821

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Canonchet Brook**

Waterbody ID: RI0008040R-04A

Waterbody Type: R

Waterbody Size: 1.9066 M

Waterbody Description:
Canonchet Brook headwaters, excluding all ponds, to Route 3 in Hopkinton. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of Canochet Brook, which includes headwaters, excluding all ponds, to Route 3 in Hopkinton is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.9066
AQUATIC LIFE SUPPORT					1.9066

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Canonchet Brook**

Waterbody ID: RI0008040R-04B

Waterbody Type: R

Waterbody Size: 2.5286 M

Waterbody Description:
Canonchet Brook from Route 3 in Hopkinton to the confluence with the Wood River. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
This segment of Canonchet Brook is from Route 3 in Hopkinton to the confluence with the Wood River. The 1999 and 2000 Rapid Bioassessment Protocol data, and 1999 and 2000 Chemical Baseline data were used to assess this portion of the brook. The biological data showed a slightly impaired community in 1999, and a non-impaired community in 2000. The slight impairment is thought to be due to low flow in 1999. This is a slight improvement from the past few years. The physical habitat is considered partially supporting. Furthermore, the chemical data showed that dissolved lead and cadmium, and fecal coliform violated criteria. Potential sources of impairment are from a nearby golf course, condominiums, and a dairy farm on Route 3. This portion of Canonchet Brook is assessed as partially supporting aquatic life use. The fecal coliform data violated the swimming standard, the brook is assessed as not supporting the swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				2.5286	
AQUATIC LIFE SUPPORT			2.5286		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			2.5286
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Metals in water column

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	2.5286 M	M
PATHOGENS	2.5286 M	M
Lead	2.5286 M	M
Cadmium	2.5286 M	M
METALS	2.5286 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Golf Courses	2.5286 M	M
Onsite Wastewater Systems (Septic Tanks)	2.5286 M	M
LAND DISPOSAL	2.5286 M	M
Highway/Road/Bridge Runoff	2.5286 M	M
URBAN RUNOFF/STORM SEWERS	2.5286 M	M
AGRICULTURE	2.5286 M	M

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Coney Brook**

Waterbody ID: RI0008040R-05

Waterbody Type: R

Waterbody Size: 2.3967 M

Waterbody Description:
Coney Brook. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Coney Brook is located in a very rural area in the western portion of West Greenwich. Because of the rural landuse, it was determined that the assessment for Coney Brook could be extrapolated from the sampling station downstream on the Falls River. The data used for this extrapolated assessment comes from 1999 and 2000 Rapid Bioassessment Protocol data (macroinvertebrate sampling) and from the 1999 and 2000 Chemical Baseline monitoring. The data collected downstream, gives Coney Brook an evaluated assessment of fully supporting for both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.3967				
AQUATIC LIFE SUPPORT	2.3967				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			2.3967
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Diamond Brook**

Waterbody ID: RI0008040R-06

Waterbody Type: R

Waterbody Size: 0.9062 M

Waterbody Description: Diamond Brook. Richmond

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Diamond Brook, located in Richmond, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.9062
AQUATIC LIFE SUPPORT					0.9062

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Falls River**

Waterbody ID: RI0008040R-07

Waterbody Type: R

Waterbody Size: 5.7205 M

Waterbody Description:
Falls River. West Greenwich, Exeter

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments:
Falls River is located in the Arcadia State Management area in Exeter/West Greenwich. The river is stocked with hatchery raised fish, but efforts to re-establish a sustainable native trout fishery are underway. Data to assess Falls River comes from the 1999 and 2000 Rapid Bioassessment (macroinvertebrate) Protocol sampling project, the 1999 and 2000 Chemical Baseline data, and from 1999 and 2000 URI Watershed Watch data. The biological data show that Falls River sustains an excellent physical habitat. The biological community was found to be moderately impaired in 1999, and not impaired in 2000. The macroinvertebrate community consisted of high quality species. However, the Chemical Baseline data showed elevated levels of dissolved cadmium and lead criteria. Fecal coliform levels were meeting swimming criteria. The URI Watershed Watch found total phosphorus levels exceeding criteria. Falls River is assessed as fully supporting for both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	5.7205				
AQUATIC LIFE SUPPORT	5.7205				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2,3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			5.7205
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Flat River**

Waterbody ID: RI0008040R-08

Waterbody Type: R

Waterbody Size: 2.5955 M

Waterbody Description:
Flat River. West Greenwich, Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Flat River based upon chemical baseline data extrapolated from the Wood River, Rapid Bioassessment Protocol (macroinvertebrate) data, and Artificial substrate macroinvertebrate data. Flat River is assessed as fully supporting both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.5955				
AQUATIC LIFE SUPPORT	2.5955				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			2.5955
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Grassy Brook**

Waterbody ID: RI0008040R-09

Waterbody Type: R

Waterbody Size: 1.614 M

Waterbody Description:
Grassy Brook. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Grassy Brook, located in Hopkinton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.614
AQUATIC LIFE SUPPORT					1.614

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Kelley Brook**

Waterbody ID: RI0008040R-10

Waterbody Type: R

Waterbody Size: 2.9599 M

Waterbody Description:
Kelley Brook. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Kelley Brook, from data collected downstream on the Falls River. Kelley Brook is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.9599				
AQUATIC LIFE SUPPORT	2.9599				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			2.9599
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Log House Brook**

Waterbody ID: RI0008040R-11

Waterbody Type: R

Waterbody Size: 1.5814 M

Waterbody Description:
Log House Brook. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 URI Watershed Watch data was used to assess Log House Brook for swimming and aquatic life use. Fecal coliform data collected met swimming criteria. Log House Brook is assessed as fully supporting swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.5814				
AQUATIC LIFE SUPPORT	1.5814				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.5814	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Moscow Brook**

Waterbody ID: RI0008040R-12

Waterbody Type: R

Waterbody Size: 1.9249 M

Waterbody Description: Moscow Brook. Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 2000 URI Watershed Watch data was used to assess Moscow Brook for swimming and aquatic life use. All the data collected met criteria, and Moscow Brook is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.9249				
AQUATIC LIFE SUPPORT	1.9249				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.9249	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Parris Brook**

Waterbody ID: RI0008040R-13

Waterbody Type: R

Waterbody Size: 5.0911 M

Waterbody Description:
Parris Brook. West Greenwich, Exeter

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 Chemical Baseline data, and 1999 and 2000 Rapid Bioassessment Protocol data were used to assess Parris Brook. The Rapid Bioassessment data showed a moderately impaired biological community in 1999, and a non impaired community in 2000. Samples collected displayed an excellent population of organisms, and the physical habitat is considered fully supporting. Chemical Baseline data indicated elevated levels of dissolved cadmium and lead criteria. Aquatic life use is assessed as fully supporting. Fecal coliform data met the swimming criteria, and Parris Brook is assessed as fully supporting for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	5.0911				
AQUATIC LIFE SUPPORT	5.0911				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			5.0911
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Phillips Brook**

Waterbody ID: RI0008040R-14

Waterbody Type: R

Waterbody Size: 3.7614 M

Waterbody Description:
Phillips Brook. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data collected from a station downstream on the Wood River in 1999-2000 from the Chemical Baseline Project, RBP project and Artificial Substrate Project were extrapolated to assess Phillips Brook. The data collected met criteria, and Phillips Brook is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.7614				
AQUATIC LIFE SUPPORT	3.7614				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			3.7614
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Roaring Brook**

Waterbody ID: RI0008040R-15

Waterbody Type: R

Waterbody Size: 4.9479 M

Waterbody Description:
Roaring Brook. West Greenwich, Exeter, Richmond

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for Roaring Brook, which travels through West Greenwich, Exeter, and Richmond. Data was extrapolated from a Chemical Baseline, Rapid Bioassessment Protocol, and Artificial substrate station located downstream on the Wood River. Data collected indicated that Roaring Brook is fully supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	4.9479				
AQUATIC LIFE SUPPORT	4.9479				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			4.9479
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Wood River**

Waterbody ID: RI0008040R-16A

Waterbody Type: R

Waterbody Size: 2.982 M

Waterbody Description:
Wood River from the headwaters starting at confluence of Flat and Falls Rivers, to the confluence with Roaring Brook. Exeter, Hopkington, Richmond.

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for this portion of the Wood River based on Rapid Bioassessment Protocol data, Artificial Substrate data and Chemical Baseline data collected further downstream on the Wood River. Both biological and chemical data collected met criteria, and this portion of the Wood River is assessed as fully supporting swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.982				
AQUATIC LIFE SUPPORT	2.982				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			2.982
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Wood River**

Waterbody ID: RI0008040R-16B

Waterbody Type: R

Waterbody Size: 2.9967 M

Waterbody Description:
Wood River from confluence with Roaring Brook to the inlet of Wyoming Pond. Richmond, Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: An assessment was made for this portion of the Wood River based on 1999/2000 Rapid Bioassessment Protocol data, 1999/2000 RIDEM Artificial Substrate data, 2000 Random Sampling Design data and 1999/2000 Chemical Baseline data. All biological data collected showed the physical habitat was excellent, and no impairments of the biological community were found. Both the chemical and pathogen data collected met criteria, and this portion of the Wood River is assessed as fully supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.9967				
AQUATIC LIFE SUPPORT	2.9967				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			2.9967
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Wood River**

Waterbody ID: RI0008040R-16C

Waterbody Type: R

Waterbody Size: 7.0782 M

Waterbody Description:
Wood River from the outlet of Wyoming Pond to the inlet of Alton Pond. Richmond, Hopkinton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of the Wood River, from the outlet of Wyoming Pond to the inlet of Alton Pond, located in the towns of Richmond and Hopkinton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					7.0782
AQUATIC LIFE SUPPORT					7.0782

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Wood River**

Waterbody ID: RI0008040R-16D

Waterbody Type: R

Waterbody Size: 0.7245 M

Waterbody Description:
Wood River from the Alton Pond dam to the confluence with the Pawcatuck River. Richmond, Hopkinton, Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: An evaluated assessment was made for this portion of the Wood River based on RIDEM biological evaluations for a site remediation project. DEM staff observed no aquatic life in the area. This portion of the Wood River is assessed as not supporting aquatic life use. Due to the presence of unknown toxics in the area, swimming use is assessed as not supporting. RIDEM has initiated TMDL sampling in the area.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				0.7245	
AQUATIC LIFE SUPPORT				0.7245	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 4

Bio/Habitat Description Level (1 to 4): 1 **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:	0.7245		

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Benthic macroinvertebrate surveys

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
UNKNOWN TOXICITY	0.7245 M	H
BIODIVERSITY IMPACTS	0.7245 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
GROUNDWATER LOADINGS	0.7245 M	H
Hazardous Waste	0.7245 M	H
LAND DISPOSAL	0.7245 M	H

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Woody Hill Brook**

Waterbody ID: RI0008040R-17

Waterbody Type: R

Waterbody Size: 2.6832 M

Waterbody Description: Woody Hill Brook. Exeter

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was extrapolated for Woody Hill Brook from Chemical Baseline data and Rapid Bioassessment Protocol data collected downstream on Parris Brook. Both biological and chemical data collected met criteria, and Woody Hill Brook is assessed as fully supporting swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.6832				
AQUATIC LIFE SUPPORT	2.6832				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			2.6832
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Baker Brook**

