

EnvPlan	Aquatic	Aquatic	Water	WaterBody	Drainage	Agency	Agency	Date	Issue	Issue	Action	Action	Action	Action	Obstructing	Follow	Photo
ID	ActivityID	SiteID	BodyID	Name	Cd	Cd	SiteID		Category		Required	Target Date	Priority	Date	Fish passage	Up Date	#
1	154761		34880	Middle River	05-01-03-00-00-00	BSD	Middle 1	10/14/2009	Land Use	Location of Municipal Water Intake. River beds altered and dredged, river banks altered and filled with rip rap. Also ATV trail crossing river.	Landowner education.		9		no		mid -1A-B
2	154762	4294	34880	Middle River	05-01-03-00-00-00	BSD	Middle 2	10/14/2009	Land Use	Some brush cutting and tree clearing within the buffer zone.	Landowner education.		9		no		mid 2A-B
3	154763		34880	Middle River	05-01-03-00-00-00	BSD	Middle 3	10/14/2009	Land Use	Access trail to river on each side and old ATV crossing	Landowner education.		8		no		mid 3A-B
4	154764	4291	34880	Middle River	05-01-03-00-00-00	BSD	Middle 4	10/14/2009	Land Use	Trees cleared for pully/zipline to monitor water quantity by WSC.	None.		9		no		Mid-4A, 4B,0001 3,00014, 00015
3	154765	4292	34880	Middle River	05-01-03-00-00-00	BSD	Middle 5	10/20/2009	Land Use	Cluster of cottages, lawns cut to river bank and eroding	Landowner education & potentially mitigate erosion at site by planting trees, not cutting grass,		8		no		Middle 5-16-19
5	154766		34880	Middle River	05-01-03-00-00-00	BSD	Middle 6	10/20/2009	Land Use	"Lean To" built on waterfront, walking trail along river bank.	Landowner education.		5		no		20-26

6	154767	4295	34880	Middle River	05-01-03-00-00-00	BSD	Middle 7	10/20/2009	Land Use	Trees cleared to bank. Tall grasses left at bank, but may be cut during spring/summer (increasing erosion).	Landowner education.		9		no		27-29
7	154768	4296	34880	Middle River	05-01-03-00-00-00	BSD	Middle 8	10/20/2009	Land Use	Water diverted below house? Steep access trail to house on bank increasing	Landowner education. Potentially re-route access		8		no		30-31
8	154769	4297	34880	Middle River	05-01-03-00-00-00	BSD	Middle 9	10/20/2009	Land Use	Rip-rap along bridge and in front of cottages/homes. Cherry Brook also empties into Middle	Landowner education. Monitoring.		7		no		N/A
9	154770	4298	34880	Middle River	05-01-03-00-00-00	BSD	Middle 10	10/20/2009	Land Use	Cut grass to water's edge on one property increasing flooding and erosion/turbidity.	Landowner education		9		no		46-49
10	154771	4299	34880	Middle River	05-01-03-00-00-00	BSD	Middle 11	10/20/2009	Land Use	Camp under construction is within 30m buffer zone.	Refer to DOE		9		no		50-52
11	154772	4300	34880	Middle River	05-01-03-00-00-00	BSD	Middle 12	10/21/2009	Land Use	Lawns cut right to water's edge. Suspension bridge non-permitted?	Refer to DOE (bridge). Landowner education.		8		no		53-71
12	154773	4301	34880	Middle River	05-01-03-00-00-00	BSD	Middle 13	10/21/2009	Land Use	Unofficial campsite & associated litter introduced to river system.	Sign to discourage littering.		9		no		74
13	154774	4302	34880	Middle River	05-01-03-00-00-00	BSD	Middle 14	10/21/2009	Land Use	Lawn cut to bank (increasing erosion) Hand-dug ditch to	Lawn - landowner education		9		no		79-83

