Attachment J
Blackstone Feasibility Study
Task C - EPA Stream Score Data

Documented Sites										EPA SCORES												
Field_ID	SampleID	Date of Survey	CWF?	Waterbody Name	Location Description	Latitude	Longitude	Method	Gradient	1	2	3	4	5	6	7	8LB	8RB	9LB	9RB	10LB	10RB
S-1	304	6/26/2001	YES	Ararat Brook	Tributary to Indian Lake	42.3090	71.8205	Backpack Shocking	L	19	15	15	13	18	19	18	7	7	8	8	6	6
S-6	421	8/16/2001	YES	Cronin Brook	Follette Street	42.1844	71.7086	Backpack Shocking	L	17	16	11	11	10	20	16	9	9	10	10	10	10
S-5	533	6/27/2001	YES	Cold Spring Brook	East of Route 122A	42.1753	71.7285	Backpack Shocking	L	19	18	19	19	19	11	10	9	9	10	10	6	6
S-2	542	6/26/2001	NO	Middle River	Downstream of St. Johns cemetary bridge	42.2386	71.8208	Backpack Shocking	L	12	17	8	8	14	5	1	6	N/A	7	7	4	4
S-3	323	8/16/2001	NO	Blackstone River	North of Millbury Street	42.2269	71.7869	Barge Shocking	L	16	17	11	15	16	7	8	6	6	5	5	2	2
S-4	441	9/20/2001	NO	Blackstone River	South of Route 122	42.1928	71.7530	Barge Shocking	L	18	18	12	15	17	9	7	5	5	3	3	1	1

Secondary Sites										EPA SCORES												
Field_ID	SampleID	Date of Survey	CWF?	Waterbody Name	Location Description	Latitude	Longitude	Method	Gradient	1	2	3	4	5	6	7	8LB	8RB	9LB	9RB	10LB	10RB
XS-1	229	9/8/1998	YES	Miscoe Brook	Downstream of George Hill Road	42.2139	71.6509	Backpack Shocking	**No Data Available**													
XS-2	238	8/5/1998	YES	Tatnuck Brook	Upstream from Williams Mill Pond	42.2607	71.8479	DEP Backpack														
XS-3	440	6/11/2001	YES	Sewell Brook	West of Sewell Street	42.3247	71.7414	Backpack Shocking														
XS-4	534	6/11/2001	YES	Poor Farm Brook	200 yarrds SE of Mountain Street	42.3160	71.7786	Backpack Shocking														

Key to EPA Scoring:		
1. Epifaunal Substrate/Available Cover		Optimal 20-16; Suboptimal 15-11; Marginal 10-6; Poor 5-0
2. Pool Substrate Characterization		Optimal 20-16; Suboptimal 15-11; Marginal 10-6; Poor 5-0
3. Pool Variability		Optimal 20-16; Suboptimal 15-11; Marginal 10-6; Poor 5-0
4. Sediment Deposition		Optimal 20-16; Suboptimal 15-11; Marginal 10-6; Poor 5-1
5. Channel Flow Status		Optimal 20-16; Suboptimal 15-11; Marginal 10-6; Poor 5-2
6. Channel Alteration		Optimal 20-16; Suboptimal 15-11; Marginal 10-6; Poor 5-3
7. Channel Sinuosity		Optimal 20-16; Suboptimal 15-11; Marginal 10-6; Poor 5-4
8. Bank Stability:		
	Left Bank (LB):	Optimal 10-9; Suboptimal 8-6; Marginal 5-3; Poor 2-0
	Right Bank (RB):	Optimal 10-9; Suboptimal 8-6; Marginal 5-3; Poor 2-0
9. Bank Vegetative Protection:		
	Left Bank (LB):	Optimal 10-9; Suboptimal 8-6; Marginal 5-3; Poor 2-0
	Right Bank (RB):	Optimal 10-9; Suboptimal 8-6; Marginal 5-3; Poor 2-0
10. Riparian Vegetative Zone Width:		
	Left Bank (LB):	Optimal 10-9; Suboptimal 8-6; Marginal 5-3; Poor 2-0
	Right Bank (RB):	Optimal 10-9; Suboptimal 8-6; Marginal 5-3; Poor 2-0

Massachusetts Division of Fisheries and Wildlife. *Fisheries Survey of the Blackstone River Watershed, 1998-2001.*
For more information on the scoring classifications, refer to EPA's Water Quality Montoring and Assessment website at http://www.epa.gov/owow/monitoring/.