Waterbody ID: RI0008040R-18

Waterbody Type: R

Waterbody Size: 1.3594 M

Waterbody Description: Baker Brook. Richmond

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The assessment for Baker Brook is evaluated. Data was extrapolated from the assessment just downstream on the Wood River. The chemical baseline and biological data evaluated Baker Brook as fully supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.3594				
AQUATIC LIFE SUPPORT	1.3594				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			1.3594
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Wood River & Tribs*

Waterbody Name: **Factory Brook**

Waterbody ID: RI0008040R-19

Waterbody Type: R

Waterbody Size: 0.617 M

Waterbody Description:
Factory Brook. West Greenwich

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The assessment for Factory Brook is extrapolated from 1999 and 2000 biological and chemical data collected downstream on the Wood River. An evaluated assessment was made for Factory Brook based on the extrapolated data. Factory Brook is assessed as fully supporting both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.617				
AQUATIC LIFE SUPPORT	0.617				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			0.617
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Adamsville Brook & Tribs*

Waterbody Name: **Adamsville Brook**

Waterbody ID: RI0009041R-01

Waterbody Type: R

Waterbody Size: 5.9645 M

Waterbody Description:
Adamsville Brook. Tiverton, Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: The 1999 and 2000 Rapid Bioassessment data were used to assess Adamsville Brook. This biological data, which has been collected since 1992, indicated that the brook had a slightly impaired biological community in 2000, and non-impaired community in 1999. In past years the community has always been fully supporting. Until a downward trend is determined, the brook is assessed as fully supporting the aquatic life use. Adamsville Brook is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					5.9645
AQUATIC LIFE SUPPORT	5.9645				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):**

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:	5.9645		
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: **O, M, E, H, D or O/M etc.** **Trend Size:**

Trophic Trend: **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity:

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Sakonnet River**

Waterbody ID: RI0010031E-01A

Waterbody Type: E

Waterbody Size: 0.281 S

Waterbody Description:
Sakonnet River waters in the vicinity of Portsmouth Park north of a line extending from the southwesternmost corner of the Stone Bridge in Tiverton to the easternmost extension of Morningside Lane in Portsmouth. Portsmouth, Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM Shellfishing Monitoring Program data collected through December 2000 was used to assess this portion of the Sakonnet River, which is permanently closed to shellfishing. Fecal coliform data collected met swimming criteria and the area is assessed as fully supporting swimming use. The fecal coliform data also met shellfishing criteria however, storm drains on shore with high fecal counts have prompted the continuation of the permanent closure. A draft TMDL for the area has been developed to address this issue. The area is assessed as not supporting shellfishing use. Due to the lack of other data, the area is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.281				
SHELLFISHING				0.281	
AQUATIC LIFE SUPPORT					0.281

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.281 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
URBAN RUNOFF/STORM SEWERS	0.281 S	H

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Sakonnet River**

Waterbody ID: RI0010031E-01B

Waterbody Type: E

Waterbody Size: 18.8625 S

Waterbody Description:
Sakonnet River waters from the Stone Bridge in Portsmouth/Tiverton south to a line at the mouth of the river extending from Sachuest Point in Middletown to Sakonnet Point in Little Compton, excluding the Portsmouth Park area described in RI0010031E-01A, and the Sakonnet Point marina area described in RI0010031E-01D. Portsmouth, Middletown, Tiverton and Little Compton.

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: RIDEM Shellfishing data collected through December 2000 was used to assess this portion of the Sakonnet River. Fecal coliform data collected met criteria for both swimming and shellfishing use. This portion of the Sakonnet River is assessed as fully supporting for both uses. Due to the lack of other data, this portion of the Sakonnet River is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	18.8625				
SHELLFISHING	18.8625				
AQUATIC LIFE SUPPORT					18.8625

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Sakonnet River**

Waterbody ID: RI0010031E-01C

Waterbody Type: E

Waterbody Size: 0.3047 S

Waterbody Description:
Sakonnet River from the railroad bridge at the Hummock Point south to the Stone Bridge on Almy Neck in Portsmouth and its extension from the Tiverton shore. Portsmouth, Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: RIDEM Shellfishing Monitoring Program data collected through December 2000, was used to assess this Class SB portion of the Sakonnet River. Fecal coliform data collected met swimming criteria, and this portion of the Sakonnet River is assessed as fully supporting for swimming use. Due to the lack of other data, this portion of the Sakonnet River is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.3047				
AQUATIC LIFE SUPPORT					0.3047

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Sakonnet River**

Waterbody ID: RI0010031E-01D

Waterbody Type: E

Waterbody Size: 0.0378 S

Waterbody Description:
Sakonnet River south of a line from the light at the end of the Sakonnet breakwater to the point of land at the end of Goodrich Lane, Little Compton, on the eastern shore of the harbor. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: RIDEM Shellfishing data collected through December 2000 was used to assess this portion of the Sakonnet River. Fecal coliform data collected met criteria for both swimming and shellfishing use. This portion of the Sakonnet River is assessed as fully supporting for both uses. Due to the lack of other data, this portion of the Sakonnet River is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0378				
SHELLFISHING	0.0378				
AQUATIC LIFE SUPPORT					0.0378

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Nannaquaket Pond**

Waterbody ID: RI0010031E-02A

Waterbody Type: E

Waterbody Size: 0.0179 S

Waterbody Description:
Nannaquaket Pond east of a line extending from the northwesternmost point of Nannaquaket Neck to the Rhode Island Department of Environmental Management Range Marker and west to the easternmost side of the Nannaquaket Bridge. Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for this portion of Nannaquaket Pond from RIDEM Shellfishing data taken nearby. Fecal coliform data met swimming criteria, and this portion of the pond is assessed as fully supporting the swimming use. Since no other data was collected, Nannaquaket Pond is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0179				
AQUATIC LIFE SUPPORT					0.0179

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Nannaquaket Pond**

Waterbody ID: RI0010031E-02B

Waterbody Type: E

Waterbody Size: 0.3134 S

Waterbody Description:
Nannaquaket Pond south and east of the Nannaquaket Bridge, excluding the waters noted immediately below. Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: RIDEM Shellfishing data was used to make an assessment for this portion of Nannaquaket Pond. Fecal coliform data met criteria for both swimming and shellfishing. This portion of the pond is assessed as fully supporting both the swimming and shellfishing use. Since no other data was collected, Nannaquaket Pond is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.3134				
SHELLFISHING	0.3134				
AQUATIC LIFE SUPPORT					0.3134

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Nannaquaket Pond**

Waterbody ID: RI0010031E-02C

Waterbody Type: E

Waterbody Size: 0.0052 S

Waterbody Description:
Nannaquaket Pond waters of the area called "The Gut", located at the north end of Nannaquaket Pond, north of the northern side of Route 77 (Main Road). Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: RIDEM Shellfishing data was used to make an evaluated assessment for this portion of Nannaquaket Pond, known as "the Gut". This portion of Nannaquaket Pond is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and is therefore, permanently closed to shellfishing. The pathogen data collected was meeting criteria foı both swimming and shellfishing. This portion of the pond is assessed as fully supporting both the swimming and shellfishing use. Since no other data was collected, Nannaquaket Pond is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0052				
SHELLFISHING	0.0052				
AQUATIC LIFE SUPPORT					0.0052

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **The Cove, Island Park**

Waterbody ID: RI0010031E-03A

Waterbody Type: E

Waterbody Size: 0.2862 S

Waterbody Description:
The Cove, Island Park north of a line from the southern end of Hummock Point to the RIDEM Range marker located at the eastern extremity of a point of land on the western shore of The Cove. Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 fecal coliform data collected by the RIDEM Shellfish Monitoring Program was used to assess this portion of The Cove, Island Park. Shellfish data collected met both swimming and shellfishing criteria. Swimming and shellfishing are both assessed as fully supporting. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.2862				
SHELLFISHING	0.2862				
AQUATIC LIFE SUPPORT					0.2862

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **The Cove, Island Park**

Waterbody ID: RI0010031E-03B

Waterbody Type: E

Waterbody Size: 0.171 S

Waterbody Description:
The Cove, Island Park south of a line from the southern end of Hummock Point to the RIDEM Range marker located at the eastern extremity of a point of land on the western shore of The Cove. Portsmouth

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 RIDEM Shellfish data, and RIDEM TMDL work were used to assess this portion of The Cove, Island Park. Although the water column fecal coliform data meets shellfishing standards, the are is permanently closed to shellfishing. The shellfish closure is due to shoreline survey observations of flowing pipes along the shoreline and septic systems situated below the high water line. The Cove is assessed as not supporting shellfishing use. A TMDL to address this situation has been drafted by RIDEM. Fecal coliform data collected met swimming criteria, and The Cove is assessed as fully supporting swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.171				
SHELLFISHING				0.171	
AQUATIC LIFE SUPPORT					0.171

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.171 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
Onsite Wastewater Systems (Septic Tanks)	0.171 S	H
LAND DISPOSAL	0.171 S	H

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Borden Brook**

Waterbody ID: RI0010031R-01

Waterbody Type: R

Waterbody Size: 4.4213 M

Waterbody Description:
Borden Brook. Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design Data was used to assess Borden Brook. Because data collected was from a single grab sample, an evaluated assessment was made for aquatic life use ir the brook. Data collected showed Borden Brooks' biological and physical habitat was fully supportin aquatic life. Borden Brook remains unassessed for both swimming and drinking water use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					4.4213
SWIMMABLE					4.4213
AQUATIC LIFE SUPPORT	4.4213				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		4.4213	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Little Creek**

Waterbody ID: RI0010031R-02

Waterbody Type: R

Waterbody Size: 3.0998 M

Waterbody Description:
Little Creek. Portsmouth, Middletown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Little Creek, located in Portsmouth, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.0998
AQUATIC LIFE SUPPORT					3.0998

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Pachet Brook**

Waterbody ID: RI0010031R-03

Waterbody Type: R

Waterbody Size: 0.7789 M

Waterbody Description:
Pachet Brook. Little Compton, Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Pachet Brook, which travels through Little Compton and Tiverton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					0.7789
SWIMMABLE					0.7789
AQUATIC LIFE SUPPORT					0.7789

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Quaker Creek**

Waterbody ID: RI0010031R-04

Waterbody Type: R

Waterbody Size: 2.5898 M

Waterbody Description: Quaker Creek. Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Quaker Creek, located in Tiverton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY					2.5898
SWIMMABLE					2.5898
AQUATIC LIFE SUPPORT					2.5898

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Sin & Flesh Brook**

Waterbody ID: RI0010031R-05A

Waterbody Type: R

Waterbody Size: 1.9583 M

Waterbody Description:
Sin & Flesh Brook from headwaters to Fish Street. Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Data collected during the summer 2000 Random Sampling Design project was used to make an evaluated assessment for this portion of Sin & Flesh Brook, which runs from the headwaters to Fish Street in Tiverton. The brook had not been monitored or assessed prior to this date. The RSD data collected met criteria, and the brook is assessed as fully supporting aquatic life use. Due to the lack of pathogen data, swimming use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.9583
AQUATIC LIFE SUPPORT	1.9583				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.9583	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **Sin & Flesh Brook**

Waterbody ID: RI0010031R-05B

Waterbody Type: R

Waterbody Size: 1.3869 M

Waterbody Description:
Sin & Flesh Brook from Fish Street to main Road (Route 77). Tiverton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment was made for this portion of Sin & Flesh Brook which runs from Fish Street to Main Road (Rte 77), based on data collected in the upstream portion of this brook during the Random Sampling project. This portion of Sin & Flesh Brook is assessed as fully supporting aquatic life use. Due to the lack of pathogen data, swimming use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.3869
AQUATIC LIFE SUPPORT	1.3869				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		1.3869	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Sakonnet River*

Waterbody Name: **White Wine Brook**

Waterbody ID: RI0010031R-06

Waterbody Description: White Wine Brook. Tiverton

Waterbody Type: R

Waterbody Size: 0.7573 M

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: White Wine Brook, located in Tiverton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.7573
AQUATIC LIFE SUPPORT					0.7573

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Shoreline*

Waterbody Name: **Coastal Shoreline**

Waterbody ID: RI0010042C-01

Waterbody Type: C

Waterbody Size: 78.62 M

Waterbody Description:
Coastal Waters off the southwestern shoreline from Watch Hill, Westerly to Point Judith, Narragansett; up the coast to a point just north of the mouth of Pettaquamscutt (Narrow) River; across to Beavertail, Jamestown; across to Brenton Point, Newport; along the Newport/Middletown shoreline to Sachuest Point across to Sakonnet Point, Little Compton and along the southeastern shoreline to the RI/MA border. Also includes the coastal waters off the shoreline of Block Island.