14	154775	4303	34880	Middle River	05-01-03-00-00-00	BSD	Middle 15	10/21/2009	Riparian Quality & Process	Invasive plant species monoculture - Japanese Knotweed (Fallopia japonica) along left bank of stream. Potential impact - spreading throughout downstream habitat.	Removal of plant.		1		no		85-98
15	154776	4304	34880	Middle River	05-01-03-00-00-00	BSD	Middle 16	10/21/2010	Land Use	Poor campsite construction (litter introduced to river system) ATV Access (increased use in river (disturbing stream bottom & banks))	Landowner education		8		no		99-101
16	154777	4305	34880	Middle River	05-01-03-00-00-00	BSD	Middle 17	10/26/2009	Land Use	Lawns cut to bank (increased erosion)	Landowner education		9		no		103-107
17	154778	4306	34880	Middle River	05-01-03-00-00-00	BSD	Middle 18	10/26/2009	Land Use	Lawn cut to bank, trees removed within buffer zone, leading to increased	Landowner education		5		no		108-113
18	154779	4307	34880	Middle River	05-01-03-00-00-00	BSD	Middle 19	10/26/2009	Land Use	Retaining walls installed to protect property likely increase flow rate and downstream erosion.	Monitor during high water		6		no		N/A
19	154780	4308	34880	Middle River	05-01-03-00-00-00	BSD	Middle 20	10/26/2009	Land Use	Lawns cut to bank leading to increased turbidity	Re-vegetation, landowner education.		1		no		24-30

20	154781	4309	34880	Middle River	05-01-03-00-00-00	BSD	Middle 21	10/26/2009	Land Use	Lawn cut to bank - increased erosion & downstream turbidity	Landowner education		1		no		131-132
21	154782	4310	34880	Middle River	05-01-03-00-00-00	BSD	Middle 22 A	10/26/2009	Riparian Quality & Process	Six Miles Brook drains into Middle River on this section. The property downstream from the drainage has moderate to bad erosion leading to turbidity and sedimentation downstream.	Re-vegetate property within 30m buffer zone		6		no		133-153
22	154782	4310	34880	Middle River	05-01-03-00-00-00	BSD	Middle 22 B	10/26/2009	Land Use	Lawns to edge of riverbank increasing erosion	Landowner education		6		no		133-153
23	154783	4311	34880	Middle River	05-01-03-00-00-00	BSD	Middle 23	11/4/2009	Land Use	Channelization from Gabion cages increasing velocity & erosion Lawns cut to bank and trees removed from within buffer	Gabion - refer to DOE (may not be permitted) Landowner education		6		no		mid 23 A-F 154-159
24	154784	4312	34880	Middle River	05-01-03-00-00-00	BSD	Middle 24	11/4/2009	Land Use	Winter snowmobile trail - some scouring where trees/shrubs are removed and soil is compacted for trail. Does not appear to be a major problem.	Determine usage of trail.		10		no		160-161

25	154785	4313	34880	Middle River	05-01-03-00-00-00	BSD	Middle 25 A	11/4/2009	Land Use	Lawn cut to river bank (upstream home) - increased flood and erosion risk.	Landowner education		9		no		162-169
26	154785	4313	34880	Middle River	05-01-03-00-00-00	BSD	Middle 25 B	11/4/2009	Riparian Quality & Process	Private property on left bank - one home is infilling bank with trash, appliances, and organic waste (leaves, branches, etc.) - trash can contaminate water source. Cutting of lawn and trees on this property is also increasing bank erosion (home seem	Refer to DOE and landowner education.		5		no		162-169
27	154786	4314	34880	Middle River	05-01-03-00-00-00	BSD	Middle 26	11/4/2009	Land Use	Cluster of cottages, lawns cut to river bank and eroding	Landowner education, re-vegetation program		1		no		170-176
28	154787	4315	34880	Middle River	05-01-03-00-00-00	BSD	Middle 28	11/6/2009	Land Use	Two-meter wide access trail to river does not appear to be causing increased rate of erosion.	Monitoring.		10		no		187-188
29	154787		34880	Middle River	05-01-03-00-00-00	BSD	Middle 29A	11/6/2009	Land Use	House on river with driveway running perpendicular to river, culvert withing 30 meters of river	Landowner education		8		no		Middle 29A, B, 189-194
30	154787		34880	Middle River	05-01-03-00-00-00	BSD	Middle 29B	11/6/2009	Land Use	Erosion	Landowner education		5		no		450-457

31	154788	4316	34880	Middle River	05-01-03-00-00-00	BSD	Middle 30	11/6/2009	Land Use	Historic - overgrown logging road (cat tracks still visible).	None.		10		no		195-196
32	154789	4317	34880	Middle River	05-01-03-00-00-00	BSD	Middle 32	11/6/2009	Land Use	Left bank not stable - grasses and shrubs are cut	Landowner education & revegetation.		5		no		mid 32 A-B 201-216
33	154790	4318	34880	Middle River	05-01-03-00-00-00	BSD	Middle 33	11/6/2009	Land Use	Tree removal within riparian zone - increased erosion on steep bank (downstream sedimentation & turbidity)	Revegetation, landowner education.		9		no		mid 33 A-B 217-221
34	154791	4319	34880	Middle River	05-01-03-00-00-00	BSD	Middle 34	11/6/2009	Water Quality	Creosote from railway ties leeching into water impacting water quality.	Monitor.		9		no		222-227
35	154792	4320	34880	Middle River	05-01-03-00-00-00	BSD	Middle 35	11/26/2009	Land Use	Potential runoff of road materials during heavy rainfall events. Increased erosion/turbidity/sedimentation.	Monitor culverts and runoff of gravel substrates from road into river		7		no		410-412
36	154793	4321	34880	Middle River	05-01-03-00-00-00	BSD	Middle 38	11/26/2009	Land Use	Lawn cut to bank and tree removal on a 20% slope causing erosion (increased downstream turbidity & sedimentation)	Landowner education		8		no		450-452
37	154794	4322	34880	Middle River	05-01-03-00-00-00	BSD	Middle 37	11/26/2009	Land Use	Trees cut within 30m buffer zone (freshly cut) -	Monitor & determine crown lease		8		no		448-449

38	154795	4323	34880	Middle River	05-01-03-00-00-00	BSD	Middle 36	11/26/2009	Land Use	Two ATV x-crossings at camp causing scouring and erosion on both left and right bank.	Landowner education (determine crown lease holder)		7		no		429-437
39	154796	4324	34880	Middle River	05-01-03-00-00-00	BSD	27A	11/6/2009	Land Use	Lawns cut to bank	Landowner education		9		no		183-186
40	154796	4324	34880	Middle River	05-01-03-00-00-00	BSD	Middle 27 B	11/6/2009	Land Use	Hobby farm with manure pile within 100m of riverbank (potential risk for water contamination)	Refer to DOE		1		no		183-186
41	154797	4325	34880	Middle River	05-01-03-00-00-00	BSD	Middle 31	11/6/2009	Land Use	Litter and waste piles near banks may introduce deleterious substances to the river system. Man-made dam is blocking flow and is increasing erosion along bank (undercutting the banks).	Landowner education. Refer to DOE.		4		no		197-198
42	154798	4326	35112	Carters Brook	05-01-03-01-00-00	BSD	Cherry 1	10/20/2009	Land Use	Some erosion on downstream right bank	Monitor		7		no		42-45
43	154799	4327	35112	Carters Brook	05-01-03-01-00-00	BSD	Cherry 2	11/9/2009	Land Use	Man-made weir is causing erosion and bank under-cutting. Trees cleared within the buffer zone.	Landowner education, remove weir.		6		no		231-235