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Data for the assessment of the 78.62 coastal shoreline miles is from the 1999 and 2000 RIDEM Shellfish Monitoring Program. All 78.62 miles are assessed as fully supporting swimming, aquatic life and shellfishing uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	78.62				
SHELLFISHING	78.62				
AQUATIC LIFE SUPPORT					78.62

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** _____ **Lake Longitude:** _____

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Shoreline*

Waterbody Name: **Coastal Waters - Tucker's Dock**

Waterbody ID: RI0010042E-01A

Waterbody Type: E

Waterbody Size: 0.0268 S

Waterbody Description:
Coastal Waters in the vicinity of Tucker's Dock which are within a 500 foot radius of the South Kingstown/Narragansett Regional Wastewater Treatment Facility outfall. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data and 1999-2001 RI Department of Health (RIDOH) Beaches data were used to assess this portion of the coastal waters off of Tucker's Dock. The dat indicated that this area is fully meeting swimming criteria and is assessed as fully supporting swimming use and unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0268				
AQUATIC LIFE SUPPORT					0.0268

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Shoreline*

Waterbody Name: **Coastal Waters - Tucker's Dock**

Waterbody ID: RI0010042E-01B

Waterbody Type: E

Waterbody Size: 0.3217 S

Waterbody Description:
Coastal Waters in the vicinity of Tucker's Dock, exclusive of those waters described above, within 2500 feet of any point on the shoreline between Continental Road and Hazard Avenue. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data, and 1999-2001 RI Department of Health (RIDOH) Beaches data was used to assess this portion of the coastal waters off of Tucker's Dock. The data indicated that this area is fully meeting swimming criteria and is assessed as fully supporting swimming use and unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.3217				
AQUATIC LIFE SUPPORT					0.3217

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Shoreline*

Waterbody Name: **Coastal Waters - Tucker's Dock**

Waterbody ID: RI0010042E-01C

Waterbody Type: E

Waterbody Size: 0.6808 S

Waterbody Description:
Coastal Waters in the vicinity of Tucker's Dock, exclusive of those described above, within 4000 feet of the marine WWTF discharge. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data, and 1999-2001 RI Department of Health (RIDOH) Beaches data were used to assess this portion of the coastal waters off of Tucker's Dock. This area around Tucker's Dock is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and is therefore, permanently closed to shellfishing. Tthe fecal coliform data is, however, in compliance with the shellfishing criteria. The data also indicated that this area is fully meeting swimming criteria. The area is assessed as fully supporting swimming and shellfishing use, and unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.6808				
SHELLFISHING	0.6808				
AQUATIC LIFE SUPPORT					0.6808

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Shoreline*

Waterbody Name: **Coastal Waters - Scarborough**

Waterbody ID: RI0010042E-02A

Waterbody Type: E

Waterbody Size: 0.0305 S

Waterbody Description:
Coastal Waters in the vicinity of Scarborough within 500 feet of the Narragansett-Scarborough WWTF outfall located approximately 2000 feet from a point of land at the northern boundry of Fort Nathaniel Greene. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of the coastal waters off of Scarborough. The data indicated that this area is fully meeting swimming criteria and is assessed as fully supporting swimming use and unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0305				
AQUATIC LIFE SUPPORT					0.0305

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Shoreline*

Waterbody Name: **Coastal Waters - Scarborough**

Waterbody ID: RI0010042E-02B

Waterbody Type: E

Waterbody Size: 0.2081 S

Waterbody Description:
Coastal Waters in the vicinity of Scarborough that are more than 500 feet but less than 1500 feet away from the WWTF outfall located approximately 2000 feet from a point of land at the northern boundry of Fort Nathaniel Greene. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data and RI Department of Health (RIDOH) Beaches data were used to assess this portion of the coastal waters off of Scarborough Beach. The data indicated that this area is fully meeting swimming criteria and is assessed as fully supporting swimming use and unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.2081				
AQUATIC LIFE SUPPORT					0.2081

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Shoreline*

Waterbody Name: **Coastal Waters - Scarborough**

Waterbody ID: RI0010042E-02C

Waterbody Type: E

Waterbody Size: 2.1454 S

Waterbody Description:
Coastal Waters in the vicinity of Scarborough, exclusive of those waters described above, which are within 5600 feet of the WWTF outfall. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish data and RI Department of Health (RIDOH) Beaches data were used to assess this portion of the coastal waters off of Scarborough Beach. This area off of Scarborough Beach is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and is therefore, permanently closed to shellfishing. The data collected indicates that this area is meeting swimming and shellfishing criteria. The area is assessed as fully supporting both swimming and shellfishing use, and unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.1454				
SHELLFISHING	2.1454				
AQUATIC LIFE SUPPORT					2.1454

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Shoreline*

Waterbody Name: **Lake Conochet/Little Neck Pond**

Waterbody ID: RI0010042L-01

Waterbody Description: Lake Conochet/Little Neck Pond. Narragansett

Waterbody Type: L

Waterbody Size: 13.46 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Lake Conochet, also known as Little Neck Pond which is located in Narragansett, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					13.46
AQUATIC LIFE SUPPORT					13.46

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Shoreline*

Waterbody Name: **Deadman Brook**

Waterbody ID: RI0010042R-01

Waterbody Description: Deadman Brook. Narragansett

Waterbody Type: R

Waterbody Size: 1.3683 M

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Deadman Brook, located in Narragansett, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.3683
AQUATIC LIFE SUPPORT					1.3683

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Cards Pond**

Waterbody ID: RI0010043E-01

Waterbody Type: E

Waterbody Size: 0.064 S

Waterbody Description:
Cards Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Cards Pond was monitored in 1992-1993 by the Salt Pond Watchers and more recently in 1996 as part of the clean- up and monitoring efforts associated with the North Cape oil spill. The intensive monitoring, testing and observations within the pond during 1996-1997 by RIDEM staff indicated that the pond has returned to a relatively pristine condition. The pond is assessed as fully supporting for aquatic life and swimming uses. The pond is not monitored by the RIDEM Shellfish Monitoring Program and is, therefore, unassessed for shellfishing.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING					0.064
SWIMMABLE	0.064				
AQUATIC LIFE SUPPORT	0.064				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Toxicity testing of sediments

Toxicity testing of water column

Organics in sediments

Organics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Greenhill Pond**

Waterbody ID: RI0010043E-02

Waterbody Type: E

Waterbody Size: 0.6569 S

Waterbody Description:
Green Hill Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data, and 1999-2001 RIDEM TMDL data were used to assess Greenhill Pond. Greenhill Pond is permanently closed to shellfishing due to elevated levels of fecal coliform which exceed the shellfishing criteria.. Fecal coliform data met swimming criteria. TMDL data indicated that aquatic life use was partially supported due to low dissolved oxygen levels. Swimming use is assessed as fully supporting. Shellfishing use is not supporting due to elevated levels of pathogens.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.6569	
SWIMMABLE	0.6569				
AQUATIC LIFE SUPPORT			0.6569		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

ASSESSMENT TYPE

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
LOW DO	0.6569 S	H
PATHOGENS	0.6569 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
NATURAL SOURCES	0.6569 S	M
Onsite Wastewater Systems (Septic Tanks)	0.6569 S	M
Highway/Road/Bridge Runoff	0.6569 S	M
URBAN RUNOFF/STORM SEWERS	0.6569 S	M

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Maschaug Pond**

Waterbody ID: RI0010043E-03

Waterbody Type: E

Waterbody Size: 0.0541 S

Waterbody Description: Maschaug Pond. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Maschaug Pond, located in Westerly, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING					0.0541
SWIMMABLE					0.0541
AQUATIC LIFE SUPPORT					0.0541

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Ninigret Pond**

Waterbody ID: RI0010043E-04A

Waterbody Type: E

Waterbody Size: 2.418 S

Waterbody Description:
Ninigret Pond waters excluding the easternmost waters described in RI0010043E-04B. Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999/2000 RIDEM Shellfishing data was used to assess this portion of Ninigret Pond. Pathogen data met both shellfishing and swimming criteria, and this portion of Ninigret Pond is assessed as fully supporting for both uses. Since no other data was collected, this portion of Ninigret Pond is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	2.418				
SWIMMABLE	2.418				
AQUATIC LIFE SUPPORT					2.418

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Ninigret Pond**

Waterbody ID: RI0010043E-04B

Waterbody Type: E

Waterbody Size: 0.1581 S

Waterbody Description:
Ninigret Pond waters, including Tockwotten Cove, east of a line from the DEM Range markers located on the shore directly eastward of pole number 16-1 at the end of Starrett Drive, to the DEM Range marker located at the end of Florence Avenue, and west of the breachway entrance to Green Hill Pond. Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999/2000 RIDEM Shellfishing and TMDL data were used to assess this portion of Ninigret Pond, which is permanently closed to shellfishing. Pathogen data met swimming criteria, and this portion of Ninigret Pond is assessed as fully supporting for swimming use, and not supporting for shellfishing use. Since no other data was collected, this portion of Ninigret Pond is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.1581	
SWIMMABLE	0.1581				
AQUATIC LIFE SUPPORT					0.1581

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.1581 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	0.1581 S	M
Onsite Wastewater Systems (Septic Tanks)	0.1581 S	M
Highway/Road/Bridge Runoff	0.1581 S	M
URBAN RUNOFF/STORM SEWERS	0.1581 S	M

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Potter Pond**

Waterbody ID: RI0010043E-05

Waterbody Type: E

Waterbody Size: 0.5018 S

Waterbody Description:
Potter Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program was used to assess Potter Pond for both swimming and shellfishing uses. The data collected met criteria for both swimming and shellfishing, and Potter Pond is assessed as fully supporting for both uses. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.5018				
SWIMMABLE	0.5018				
AQUATIC LIFE SUPPORT					0.5018

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06A

Waterbody Type: E

Waterbody Size: 1.86 S

Waterbody Description:
Point Judith Pond waters exclusive of those described below.
Narragansett, South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program was used to assess this Class SA portion of Point Judith Pond for both swimming and shellfishing use. The data collected met criteria for both uses, and Point Judith Pond is assessed as fully supporting for both swimming and shellfishing uses. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	1.86				
SWIMMABLE	1.86				
AQUATIC LIFE SUPPORT					1.86