44	154800	4328	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 1	11/9/2009	Land Use	Three homes all have lawn cut to bank (increased erosion and undercutting).	Landowner education		9		no		241-258
45	154800	4328	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 1	11/9/2009	Land Use	One bridge is falling apart and not traversable. Debris and abutments falling into brook.	Refer to DOE (bridge construction issues)		4		no		241-258
46	154801	4329	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 2	11/9/2009	Land Use	Erosion/sedimentation/turbidity increased by access to cottage/home across brook. Lawns cut to bank and	Landowner education & Refer DOE re: illegal x-crossings		6		no		259-269
47	154802	4330	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 3	11/9/2009	Land Use	Dumping of organic waste into brook (leaves, branches and tree stumps).	Landowner education		9		no		270-293429-
48	154802	4330	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 3	11/9/2009	Land Use	Two downstream homes have erosion problems caused by lawns cut to bank and tree removal (causing downstream turbidity/sedimentation).	Landowner education & re-vegetation		8		no		270-293
49	154802	4330	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 3	11/9/2009	Land Use	ATV X-crossings (scouring and streambed compaction)	Landowner education		8		no		270-293

50	154803	4331	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 4	11/9/2009	Land Use	Man-made dams may hinder fish passage when water levels are low.	Landowner education & refer to DOE/DFO		7		no		294-311
51	154804	4332	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 5A	11/9/2009	Instream Habitat	Trees felled directly into brook (blocking fish passage in one case, may provide cover in another)	Referred to DOE		1		no		312-313
52	154804	4332	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 5B	11/9/2009	Land Use	Trees cut and cleared and road built right up to brook's right bank. Very fresh activity. Flooding will be worse in spring and	Referred to DOE.		1		no		312-313
53			35078	Six Mile Brook	05-01-03-03-00-00	BSD	Six Mile 6	13/11/2009	Land Use	4 meter trail that leads to Beaver Dam on brook, old ATV trail	Landowner education		8		no		314
54	154806	4334	35078	Six Mile Brook	05-01-03-03-00-00	BSD	Six Mile 7A	11/13/2009	Land Use	Lawn cut to bank (increasing erosion, downstream turbidity & sedimentation)	Landowner education		9		no		317-320
55	154806	4334	35078	Six Mile Brook	05-01-03-03-00-00	BSD	Six Mile 7B	11/13/2009	Land Use	ATV x-Crossings & private woodlot forestry, removal of trees within 30m buffer (erosion, sedimentation, and turbidity)	Landowner education		8		no		317-320
56	154807	4335	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 8A	11/13/2009	Land Use	Bridge abutments falling down - debris altering stream channel.	Refer to DOE and landowner education		6		no		Six Mile 8A 321

57	154807	4335	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 8B	11/13/2009	Land Use	ATV and access trails causing scouring erosion at points of crossing.	Landowner education & monitoring		8		no		322-336 Six Mile 8B 337
58	154808	4336	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 9	11/13/2009	Land Use	Creosote rail-ties in brook and bridge in brook. May contaminate water source.	Landowner education and assist with clean-up/bridge		5		no		338-339
59	154809	4337	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 10	11/13/2009	Land Use	ATV x-Crossings	Monitor		9		no		340-347
60	154810	4338	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 11	11/13/2009	Land Use	Clearing of buffer, old litter	Clean up litter, vegetate		10		no		348-351
61	154811	4339	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 12	11/13/2009	Land Use	Illegal dumping - looks like old garbage, but tires, etc. pose a risk to water quality.	Clean-up & post sign re: fines for littering.		6		no		Six Mile 12 A 354
62	154811	4339	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 12	11/13/2009	Land Use	Road close to steep riverbank will eventually erode or wash away during high rainfall event (increasing sedimentation and downstream turbidity.	Stabilize bank & monitor for erosion.		6		no		Six Mile 12 B 352-360
63	154812	4340	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 13	11/20/2009	Land Use	Truck crossing - compacting streambed and increasing turbidity	Landowner education, refer to DOE re: building		7		no		six Mile 13 A 361-363
64	154812	4340	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 13	11/20/2009	Land Use	Litter - potential impacts on water quality	Clean-up, post signs, monitor.		6		no		six Mile 13 B365

65	154813	4341	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 14	11/20/2009	Land Use	Litter pile - rusty metal, tires, glass may contaminate water quality downstream	Clean-up & monitor		9		no		Six Mile 14A 367-372 Six Mile 14B 373
66	154814	4342	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 15	11/20/2009	Land Use	cottage with very tall bridge over river. Driveway to bridge has been constructed with fill.			9		no		375-380
67	154815	4343	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 16	11/20/2009	Land Use	Clearing of trees on left bank, fire pit and trail right on river bank.			10		no		381-384
68	154816	4344	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMiles17	11/20/2009	Riparian Quality & Process	Flooded & washed out road & road banks (due to beaver dam) introducing road substrate (fines & sands) to brook.	Refer to DOE		5		no		385-390
69	154817	4345	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMile 18	11/20/2009	Land Use	Bridge and trail do not look frequently used - limited impacts	Monitor in future		9		no		391-392
70	154818	4346	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMiles19	11/20/2009	Land Use	Gravel and fines likely erode into stream during high water events.	Monitor and revegetate as required		7		no		393-394
71	154819	4347	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMiles20	11/20/2009	Land Use	Bridge is falling apart - rip-rap and bridge materials falling into brook	Landowner education (fix bridge) and monitoring		5		no		395

72	154820	4348	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMiles21	11/20/2009	Land Use	A tributary that passes under Rio Grande Rd. has extreme amounts of sediment and silts/fines flowing into the Brook. There is a broken concrete culvert so the water is flowing over the top of the road and picking up all of the road material.	Repair culvert and forest road. Refer to DOE & City.		1		no		396-399
73	154821	4349	35078	Six Mile Brook	05-01-03-03-00-00	BSD	SixMiles22	11/23/2009	Land Use	Streambed compaction from ATV x-Crossings. Scouring on both sides of trail. Increase in sediments turbidity downstream from ATV x-Crossings.	Get in touch with ATV association in charge of trail to determine feasibility of bridge construction.		6		no		402-408
74	154822	4350	34880	Middle River	05-01-03-00-00-00	BSD	Middle 39	9/24/2010	Physical Stream Character	New Beaver Dam downstream from Arseneau Rd.	Immediate action should be taken to restore stream flow.		4		no		Middle 39 A-C
75	154823	4351	34989	N Br Middle River	05-01-03-03-00-00	BSD	NB Middle 1	9/24/2010	Land Use	Older wooden culvert washed out. May cause water obstruction.	Road should be fixed or decommissioned.		4		yes		NB Middle 1A-B
76	154824	4352	34989	N Br Middle River	05-01-03-03-00-00	BSD	NB Middle 2	9/27/2010	Land Use	ATV crossing, three other crossings close by.	Post signs about No ATV crossing rivers.		1		no		NB Middle 2A-2C

77	154824	4352	34989	N Br Middle River	05-01-03-03-00-00	BSD	NB Middle 2	9/27/2010	Land Use	ATV crossing in the river.	Banks need to be stabilized with gravel and rip wrap. A bridge would be the best way to cross the river. Refer to DOE standards for bridge		8		no		NB Middle 2A-2C
78	154825	4353	35046	Johnson Brook	05-01-03-03-00-00	BSD	Johnso n 1	10/7/2010	Land Use	Narrow forestry road and rock dam, second rock dam and bridge downstream.	Revisit to ensure road and rock dams do not block stream flow.		7		no		Johnson 1A-1C
79	154826	4354	34943	Middle River South Branch	05-01-03-03-00-00	BSD	34943 South Branck, Middle	10/8/2010	Land Use	Bridge structure is in bad condition but the top of the bridge has been fixed recently.	Some work should be done to prevent erosion. rip wrap may be installed on each side of bridge or other methods like the use of		7		no		SBT Middle 1A-1D
80	154828	4356	35006	Middle River	05-01-03-03-00-00	BSD	35006 Middle T	9/27/2010	Land Use	Lots of wooden debris including wooden pallets into the river.	These debris may cause an obstruction to water flow. wooden pallets should be removed.		4		no		Beaver 1A-D