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06B

Waterbody Type: E

Waterbody Size: 0.077 S

Waterbody Description:
Upper Point Judith Pond from the mouth of the Saugatucket River at Route 1, downstream to Can Bouy 33. Narragansett, South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program was used to assess this Class SB portion of Point Judith Pond for swimming use. The pathogen data collected met swimming criteria, and Point Judith Pond is assessed as fully supporting for swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.077				
AQUATIC LIFE SUPPORT					0.077

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06C

Waterbody Type: E

Waterbody Size: 0.294 S

Waterbody Description:
Upper Point Judith Pond, south of Can Buoy 33 and north and east of a line from Buttonwood Point to the southern extremity of Cummock Island, to the flagpole at the northwest extremity of Betty Hull Point excluding the marina area described in RI0010043E-06D below. Narragansett, South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program was used to assess this Class SA portion of Point Judith Pond for both swimming and shellfishing uses. The data collected met criteria for swimming use, and Point Judith Pond is assessed as fully supporting swimming. This area is permanently closed to shellfishing, and is assessed as not supporting the shellfishing use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.294	
SWIMMABLE	0.294				
AQUATIC LIFE SUPPORT					0.294

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.294 S	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	0.294 S	M
MARINAS AND RECREATIONAL BOATING	0.294 S	M
Onsite Wastewater Systems (Septic Tanks)	0.294 S	M
URBAN RUNOFF/STORM SEWERS	0.294 S	M

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06D

Waterbody Type: E

Waterbody Size: 0.0087 S

Waterbody Description:
Point Judith Pond waters in the vicinity of Billington Cove Marina as shown on the plan entitled "Billington Cove Marina: Marina Perimeter Plan", dated August 1994 by Coastal Engineering Group, Inc., east of a line from the western edge of the rip-rap retaining wall, 221 feet seaward, and west of a line from the flagpole, 280 feet seaward, and north of the line that connects these two lines. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program was used to assess this Class SA{b} portion of Point Judith Pond for both swimming and shellfishing uses. The fecal coliform data collected met criteria for swimming use, and Point Judith Pond is assessed as fully supporting swimming. This area is permanently closed to shellfishing, and is assessed as not supporting the shellfishing use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.0087	
SWIMMABLE	0.0087				
AQUATIC LIFE SUPPORT					0.0087

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.0087 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	0.0087 S	M
MARINAS AND RECREATIONAL BOATING	0.0087 S	M
Onsite Wastewater Systems (Septic Tanks)	0.0087 S	M
URBAN RUNOFF/STORM SEWERS	0.0087 S	M

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06E

Waterbody Type: E

Waterbody Size: 0.087 S

Waterbody Description:
Point Judith Pond waters in the vicinity of Galillee within 500 feet of the shore from the northern end at the breachway to the western side of the Great Island Road Bridge. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program was used to assess this Class SB portion of Point Judith Pond for swimming use. The pathogen data collected met swimming criteria, and Point Judith Pond is assessed as fully supporting for swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.087				
AQUATIC LIFE SUPPORT					0.087

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06F

Waterbody Type: E

Waterbody Size: 0.031 S

Waterbody Description:
Point Judith Pond waters in the vicinity of Jerusalem within 500 feet of the sshore from the breachway to a point approximately 1000 feet north of the State Pier. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program was used to assess this Class SB portion of Point Judith Pond for swimming use. The pathogen data collected met swimming criteria, and Point Judith Pond is assessed as fully supporting for swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0317				
AQUATIC LIFE SUPPORT					0.0317

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06G

Waterbody Type: E

Waterbody Size: 0.046 S

Waterbody Description:
Point Judith Pond waters in the vicinity of Snug harbor within 500 feet of shore from Gooseberry Road to High Point. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program, was used to assess this Class SB portion of Point Judith Pond for swimming use. The pathogen data collected met swimming criteria, and Point Judith Pond is assessed as fully supporting for swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.046				
AQUATIC LIFE SUPPORT					0.046

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06H

Waterbody Type: E

Waterbody Size: 0.008 S

Waterbody Description:
Point Judith Pond waters in the channel to Potter Pond east of a line across the western end of the Potter Pond entrance channel located approximately 500 feet west of Succotash Road and west of a line from a point of land on the northern shore of the channel approximately 700 feet east of Succotash Road to a point of land on the southern shore of the channel, exclusive of the waters noted below. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program was used to assess this Class SA portion of Point Judith Pond for both swimming and shellfishing uses. The data collected met criteria for swimming use, and Point Judith Pond is assessed as fully supporting swimming. This area is permanently closed to shellfishing, and is assessed as not supporting the shellfishing use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.008	
SWIMMABLE	0.008				
AQUATIC LIFE SUPPORT					0.008

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
PATHOGENS	0.008 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
MARINAS AND RECREATIONAL BOATING	0.008 S	M

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06I

Waterbody Type: E

Waterbody Size: 0.0017 S

Waterbody Description:
Point Judith Pond waters in the channel to Potter Pond in the vicinity of the Captain Jacks and Kenport marinas as shown on the plans entitled "Captain Jacks Marina: Marina Site Plan for Jack Piemonte", approved by CRMC on November 15, 1994; and "Marina Perimeter limit for Kenport Marina" approved by CRMC on April 28, 1994. South Kingstowr

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program was used to assess this Class SA portion of Point Judith Pond for both swimming and shellfishing uses. This area is permanently closed to shellfishing due to State Policy, because it is in close proximity to a marina. The pathogen data collected met criteria for both shellfishing and swimming. The area is assessed as fully supporting both shellfishing and swimming uses. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	0.0017				
SWIMMABLE	0.0017				
AQUATIC LIFE SUPPORT					0.0017

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06J

Waterbody Type: E

Waterbody Size: 0.06 S

Waterbody Description:
Point Judth Pond waters in the channel to Potter Pond east of a line from a point of land on the northern shore of the channel approximately 700 feet east of Succotash Road to a point of land on the southern shore of the channel; and west of a line across the mouth of the channe from Gooseberry Road due south Succotash Road, including the waters of Succotash Salt Marsh. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?:

Assessment Comments: Fecal coliform data collected in 1999-2000 by the RIDEM Shellfish Monitoring Program was used to assess this Class SA portion of Point Judith Pond for shellfishing and swimming uses. The bacteria data collected met criteria and this portion of Point Judith Pond is assessed as fully supporting both shellfishing and swimming uses. Aquatic life use is assessed as fully supporting based on best professional judgement of RIDEM staff.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
AQUATIC LIFE SUPPORT	0.06				
SWIMMABLE	0.06				
SHELLFISHING	0.06				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Point Judith Pond**

Waterbody ID: RI0010043E-06K

Waterbody Type: E

Waterbody Size: 0.02 S

Waterbody Description:
Point Judith Pond waters in the vicinity of Champlin's Cove, north of a line from the westernmost extension of Delray Drive to the easternmost extension of Flintstone Road, located on Harbor Island. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?:

Assessment Comments: Fecal coliform data collected by RIDEM staff indicated violations of the shellfishing criteria. This portion of Point Judith Pond is assessed as not supporting shellfishing use. The area is fully supporting swimming use and is unassessed for Aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
AQUATIC LIFE SUPPORT					0.02
SWIMMABLE	0.02				
SHELLFISHING				0.02	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

PATHOGEN MONITORING

Water column surveys (e.g., fecal coliform)

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
PATHOGENS	0.02 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
SOURCE UNKNOWN	0.02 S	M

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Quonochontaug Pond**

Waterbody ID: RI0010043E-07

Waterbody Type: E

Waterbody Size: 1.1675 S

Waterbody Description:
Quonochontaug Pond. Charlestown, Westerly

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Fecal coliform data collected by the RIDEM Shellfish Monitoring Program was used to assess Quonochontaug Pond. The fecal coliform data was meeting criteria therefore, both swimming and shellfishing uses are assessed as fully supporting. Sediment and shellfish meats data collected by a URI, Graduate School of Oceanography student were used to assess Quonochontaug Pond for aquatic life use. All the data collected met criteria and guidance levels, and the pond is assessed as fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING	1.1675				
SWIMMABLE	1.1675				
AQUATIC LIFE SUPPORT	1.1675				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Fish tissue analysis

Chemical monitoring of sediments

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in fish tissue

Metals in sediments

Pesticides in sediments

Organics in fish tissue

Organics in sediments

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Trustom Pond**

Waterbody ID: RI0010043E-08

Waterbody Type: E

Waterbody Size: 0.2828 S

Waterbody Description:
Trustom Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: In 1996 the oil tanker North Cape ran aground along the southwestern coast of Rhode Island. Oil seeped into Trustom Pond which one area involved in a massive clean-up project. An evaluated assessment was made for Trustom Pond based upon observations made by RIDEM staff after the completion of the clean-up efforts. Staff observations considered Trustom Pond to be fully supporting for both swimming and aquatic life uses. No shellfishing data is collected in this pond, so the shellfishing use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING					0.2828
SWIMMABLE	0.2828				
AQUATIC LIFE SUPPORT	0.2828				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Toxicity testing of sediments

Other inorganics in water column

Toxicity testing of water column

Organics in sediments

Organics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Winnapaug Pond**

Waterbody ID: RI0010043E-09

Waterbody Type: E

Waterbody Size: 0.7439 S

Waterbody Description: Winnapaug Pond. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: RIDEM Shellfish Monitoring Program fecal coliform data was used to assess Winnapaug Pond for both shellfishing and swimming uses. Data showed that both shellfishing and swimming uses are fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
AQUATIC LIFE SUPPORT					0.7439
SHELLFISHING	0.7439				
SWIMMABLE	0.7439				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Hothouse Pond**

Waterbody ID: RI0010043L-01

Waterbody Type: L

Waterbody Size: 12.3903 A

Waterbody Description:
Hothouse Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Hothouse Pond, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					12.3903
AQUATIC LIFE SUPPORT					12.3903

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 12.3903

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Cedar Swamp Pond (South Kingstown)**

Waterbody ID: RI0010043L-02

Waterbody Type: L

Waterbody Size: 10.0656 A

Waterbody Description:
Cedar Swamp Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Cedar Swamp Pond, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					10.0656
AQUATIC LIFE SUPPORT					10.0656

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 10.0656

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Factory Pond**

Waterbody ID: RI0010043L-03

Waterbody Type: L

Waterbody Size: 29.5705 A

Waterbody Description:
Factory Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Factory Pond, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					29.5705
AQUATIC LIFE SUPPORT					29.5705

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 29.5705

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Cross Mills Pond**

Waterbody ID: RI0010043L-04

Waterbody Type: L

Waterbody Size: 17.0851 A

Waterbody Description:
Cross Mills Pond. Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Cross Mills Pond, located in Charlestown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					17.0851
AQUATIC LIFE SUPPORT					17.0851

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 17.0851

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **White Pond**

Waterbody ID: RI0010043L-05

Waterbody Type: L

Waterbody Size: 25.9063 A

Waterbody Description:
White Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: White Pond is located in the Saugatucket watershed in the town of South Kingstown. It has an area of approximately 25 acres with a maximum depth of 13.6 meters. It is classified as a deep water body. White Pond has been monitored since 1989 by the URI Watershed Watch Program. It is the only pond in the URI Watershed Watch Program classified as acidified on the basis of pH and alkalinity measurements. The acidification, presumed to be natural, has contributed to the pond's exceptional water clarity by limiting the amount of types of organisms that can grow in the pond. Secchi depths have consistently remained oligotrophic, and White Pond is classified as a stable oligotrophic water body. 1999 and 2000 Watershed Watch data was used to assess White Pond for swimming and aquatic life use. Data collected met criteria, and White Pond is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	25.9063				
AQUATIC LIFE SUPPORT	25.9063				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.32471 **Lake Longitude:** 41.2452