81	154829	4357	35011	Middle River	05-01-03-03-00-00	BSD	35011 Middle	9/27/2010	Land Use	Culvert is not working properly because it is obstructed by a beaver dam. ATV trail runs close to the beaver dam downstream. wood from the beaver	This beaver dam is probably better left alone. revisit the site in a few years to see if their are any major		3		no		Beaver 2A-G
82	154830	4358	34990	Middle River	05-01-03-03-00-00	BSD	34990 Middle	10/15/2010	Land Use	Forestry road that covers the brook with a metal culvert, rip rap around culvert, NEW installation.	Refer to DNR and DOE		9		no		34990 A-B
83	154831	4359	34957	Middle River	05-01-03-03-00-00	BSD	34957 Middle	10/15/2010	Land Use	Old wooden culvert ready to collapse. Lots of erosion occurring on top of road because of culvert being very old.	culvert should be fixed or road should be decommissioned.		4		no		34957 A-D
84	154832	4360	34964	Middle River	05-01-03-03-00-00	BSD	34964 Middle	10/15/2010	Land Use	Old bridge collapsed and obstructing water flow	Bridge should be removes as well as inactive braver dam upstream		3		no		34964 A-D
85	154833	4361	34973	Middle River	05-01-03-03-00-00	BSD	34973 Middle	10/15/2010	Land Use	Old wooden culvert ready to collapse into river, close by is a collapsed road on top of another culvert. Causing obstruction and possible erosion.	Culverts and road debris should be removed and banks stabilized.		4		no		34973 A-B

86	154834	4362	35092	Cheery Brook	05-01-03-03-00-00	BSD	Cherry 3	10/20/2010	Land Use	Several beaver dams flooded a very large area and have altered the course of the brook, culverts for old forestry road completely blocked, river channel changed causing obstruction to fish passage is occurring, 13 other sites in the same area recorded all requiring immediate action. .	Beaver dams should be removed, culverts and debris cleaned, river flow restored.		1		yes		Cherry 3A-3M
87	154835	4363	35092	Cheery Brook	05-01-03-03-00-00	BSD	Cherry 6	10/29/2010	Water Quality	New Beaver dam, water quality may be impacted, large area flooded, trees will die causing debris, four other sites in same area flooded and full of debris	Removal of beaver dams		4		no		Cherry 6A-F

88	154836	4364	35094	Cheery Brook	05-01-03-03-00-00	BSD	35094 A Cherry Brook tributary	10/20/2010	Land Use	Forestry rd is flooded by rise in water levels caused by beaver dam. Temporary bridge built on top of collapsed bridge debris. Collapsed bridge creates obstruction and sediments. Lots of trucks and ATV's crossing and causing sediment and run off into stream, suspended silt in water present. Large hole in road in front of old bridge in area is washing silt into stream.	Water quality is being impacted, old bridge debris and beaver dam should be removed.		2		yes		35094 A-F
89	154837	4365	35092	Cheery Brook	05-01-03-03-00-00	BSD	Cherry7	11/4/2010	Riparian Quality & Process	Large metal culvert on Rosehill Rd, tree cutting on left bank, fallen trees in river, hole in road causing water runoff to erode banks around culvert and deposit sediment into stream.	Road should be repaired and culvert replaced, notice to landowner about no cutting in riparian zone and debris in stream.		7		no		Cherry 7A-D