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 25.9063

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 25.9063

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Wash Pond**

Waterbody ID: RI0010043L-06

Waterbody Type: L

Waterbody Size: 19.236 A

Waterbody Description:
Wash Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Wash Pond is in the Saugatucket watershed in the town of South Kingstown. It has an area of 19 acres, and an average depth of 3.4 meters. With a maximum depth of 8 meters, Wash Pond is classified as a deep water body. A stone and concrete dam was built at the outlet of the pond to facilitate the washing of sheep, which is how the pond acquired its name. Wash Pond has no inlets; it is completely groundwater fed. It has been monitored since 1990 by the Watershed Watch Program. Overall, Wash Pond is characterized as a low nutrient, oligotrophic lake. 1999 and 2000 URI Watershed Watch data was used to assess Wash Pond for swimming and aquatic life use. Data collected met criteria, and Wash Pond is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	19.236				
AQUATIC LIFE SUPPORT	19.236				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.33 **Lake Longitude:** 41.24

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 19.236

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 19.236

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Long Pond**

Waterbody ID: RI0010043L-07

Waterbody Type: L

Waterbody Size: 39.3801 A

Waterbody Description:
Long Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Long Pond is located in the Saugatucket watershed in the town of South Kingstown. The pond has an average depth of 3.3 meters. With a maximum depth of 9.2 meters, it is classified as a deep water body. Long Pond is a kettlehole , which is completely groundwater fed, with no inlets or outlets. Long Pond has been monitored by URI Watershed Watch (URIWW) since 1990. Overall, Long Pond can be characterized as an oligotrophic waterbody. 1999 and 2000 URIWW data was used for this assessment. All data met criteria, and Long Pond is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	39.3801				
AQUATIC LIFE SUPPORT	39.3801				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3315 **Lake Longitude:** 41.2436

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 39.3801

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 39.3801

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Deep Pond (Charlestown)**

Waterbody ID: RI0010043L-08

Waterbody Description: Deep Pond. Charlestown

Waterbody Type: L

Waterbody Size: 14.8691 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 URI Watershed Watch Data was used to assess Deep Pond in Charlestown. Deep Pond is classified as a deep waterbody. It has been monitored since 1990, in which time water quality has fluctuated significantly. The data collected indicated that chlorophyll levels rose dramatically during the summer of 2000 from mid-July to the middle of October. Deep Pond is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	14.8691				
AQUATIC LIFE SUPPORT	14.8691				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.39458 **Lake Longitude:** 41.23274

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 14.8691

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 14.8691

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Schoolhouse Pond**

Waterbody ID: RI0010043L-09

Waterbody Description: Schoolhouse Pond. Charlestown

Waterbody Type: L

Waterbody Size: 96.4421 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Schoolhouse Pond is located in the town of Charlestown on Narragansett Indian Tribal lands, with no public access. Schoolhouse Pond has a total area of approximately 96 acres and is divided into Upper and Lower Ponds, which are monitored as two separate locations. Both Lower and Upper Schoolhouse Pond have an average depth of 3 meters, and a maximum depth of 8.5 meters. They are classified as deep water bodies. Monitoring on Schoolhouse Pond began in 1990 by the URI Watershed Watch Program. Data collected in 1999 and 2000 was used to assess Schoolhouse Pond for swimming and aquatic life use. Data collected met criteria for both swimming and aquatic life. Schoolhouse Pond is assessed as fully supporting for both uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	96.4421				
AQUATIC LIFE SUPPORT	96.4421				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.40544 **Lake Longitude:** 41.24154

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 96.4421

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 96.4421

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Cross Mills Stream**

Waterbody ID: RI0010043R-01

Waterbody Type: R

Waterbody Size: 0.4454 M

Waterbody Description:
Cross Mills Stream. Charlestown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Cross Mills Stream, located in Charlestown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.4454
AQUATIC LIFE SUPPORT					0.4454

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Factory Pond Stream**

Waterbody ID: RI0010043R-02

Waterbody Type: R

Waterbody Size: 1.0288 M

Waterbody Description:
Factory Pond Stream. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Data used to assess Factory Pond Stream comes from a special fecal coliform sampling project conducted in 1999 by RIDEM. Six stations were sampled along the stream during dry weather conditions. Dry weather sampling was also conducted in 2000 and 2001 at 7 stations. The data indicated that the stream is partially supporting swimming use. Because there is no other data for the stream it is considered unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			1.0288		
AQUATIC LIFE SUPPORT					1.0288

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
PATHOGENS	1.0288 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
SOURCE UNKNOWN	1.0288 M	M

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Mill Pond to Card Pond**

Waterbody ID: RI0010043R-03

Waterbody Description: Mill Pond to Card Pond. South Kingstown

Waterbody Type: R

Waterbody Size: 2.4384 M

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mill Pond to Card Pond, which is located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.4384
AQUATIC LIFE SUPPORT					2.4384

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Teal Pond Stream**

Waterbody ID: RI0010043R-04

Waterbody Type: R

Waterbody Size: 0.3898 M

Waterbody Description:
Teal Pond Stream. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Pathogen data collected by RIDEM's TMDL program during 1999-2001 were used to assess Teal Pond Stream for swimming use support. Teal Pond Stream is a small tributary which discharges into Greenhill Pond. All the dry weather pathogen data collected violated swimming criteria. Teal Pond Stream is assessed as not supporting swimming use. Since no other data was collected, Teal Pond Stream is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				0.3898	
AQUATIC LIFE SUPPORT					0.3898

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:		0.3898	

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
PATHOGENS	0.3898 M	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
Onsite Wastewater Systems (Septic Tanks)	0.3898 M	M
LAND DISPOSAL	0.3898 M	M
SOURCE UNKNOWN	0.3898 M	M

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Quonochontaug Brook**

Waterbody ID: RI0010043R-05

Waterbody Type: R

Waterbody Size: 1.2052 M

Waterbody Description:
Quonochontaug Brook. Westerly

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Fecal coliform data collected by the Salt Pond Watchers in 1999 and 2000 was used to assess Quonochontaug Brook. The data met swimming criteria, and Quonochontaug Brook is assessed as fully supporting the swimming use. Aquatic life use is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.2052				
AQUATIC LIFE SUPPORT					1.2052

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Browns Brook**

Waterbody ID: RI0010043R-06

Waterbody Type: R

Waterbody Size: 1.6028 M

Waterbody Description:
Browns Brook. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Browns Brook, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.6028
AQUATIC LIFE SUPPORT					1.6028

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southwest Coastal Ponds*

Waterbody Name: **Smelt Brook**

Waterbody ID: RI0010043R-07

Waterbody Type: R

Waterbody Size: 0.5456 M

Waterbody Description:
Smelt Brook. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Smelt Brook, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					0.5456
AQUATIC LIFE SUPPORT					0.5456

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Tribs to Pettaquamscutt River*

Waterbody Name: **Pettaquamscutt River**

Waterbody ID: RI0010044E-01A

Waterbody Type: E

Waterbody Size: 0.9118 S

Waterbody Description:
Pettaquamscutt (Narrow) River exclusive of the waters noted below, from the headwaters at the end of Gilbert Stuart Stream to the mouth of the river including Pettaquamscutt Cove. North Kingstown, South Kingstown, Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments:
1999/2000 URI Watershed Watch (URIWW) data and RIDEM TMDL data were used to assess this portion of the Pettaquamscutt River, which is also known as the Narrow River, for shellfishing, swimming, and aquatic life use. The river is permanently closed to shellfishing due to violations of fecal coliform criteria. A TMDL is being conducted on the river. The URI Watershed Watch pathogen data indicates that the fecal coliform levels met swimming criteria. Pettaquamscutt River is assessed as not supporting the shellfishing use, and fully supporting the swimming use. Data collected by the URI Watershed Watch program indicates that the river is fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.9118	
SWIMMABLE	0.9118				
AQUATIC LIFE SUPPORT	0.9118				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
PATHOGENS	0.9118 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
NATURAL SOURCES	0.9118 S	M
Highway/Road/Bridge Runoff	0.9118 S	M
Other Urban Runoff	0.9118 S	M
URBAN RUNOFF/STORM SEWERS	0.9118 S	M

Coastal Waters

Subbasin Name: *Tribs to Pettaquamscutt River*

Waterbody Name: **Pettaquamscutt River**

Waterbody ID: RI0010044E-01B

Waterbody Type: E

Waterbody Size: 0.002 S

Waterbody Description:
Pettaquamscutt (Narrow) River waters in the vicinity of the marina at Middle Bridge. Narragansett

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999/2000 URI Watershed Watch (URIWW) data, RIDEM TMDL data, and RIDEM Shellfish data were used to assess this portion of the Pettaquamscutt River, which is also known as the Narrow River, for shellfishing, swimming, and aquatic life use. This portion of the river is permanently closed to shellfishing and is therefore assessed as not supporting shellfishing use. URI Watershed Watch and RIDEM TMDL data indicate that the fecal coliform levels are meeting swimming criteria. Pettaquamscutt River is assessed as not supporting the shellfishing use, and fully supporting the swimming use. Data collected by the URI Watershed Watch program indicates that the river is fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING				0.002	
SWIMMABLE	0.002				
AQUATIC LIFE SUPPORT	0.002				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
PATHOGENS	0.002 S	H

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
NATURAL SOURCES	0.002 S	M
Highway/Road/Bridge Runoff	0.002 S	M
Other Urban Runoff	0.002 S	M
URBAN RUNOFF/STORM SEWERS	0.002 S	M

Coastal Waters

Subbasin Name: *Tribs to Pettaquamscutt River*

Waterbody Name: **Silver Spring Lake**

Waterbody ID: RI0010044L-02

Waterbody Type: L

Waterbody Size: 18.7466 A

Waterbody Description:
Silver Spring Lake. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
Silver Spring Lake is located in the Pettaquamscutt watershed, in the town of North Kingstown. It has an area of approximately 19 acres, and an average depth of 1.5 meters. With a maximum depth of 4.2 meters, Silver Spring Lake is classified as a shallow water body. The RIDEM stocks Silver Spring Lake with trout. The lake also supports a healthy warm water fishery, and an abundance of diverse plants. Monitoring of Silver Spring Lake began in 1989 by the URI Watershed Watch Program. Overall, Silver Spring Lake is classified as a mesotrophic waterbody. 1999 and 2000 URI Watershed Watch data was used to assess Silver Spring Lake for swimming and aquatic life use. Al the data collected met criteria, and Silver Spring Lake is assessed as fully supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	18.7466				
AQUATIC LIFE SUPPORT	18.7466				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.28233 **Lake Longitude:** 41.32238

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 18.7466

Trophic Trend: D **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 18.7466

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Tribs to Pettaquamscutt River*

Waterbody Name: **Carr Pond (N. Kingstown)**

Waterbody ID: RI0010044L-03

Waterbody Description: Carr Pond. North Kingstown

Waterbody Type: L

Waterbody Size: 54.5588 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Carr Pond, also known as Pausacaco Pond or Gilbert Stuart Pond is located in North Kingstown. Carr Pond has a maximum depth of 19 feet and is considered a deep waterbody. Carr Pond feeds Gilbert Stuart Stream which is well known for its "Buckeye" or alewife runs in the spring. The pond has been monitored by URI Watershed Watch since 1989. Its multi-year trophic status is mesotrophic. The DO measured at a depth of 4 meters, generally drops below 3 mg/l in mid-summer. The pond is darkly colored from tannic acid. In 1998, an increase in tannic acid staining resulted from the very wet weather in the spring. The increased organic materials associated with th tannic acid required additional oxygen for decomposition which resulted in the naturally occurring lov DO in the bottom waters. The data did not show elevated levels of phosphorus or chlorophyll. 1999 and 2000 sampling data indicated the pond is fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	54.5588				
AQUATIC LIFE SUPPORT	54.5588				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.27727 **Lake Longitude:** 41.31245

Trophic Status: M **O, M, E, H, D or O/M etc.** **Trend Size:** 54.5588

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 54.5588

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Tribs to Pettaquamscutt River*

Waterbody Name: **Gilbert Stuart Stream**

Waterbody ID: RI0010044R-01

Waterbody Type: R

Waterbody Size: 0.212 M

Waterbody Description:
Gilbert Stuart Stream. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: 1999 RIDEM Narrow River TMDL data, and 1999 and 2000 Watershed Watch data were used to assess Gilbert Stuart Stream. NRPA, as part of the URI Watershed Watch program, has been monitoring this stream since 1992. Data indicated that fecal coliform levels were not meeting swimming criteria. Gilbert Stuart Stream was assessed as fully supporting aquatic life use, and partially supporting swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			0.212		
AQUATIC LIFE SUPPORT	0.212				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.212	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	0.212 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	0.212 M	M
Onsite Wastewater Systems (Septic Tanks)	0.212 M	M
LAND DISPOSAL	0.212 M	M

Coastal Waters

Subbasin Name: *Tribs to Pettaquamscutt River*

Waterbody Name: **Mattatuxet River**

Waterbody ID: RI0010044R-02

Waterbody Type: R

Waterbody Size: 1.4942 M

Waterbody Description:
Mattatuxet River. North Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Mattatuxet River, located in North Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.4942
AQUATIC LIFE SUPPORT					1.4942

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Tribs to Pettaquamscutt River*

Waterbody Name: **Crooked Brook**

Waterbody ID: RI0010044R-03

Waterbody Description: Crooked Brook. Narragansett

Waterbody Type: R

Waterbody Size: 2.2196 M

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Crooked Brook was monitored by RIDEM staff as part of the Narrow River TMDL study in 1999. Fecal coliform data was collected on this brook during the summer of 2001. The pathogen data collected in 2001 revealed that the brook is not meeting swimming criteria, and is therefore not supporting the swimming use. Using best professional judgement aquatic life use is considered to be fully supporting.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE				2.2196	
AQUATIC LIFE SUPPORT	2.2196				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Non-fixed-station monitoring, conventional, during key seasons and flows

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
PATHOGENS	2.2196 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
NATURAL SOURCES	2.2196 M	M
Highway/Road/Bridge Runoff	2.2196 M	M
URBAN RUNOFF/STORM SEWERS	2.2196 M	M
AGRICULTURE	2.2196 M	M

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Saugatucket Pond**

Waterbody ID: RI0010045L-01

Waterbody Description: Saugatucket Pond. South Kingstown

Waterbody Type: L

Waterbody Size: 40.684 A

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: Saugatucket Pond is located in the Saugatucket watershed in the town of South Kingstown. Saugatucket Pond is an impoundment of the Saugatucket River, originally created to provide water for the mills in Peacedale. It has an area of approximately 40 acres, with a maximum depth of 3 meters. Saugatucket Pond is classified as a shallow water body. It has been monitored since 1992 by the URI Watershed Watch Program, and is classified as a eutrophic water body. 1999 and 2000 URI Watershed Watch data, and Summer 2000 RIDEM TMDL data were used to assess Saugatucket Pond for swimming and aquatic life use. Pathogen data collected met swimming criteria, and Saugatucket Pond is assessed as fully supporting swimming use. The presence of noxious aquatic plants, biodiversity impacts, and elevated total phosphorus levels are causing Saugatucket Pond to remain assessed as partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	40.684				
AQUATIC LIFE SUPPORT			40.684		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.2936 **Lake Longitude:** 41.2724

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 40.684

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 40.684

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
Phosphorus	40.684 A	M
NUTRIENTS	40.684 A	M
BIODIVERSITY IMPACTS	40.684 A	M
NOXIOUS AQ. PLANTS native	40.684 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
INTERNAL NUTRIENT CYCLING (primarily lak	40.684 A	M
Hazardous Waste	40.684 A	M
Landfills	40.684 A	M
LAND DISPOSAL	40.684 A	M
Erosion and Sedimentation	40.684 A	M
Highway/Road/Bridge Runoff	40.684 A	M
URBAN RUNOFF/STORM SEWERS	40.684 A	M

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Asa Pond**

Waterbody ID: RI0010045L-02

Waterbody Type: L

Waterbody Size: 23.8475 A

Waterbody Description:
Asa Pond. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Asa Pond, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					23.8475
AQUATIC LIFE SUPPORT					23.8475

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 23.8475

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Peace Dale Reservoir**

Waterbody ID: RI0010045L-03

Waterbody Description: Peace Dale Reservoir. South Kingstown

Waterbody Type: L

Waterbody Size: 11.7073 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Peace Dale Reservoir, located in South Kingstown, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					11.7073
AQUATIC LIFE SUPPORT					11.7073

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 11.7073

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Indian Lake**

Waterbody ID: RI0010045L-04

Waterbody Type: L

Waterbody Size: 264.6614 A

Waterbody Description:
Indian Lake. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Indian Lake is located in the Saugatucket watershed, in the town of South Kingstown. Indian Lake has an area of 264 acres, and an average depth of 1.1 meters. With a maximum depth of 2.5 meters, it is classified as a shallow water body. Indian Lake supports a warm water fishery, and according t RIDEM, sustains one of the state's few remaining populations of small mouth bass. Indian Lake has been monitored by URI Watershed Watch (URIWW) since 1990. Data collected by URIWW in 1999 and 2000 was used for this assessment. The data collected showed that Indian Lake is fully supporting both swimming and aquatic life uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	264.66				
AQUATIC LIFE SUPPORT	264.66				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.28157 **Lake Longitude:** 41.28482

Trophic Status: M *O, M, E, H, D or O/M etc.* **Trend Size:** 264.66

Trophic Trend: S *(I)mproving, (S)table or (D)eteriorating*

Acid/Toxics Trend: S I, S, D or Unknown **Size Assessed for Acidity:** 264.66

Acidity Effects: N *(I)mpaired, (V)ulnerable, (N)ot Impaired*

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Silver Lake**

Waterbody ID: RI0010045L-05

Waterbody Type: L

Waterbody Size: 44.7826 A

Waterbody Description:
Silver Lake. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Silver Lake is located in the Saugatucket watershed, in the town of South Kingstown. It has an area of approximately 44 acres, and is groundwater fed, with no inlet or outlet. With a maximum depth of 10 meters, Silver Lake is classified as a deep water body. Silver Lake has been monitored since 1993 by the URI Watershed Watch Program and is considered a reference lake. Overall, Silver Lake is classified as a low nutrient, oligotrophic water body. 1999 and 2000 URI Watershed Watch data was used to assess Silver Lake for swimming and aquatic life use. It is noted that dissolved oxygen levels drop in the bottom waters of the lake, but this thought to be natural stratification. All the remaining data collected met criteria, and Silver Lake is assessed as fully supporting both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	44.7826				
AQUATIC LIFE SUPPORT	44.7826				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 71.292 **Lake Longitude:** 41.2603

Trophic Status: O **O, M, E, H, D or O/M etc.** **Trend Size:** 44.783

Trophic Trend: D **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 44.783

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Fresh Meadow Brook**

Waterbody ID: RI0010045R-01

Waterbody Description: Fresh Meadow Brook. South Kingstown

Waterbody Type: R

Waterbody Size: 0.9403 M

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Data collected from the 1997 Saugatucket River project was used to assess Fresh Meadow Brook. Data collected indicated that Fresh Meadow Brook is fully supporting for both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.9403				
AQUATIC LIFE SUPPORT	0.9403				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.9403	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Indian Run Brook**

Waterbody ID: RI0010045R-02

Waterbody Type: R

Waterbody Size: 3.3123 M

Waterbody Description:
Indian Run Brook. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Data collected from the Saugatucket River Watershed TMDL was used to assess Indian Run Brook. The data showed elevated pathogen levels during wet weather only. Chemical data showed levels of dissolved copper, lead and zinc were violating criteria. Indian Run Brook is assessed as partially supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			3.3123		
AQUATIC LIFE SUPPORT			3.3123		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:		3.3123	
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
PATHOGENS	3.3123 M	M
Zinc	3.3123 M	M
Lead	3.3123 M	M
Copper	3.3123 M	M
METALS	3.3123 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
Highway/Road/Bridge Runoff	3.3123 M	M
URBAN RUNOFF/STORM SEWERS	3.3123 M	M

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Mitchell Brook**

Waterbody ID: RI0010045R-03A

Waterbody Type: R

Waterbody Size: 1.6448 M

Waterbody Description:
Mitchell Brook headwaters to the Rose Hill Landfill property. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Data from the Saugatucket River Water Quality Investigation, 1997 study by URI for RIDEM; Summer 2000 RIDEM TMDL work, and macroinvertebrate data collected as part of a Site Remediation study of the Rose Hill landfill, were used to assess this portion of Mitchell Brook for swimming and aquatic life use. Data collected showed pathogens were violating criteria, which caused Mitchell Brook to be assessed as partially supporting for swimming use. The biological data indicated that the aquatic life use was being fully supported.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			1.6448		
AQUATIC LIFE SUPPORT	1.6448				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			1.6448
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
PATHOGENS	1.6448 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
NATURAL SOURCES	1.6448 M	M
AGRICULTURE	1.6448 M	M

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Mitchell Brook**

Waterbody ID: RI0010045R-03B

Waterbody Type: R

Waterbody Size: 0.6794 M

Waterbody Description:
Mitchell Brook from the Rose Hill Landfill to the confluence with the Saugatucket River. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Summer 2000 RIDEM TMDL work, and biological data collected as part of a Site Remediation study of the Rose Hill landfill, were used to assess this portion of Mitchell Brook for swimming and aquatic life use. Data collected showed pathogens were violating criteria, which caused Mitchell Brook to be assessed as partially supporting for swimming use. Evaluation of the macroinvertebrates indicated an impaired biological community therefore, this portion of Mitchell Brook is assessed as partially supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			0.6794		
AQUATIC LIFE SUPPORT			0.6794		

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 2 **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			0.6794
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Ecological/habitat surveys

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	Size of Waterbody Affected	Relative Magnitude
BIODIVERSITY IMPACTS	0.6794 M	M
PATHOGENS	0.6794 M	M
Iron	0.6794 M	M
METALS	0.6794 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	Size of Waterbody Affected	Relative Magnitude
GROUNDWATER LOADINGS	0.6794 M	M
NATURAL SOURCES	0.6794 M	M
Hazardous Waste	0.6794 M	M
Landfills	0.6794 M	M
LAND DISPOSAL	0.6794 M	M
Highway/Road/Bridge Runoff	0.6794 M	M
URBAN RUNOFF/STORM SEWERS	0.6794 M	M