90	154838	4366	35096	Cheery Brook	05-01-03-03-00-00	BSD	35096 A Cherry Brook Tributa	10/20/2010	Land Use	Steel bridge built over old bridge. Old bridge collapsed causing lots of sedimentation.	Removal of old bridge debris and stabilization of stream banks.		4		yes		35096 A-F
91	154839	4367	35092	Cheery Brook	05-01-03-03-00-00	BSD	Cherry8	11/4/2010	Riparian Quality & Process	Old metal culvert causing erosion and sedimentation.	Replace metal culvert.		7		no		Cherry 8A-D
92	154840	4368	35092	Cheery Brook	05-01-03-03-00-00	BSD	Cherry 4	10/29/2010	Riparian Quality & Process	ATV crossing into brook, channel widths enlarged and eroding.	Signs about No Crossing and restoration of banks.		5		no		Cherry 4 A-B
93	154841	4369	35092	Cheery Brook	05-01-03-03-00-00	BSD	Cherry 5	10/29/2010	Riparian Quality & Process	Bridge on ATV trail, beaver dam causing water levels to reach bridge level.	Modification of bridge and removal of old beaver dam.		7		no		Cherry 5A-C
94	154842	4370	35078	Six Mile Brook	05-01-03-03-00-00	BSD	Six23	11/4/2010	Riparian Quality & Process	Horses are crossing into the river disturbing the river bed causing erosion.	Banks should be stabilized using large gravel and geotextile approaching the water. The river bed should also be clean of any		5		no		Six 23A-C
95	154843	4371	35078	Six Mile Brook	05-01-03-03-00-00	BSD	35078 Sux Mile Brook	11/4/2010	Riparian Quality & Process	Private forestry rd that crosses river with a wooden bridge, tractor/trailer/horse crossing the river beside bridge, major	Landowner should be notified to not cross the river with tractor.		7		no		Six 24A-E

96	154844			South Branch Tributary		BSD	34956	10/8/2010	Riparian Quality & Process	Forestry Road, drainage of part of the tributary by forestry practices, metal culvert with rip rap installed	Landowner education		5		no		34956A-B

Priority Codes Assigned

<u>Priority Number Code</u>	<u>Color Code</u>	<u>Signification</u>	<u>Action timeline</u>
9 and 10	Blue	Very minimal impact.	None at this time.
7 and 8	Green	Some evidence of erosion, but the impact is probably negligible even on long term.	Reassess in a future year
5 and 6	Yellow	Evidence of erosion or alteration where there is most likely some impact on the watercourse in a cumulative matter and in the long term.	The site needs to be monitored in the near future. Actions to remediate the situation
1 to 4	Red	The buffer zone is altered and impact on the watercourse is evident.	Immediate remediation action is recommended.

* For 'yellow' sites, the Canadian Rivers Institute recommends actions to remediate the situation, but action is not considered urgent. For 'red' sites, immediate remediation action is recommended.

To complete these stream assessments, we used standardized Stream Assessment (ESA) forms to collect data on impacts within 30 meters of the watercourse. The forms used are the recognized Environmental Stream Assessment Forms from the Canadian Rivers Institute. Each potential impact was then rated using a color-coded system developed by the Canadian Rivers Institute which is also used by the Province of NB Department of Environment and the NB Aquatic Data Warehouse for river and stream assessments.

Site Assessment Data Collected

At each site we recorded the following environmental variables:

- 1) stream width and average depth,
- 2) stream temperature,
- 3) dissolved oxygen,
- 4) water conductivity,
- 5) estimated vegetation types (forest, meadow, wetland, etc.),
- 6) estimated the percentage of the riparian zone that was altered by human impact,
- 7) we recorded any water crossings,
- 8) listed point and non-point sources of pollution,
- 9) listed any natural (beaver dams) and human created watercourse alterations,
- 10) identified the composition of the streambed,
- 11) the color of the water were also recorded, and,
- 12) Key to assessing the effects of erosion, we also estimated the percentage of stable versus eroding streambank at each site.