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Rocky Brook**

Waterbody ID: RI0010045R-04

Waterbody Type: R

Waterbody Size: 0.8251 M

Waterbody Description:
Rocky Brook. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: Data collected in 1997 as part of the Saugatucket River Study and Summer 2000 RIDEM TMDL data were used to assess Rocky Brook for swimming and aquatic life use. Data collected showed fecal coliform were violating criteria during wet weather, therefore, Rocky Brook is assessed as partially supporting swimming use. Other data collected met criteria, and Rocky Brook is assessed as fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			0.8251		
AQUATIC LIFE SUPPORT	0.8251				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.8251	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
PATHOGENS	0.8251 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
SOURCE UNKNOWN	0.8251 M	M
Highway/Road/Bridge Runoff	0.8251 M	M
URBAN RUNOFF/STORM SEWERS	0.8251 M	M

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Saugatucket River**

Waterbody ID: RI0010045R-05A

Waterbody Type: R

Waterbody Size: 3.0962 M

Waterbody Description:
Headwaters of the Saugatucket River to the Rose Hill Landfill property. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Summer 2000 Random Sampling Design (RSD) data, URI's 1997 Saugatucket River Study, and Rosehill Landfill Site Remediation data were used to assess this portion of the Saugatucket River which runs from the headwaters to the Rose Hill Landfill Property. All data collected met criteria, and this portion of the Saugatucket River is assessed as fully supporting for both swimming and aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	3.0962				
AQUATIC LIFE SUPPORT	3.0962				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2,3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			3.0962
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Ecological/habitat surveys

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Saugatucket River**

Waterbody ID: RI0010045R-05B

Waterbody Type: R

Waterbody Size: 2.2851 M

Waterbody Description:
Saugatucket River from the Rose Hill Landfill property to the dam at Main Street in Wakefield. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments:
RIDEM TMDL data collected during the summer of 2000, URI's 1997 Saugatucket River Study, Rosehill Landfill Site Remediation Project , and Rapid Bioassessment Protocol (RBP) data were used to assess this portion of the Saugatucket River, which runs from the Rose Hill Landfill property to the dam at Main Street in Wakefield. RBP data collected in 1999 showed a slightly to moderately impaired biological community. Data from 2000 showed a slightly impaired biological community. Site remediation data indicated an impaired biological community and violations of iron criteria. URI's data and the TMDL data both found pathogens to be exceeding swimming criteria during wet weather. This portion of Saugatucket River is assessed as partially supporting swimming use, and not supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			2.2851		
AQUATIC LIFE SUPPORT				2.2851	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			2.2851

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

Ecological/habitat surveys

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
BIODIVERSITY IMPACTS	2.2851 M	H
PATHOGENS	2.2851 M	M
AMMONIA (UNIONIZED)	2.2851 M	S
Iron	2.2851 M	M
METALS	2.2851 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
GROUNDWATER LOADINGS	2.2851 M	H
NATURAL SOURCES	2.2851 M	H
Hazardous Waste	2.2851 M	H
Landfills	2.2851 M	H
LAND DISPOSAL	2.2851 M	H
Highway/Road/Bridge Runoff	2.2851 M	H
Other Urban Runoff	2.2851 M	H
URBAN RUNOFF/STORM SEWERS	2.2851 M	H

Coastal Waters

Subbasin Name: *Saugatucket River & Tribs*

Waterbody Name: **Saugatucket River**

Waterbody ID: RI0010045R-05C

Waterbody Type: R

Waterbody Size: 0.2357 M

Waterbody Description:
Saugatucket River from the Main Street Dam in Wakefield to the Route 1 overpass. South Kingstown

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: Y

Assessment Comments: 2000 Random Sampling Design (RSD) data, and RIDEM TMDL data were used to assess this portion of the Saugatucket River, which runs from the Main Street Dam in Wakefield to the Route 1 overpass in South Kingstown. Fecal coliform data collected by the TMDL work on the upstream portions of the river, were extrapolated downstream to this portion of the river. This portion of the Saugatucket River is assessed as partially supporting swimming use. RSD data collected met criteria and the river is assessed as fully supporting aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE			0.2357		
AQUATIC LIFE SUPPORT	0.2357				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 3

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		0.2357	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

Physical/chemical data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
PATHOGENS	0.2357 M	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
NATURAL SOURCES	0.2357 M	M
Highway/Road/Bridge Runoff	0.2357 M	M
URBAN RUNOFF/STORM SEWERS	0.2357 M	M

Coastal Waters

Subbasin Name: *Block Island Waters*

Waterbody Name: **Great Salt Pond**

Waterbody ID: RI0010046E-01A

Waterbody Type: E

Waterbody Size: 0.3126 S

Waterbody Description:
Great Salt Pond north of a line from the northern most extremity of Cormorant Point to the northern most landward dock located at the Block Island Club. New Shoreham

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data, and 1992 Salt Pond Watchers data were used to assess this portion of Great Salt Pond. Fecal coliform data met both swimming and shellfishing criteria. Salt Pond Watchers data showed aquatic life use was being fully supported. Swimming, shellfishing, and aquatic life were all assessed as fully supporting their use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.3126				
SHELLFISHING	0.3126				
AQUATIC LIFE SUPPORT	0.3126				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Block Island Waters*

Waterbody Name: **Great Salt Pond**

Waterbody ID: RI0010046E-01B

Waterbody Type: E

Waterbody Size: 0.6604 S

Waterbody Description:
Great Salt Pond south of a line from the northern most extremity of Cormorant Point to the northern most landward dock located at the Block Island Club. New Shoreham

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data, and 1992 Salt Pond Watchers data were used to assess this portion of Great Salt Pond. Fecal coliform data met both swimming and shellfishing criteria. Salt Pond Watchers data showed aquatic life use was being fully supported. Swimming, shellfishing, and aquatic life were all assessed as fully supporting their use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.6604				
SHELLFISHING	0.6604				
AQUATIC LIFE SUPPORT	0.6604				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Block Island Waters*

Waterbody Name: **Block Island Waters**

Waterbody ID: RI0010046E-02A

Waterbody Type: E

Waterbody Size: 0.0189 S

Waterbody Description:
Block Island Waters in the vicinity of Pebbly Beach, within a 500 foot radius of the New Shoreham marine sewer outfall. Block Island

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of Block Island Waters. The data showed that this area is fully meeting swimming standards. The area is assessed as fully supporting swimming use. Since no other data was collected, this area is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0189				
AQUATIC LIFE SUPPORT					0.0189

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Block Island Waters*

Waterbody Name: **Block Island Waters**

Waterbody ID: RI0010046E-02B

Waterbody Type: E

Waterbody Size: 0.0423 S

Waterbody Description:
Block Island Waters in the vicinity of Pebbly Beach exclusive of the waters described above, which are within 1000 feet from shore from a point 1000 feet north of the New Shoreham marine sewer outfall to a point 1000 feet south of the marine sewer outfall. Block Island

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of Block Island Waters. The data showed that this area is fully meeting swimming standards. The area is assessed as fully supporting swimming use. Since no other data was collected, the area is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0423				
AQUATIC LIFE SUPPORT					0.0423

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Block Island Waters*

Waterbody Name: **Block Island Waters**

Waterbody ID: RI0010046E-02C

Waterbody Type: E

Waterbody Size: 0.0282 S

Waterbody Description:
Block Island Waters in the vicinity of Old Harbor west of a line from the fixed red light at the end of the northern breakwater to the seaward end of the southern breakwater. Block Island

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish Monitoring data was used to assess this portion of Block Island Waters. The data showed that this area is fully meeting swimming standards. The area is assessed as fully supporting swimming use. Since no other data was collected, this area is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	0.0282				
AQUATIC LIFE SUPPORT					0.0282

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Block Island Waters*

Waterbody Name: **Block Island Waters**

Waterbody ID: RI0010046E-02D

Waterbody Type: E

Waterbody Size: 2.0498 S

Waterbody Description:
Block Island Waters along the eastern coast exclusive of the waters described above, which are within 5,900 feet of the New Shoreham marine sewer outfall. Block Island

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RIDEM Shellfish data was used to assess this portion of Block Island Waters. This area is in the vicinity of an approved sanitary discharge and may be impacted in the event of complete failure of treatment and is therefore, permanently closed to shellfishing. The data showed that this area is fully meeting shellfishing and swimming standards. The area is assessed as fully supporting swimming and shellfishing use. Since no other data was collected, this area is unassessed for aquatic life use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.0498				
SHELLFISHING	2.0498				
AQUATIC LIFE SUPPORT					2.0498

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Block Island Waters*

Waterbody Name: **Sands Pond**

Waterbody ID: RI0010046L-01

Waterbody Type: L

Waterbody Size: 12.7289 A

Waterbody Description:
Sands Pond. New Shoreham

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: Y

Assessment Comments: RIDEM TMDL data collected in June 2001, and RI Department of Health (RIDOH) Drinking Water Supply Data were used to assess Sands Pond. TMDL data collected showed total Phosphorus levels violated criteria. RIDOH Drinking Water data showed Sands Pond is partially supporting drinking water use. No fecal coliform data was collected to assess Sands Pond for swimming. Therefore, Sands Pond is assessed as not supporting aquatic life use, partially supporting for drinking water use, and unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY			12.7289		
SWIMMABLE					12.7289
AQUATIC LIFE SUPPORT				12.7289	

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

Non-fixed station physical/chemical monitoring, conventional pollutant only

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

Cause	*Size of Waterbody Affected*	*Relative Magnitude*
TURBIDITY	12.7289 A	M
EXCESS ALGAL GROWTH/CHL-	12.7289 A	M
TASTE AND ODOR	12.7289 A	M
Phosphorus	12.7289 A	M
NUTRIENTS	12.7289 A	M

POTENTIAL SOURCES OF IMPAIRMENT

Potential Sources	*Size of Waterbody Affected*	*Relative Magnitude*
SOURCE UNKNOWN	12.7289 A	M

Coastal Waters

Subbasin Name: *Block Island Waters*

Waterbody Name: **Fresh Pond**

Waterbody ID: RI0010046L-02

Waterbody Type: L

Waterbody Size: 19.714 A

Waterbody Description:
Fresh Pond. New Shoreham

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: 1999 and 2000 RI Department of Health (RIDOH) Drinking Water Supply data was used to assess Fresh Pond, which is the primary drinking water supply for Block Island. Data collected by RIDOH showed that Fresh Pond met criteria for drinking water use. Fresh Pond is assessed as fully supporting for drinking water use, and unassessed for both aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
DRINKING WATER SUPPLY	19.714				
SWIMMABLE					19.714
AQUATIC LIFE SUPPORT					19.714

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 19.714

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Other Agencies/Organizations provided monitoring data

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

Community water supply chemical monitoring (ambient water)

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Organics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Block Island Waters*

Waterbody Name: **Sachem Pond**

Waterbody ID: RI0010046L-03

Waterbody Type: L

Waterbody Size: 79.9251 A

Waterbody Description:
Sachem Pond. New Shoreham

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Sachem Pond, located in New Shoreham, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					79.9251
AQUATIC LIFE SUPPORT					79.9251

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: Y **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 79.925

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Block Island Waters*

Waterbody Name: **Middle Pond**

Waterbody ID: RI0010046L-04

Waterbody Description: Middle Pond. New Shoreham

Waterbody Type: L

Waterbody Size: 15.9706 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Middle Pond, located in New Shoreham, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					15.9706
AQUATIC LIFE SUPPORT					15.9706

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Aquidneck*

Waterbody Name: **Almy Pond**

Waterbody ID: RI0010047L-01

Waterbody Type: L

Waterbody Size: 49.8488 A

Waterbody Description:
Almy Pond. Newport

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Almy Pond, located in Newport, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					49.8488
AQUATIC LIFE SUPPORT					49.8488

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 49.8488

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Coastal Aquidneck*

Waterbody Name: **Lily Pond**

Waterbody ID: RI0010047L-02

Waterbody Type: L

Waterbody Size: 29.1292 A

Waterbody Description:
Lily Pond. Newport

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Lily Pond, located in Newport, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					29.1292
AQUATIC LIFE SUPPORT					29.1292

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 29.1292

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Briggs Marsh Pond**

Waterbody ID: RI0010048E-01

Waterbody Type: E

Waterbody Size: 0.2924 S

Waterbody Description:
Briggs Marsh Pond. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments:
1997 and 1998 URI Watershed Watch data was used to make an evaluated assessment for Briggs Marsh Pond. Briggs Marsh pond, located in Little Compton, is a coastal pond with an intermittent connection to Rhode Island Sound. Monitoring of Briggs Marsh began in 1996 by the URI Watershed Watch Program. In general, water quality in Briggs Marsh Pond has fluctuated significantly. Chlorophyll levels fluctuated over a wide range, some of which may be due to flushing created by the natural opening and closing of the marsh breachway. Phosphorus levels also fluctuated significantly, but remained at eutrophic levels throughout. Periodic exceedances of the fecal coliform criteria occurred over the three years of sampling. These samples may have been collected in the vicinity of waterfowl. Continued sampling on Briggs Marsh will help determine if this is a localized event or from watershed inputs. Briggs Marsh is assessed as fully supporting both swimming and aquatic life uses. The pond is unassessed for shellfishing use because the DEM Shellfish Monitoring Program does not sample in this pond.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING					0.2924
SWIMMABLE	0.2924				
AQUATIC LIFE SUPPORT	0.2924				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: E **O, M, E, H, D or O/M etc.** **Trend Size:** 0.2924

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 0.2924

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

ASSESSMENTS BASED ON DATA FROM OTHER SOURCES

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Quicksand Pond**

Waterbody ID: RI0010048E-02

Waterbody Type: E

Waterbody Size: 0.6122 S

Waterbody Description:
Quicksand Pond. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: Quicksand Pond, located in Little Compton, is a coastal pond with an intermittent connection to Rhode Island Sound. With a maximum depth of 2.7 meters, it is classified as a shallow water body. A barrier beach separates the pond from the sound. The pond stores runoff throughout much of the year, until either storm events or floodwaters breach it. Quicksand Pond has been monitored by the URI Watershed Watch Program since 1995. Data collected met criteria, and Quicksand Pond is assessed as fully supporting for both swimming and aquatic life uses. The pond is unassessed for shellfishing because the barrier beach prohibits boats from accessing the pond.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SHELLFISHING					0.6122
SWIMMABLE	0.6122				
AQUATIC LIFE SUPPORT	0.6122				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: ME **O, M, E, H, D or O/M etc.** **Trend Size:** 0.6122

Trophic Trend: S **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: S **I, S, D or Unknown** **Size Assessed for Acidity:** 0.6122

Acidity Effects: N **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Long Pond (Little Compton)**

Waterbody ID: RI0010048L-01

Waterbody Description: Long Pond. Little Compton

Waterbody Type: L

Waterbody Size: 40.8536 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Long Pond, located in Little Compton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					40.8536
AQUATIC LIFE SUPPORT					40.8536

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 40.8536

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Round Pond (Little Compton)**

Waterbody ID: RI0010048L-02

Waterbody Description: Round Pond. Little Compton

Waterbody Type: L

Waterbody Size: 34.2482 A

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Round Pond, located in Little Compton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					34.2482
AQUATIC LIFE SUPPORT					34.2482

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 34.2482

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Simmons Pond**

Waterbody ID: RI0010048L-03

Waterbody Type: L

Waterbody Size: 36.8336 A

Waterbody Description:
Simmons Pond. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: N

On 2002 303(d) List?: N

Assessment Comments: An evaluated assessment for aquatic life use was made for Simmons Pond based on data extrapolated from a Rapid Bioassessment Protocol and Chemical Baseline station located downstream on Cold Brook. Based on the biological and chemical data collected just downstream, Simmons Pond is assessed as fully supporting aquatic life use. Due to the lack of pathogen data, the pond is unassessed for swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					36.8336
AQUATIC LIFE SUPPORT	36.8336				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: N **Lake Latitude:** 71.3113 **Lake Longitude:** 41.4751

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 36.8336

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Biological/habitat data extrapolated from upstream or downstream waterbody

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Tunipus Pond**

Waterbody ID: RI0010048L-04

Waterbody Type: L

Waterbody Size: 48.1757 S

Waterbody Description:
Tunipus Pond. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Tunipus Pond, located in Little Compton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					48.1757
AQUATIC LIFE SUPPORT					48.1757

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: **Stream Order(s):**

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: U **O, M, E, H, D or O/M etc.** **Trend Size:** 48.1757

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Cold Brook**

Waterbody ID: RI0010048R-01

Waterbody Type: R

Waterbody Size: 3.197 M

Waterbody Description:
Cold Brook. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: Data used for the assessment of Cold Brook comes from the 1999 and 2000 Rapid Bioassessment Protocol (macroinvertebrate) sampling data and Summer 2000 Random Sampling Design data. The biological data showed a slightly impaired biological community in 1999, and a non-impaired community in 2000. The slight impairment is thought to be due to low flow in 1999. Cold Brook is a waterbody, which is influenced greatly by low flow conditions. The chemical data showed acceptab levels of dissolved metals, chlorides and nitrates. The brook is assessed as fully supporting for aquatic life and unassessed for swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					3.197
AQUATIC LIFE SUPPORT	3.197				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 1

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			3.197
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Non-fixed station physical/chemical, conventional plus toxicants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Dundery Brook**

Waterbody ID: RI0010048R-02A

Waterbody Type: R

Waterbody Size: 1.0446 M

Waterbody Description:
Dundery Brook headwaters to Meetinghouse Lane. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of Dundery Brook, located from the headwaters to Meetinghouse Lane in Little Compton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.0446
AQUATIC LIFE SUPPORT					1.0446

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Dundery Brook**

Waterbody ID: RI0010048R-02B

Waterbody Type: R

Waterbody Size: 1.0963 M

Waterbody Description:
Dundery Brook from Meetinghouse Lane to 1 mile downstream of Meetinghouse Lane. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: This portion of Dundery Brook located from Meetinghouse Lane to 1 mile downstream of Meetinghouse Lane in Little Compton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					1.0963
AQUATIC LIFE SUPPORT					1.0963

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Dundery Brook**

Waterbody ID: RI0010048R-02C

Waterbody Type: R

Waterbody Size: 1.0717 M

Waterbody Description:
Dundery Brook from 1 mile downstream of Meetinghouse Lane to Briggs Marsh Pond. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? M Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments:
This portion of Dundery Brook is located from 1 mile downstream of Meetinghouse Lane to Briggs Marsh Pond in Little Compton. Water chemistry from the 1999 and 2000 Chemical Baseline Monitoring and biological data from the 1999 and 2000 Rapid Bioassessment Protocol project were utilized to assess this portion of Dundery Brook. The biological data, which has been collected since 1992, showed a slightly impaired community in both 1999 and 2000. This brook is thought to be drought influenced, which could be the cause of the slight biological impairments. The 1999 and 2000 water chemistry data met criteria for total phosphorus, fecal coliform, and dissolved cadmium, however dissolved lead levels were elevated. This portion of Dundery Brook is assessed as fully supporting aquatic life and swimming use.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	1.0717				
AQUATIC LIFE SUPPORT	1.0717				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): 3 **Physical/Chem Description Level (1 to 4):** 3

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			1.0717
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

Water column surveys (e.g., fecal coliform)

PATHOGEN MONITORING

Visual Obs., some parameters quantitative, single season, by professional

HABITAT ASSESSMENT

RBP I or II or equivalent benthos surveys

Regional reference site approach

BIOLOGICAL MONITORING

Fixed station physical/chemical, conventional plus toxic pollutants

PHYSICAL/CHEMICAL MONITORING

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Brook East of Cold Brook**

Waterbody ID: RI0010048R-03

Waterbody Type: R

Waterbody Size: 2.8256 M

Waterbody Description:
Brook East of Cold Brook. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? E Monitored for Toxics?: Y

On 2002 303(d) List?: N

Assessment Comments: The Brook East of Cold Brook was monitored in 1991 as part of the Chemical Baseline project. In addition, the brook was monitored in 1996 as part of the tributary monitoring conducted by the URI Watershed Watch Program. The data showed acceptable levels of nutrients, ammonia, chlorides, fecal coliform and sodium. The evaluated assessment for this brook is fully supporting for both aquatic life and swimming uses.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE	2.8256				
AQUATIC LIFE SUPPORT	2.8256				

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1,2

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** 2

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:		2.8256	
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

(VOL.) Bacteriological water column sampling by quality-assured volunteers

(VOL.) Chem./phys. monitoring data by quality-assured volunteer program

Fixed station physical/chemical, conventional plus toxic pollutants

Monitoring data more than 5 years old

QUALITATIVE (EVALUATED) ASSESSMENT - UNSPECIFIED

MEDIA/POLLUTANT TYPE ASSESSED

Other inorganics in water column

Metals in water column

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT

Coastal Waters

Subbasin Name: *Southeast Coastal Ponds*

Waterbody Name: **Sisson Brook**

Waterbody ID: RI0010048R-04

Waterbody Type: R

Waterbody Size: 2.5045 M

Waterbody Description:
Sisson Brook. Little Compton

Assessment Date: 2002 Monitored or Evaluated Data? Monitored for Toxics?:

On 2002 303(d) List?: N

Assessment Comments: Sisson Brook, located in Little Compton, is unassessed.

USE SUPPORT SUMMARY

NAME	Fully Supporting	Threatened	Partially Supporting	Not Supporting	Not Assessed
SWIMMABLE					2.5045
AQUATIC LIFE SUPPORT					2.5045

AQUATIC LIFE USE SUPPORT FOR WADEABLE RIVERS AND STREAMS

Wadeable River?: Y **Stream Order(s):** 1

Bio/Habitat Description Level (1 to 4): _____ **Physical/Chem Description Level (1 to 4):** _____

	B/H Only	P/C Only	Both B/H P/C
Fully Supporting:			
FS/but Threatened:			
Partially Supporting:			
Not Supporting:			

LAKES

Public Lake?: _____ **Lake Latitude:** 0 **Lake Longitude:** 0

Trophic Status: _____ **O, M, E, H, D or O/M etc.** **Trend Size:** _____

Trophic Trend: _____ **(I)mproving, (S)table or (D)eteriorating**

Acid/Toxics Trend: _____ **I, S, D or Unknown** **Size Assessed for Acidity:** 0

Acidity Effects: _____ **(I)mpaired, (V)ulnerable, (N)ot Impaired**

Size Impaired or Threatened by Acidity: _____

Coastal Waters

ASSESSMENT TYPE

MEDIA/POLLUTANT TYPE ASSESSED

CAUSES OF IMPAIRMENT

POTENTIAL SOURCES OF IMPAIRMENT