



**Red Hill Creek
Watershed Action Plan**



Compendium of Actions

#1 - October 1998

Introduction

This “Compendium” of actions summarizes over 100 projects or activities suggested by participants in the Red Hill Creek Watershed Planning Process. Its purpose is to provide a quick reference guide to implementation activities and the roles being played by various stakeholders in the Watershed. The Compendium has not been incorporated into the Watershed Plan because it will be continually changing as new projects are added and completed actions are deleted from the listing.

Each action is described in brief but all require further planning, refinement and approvals. In most cases a Lead party has been identified and will undertake the responsibilities listed below. I have renumbered all the actions, numbering the 20(1-41) series sequentially and deleting the ones that were orphans. They will be listed together at the end of the Compendium.

The information in the Compendium is grouped under the following headings:

Project # and Theme

The Project # pertains to this Compendium only and does not relate to tables or maps in the Watershed Plan. The symbol identifies one or more theme areas impacted by the project. The themes are:

- T** Trails, Open Space, Recreation and Cultural Heritage
- H** Habitat Protection and Restoration
- W** Water
- S** Social Development and Health
- E** Economic Development and Land Use
- C** Community Action, Education and Awareness

Action

Describes the general nature of the project. All actions will require detailed planning and may require specific permits or approvals.

Type

Places the project into one of the following categories:

- A - Action,
- B - Education or Awareness,
- K - New Knowledge, Policy, Guidelines
- or a combination of these categories.

Lead

The organizations or agencies listed here will play a Lead role for the Project. The responsibilities of the Leads include:

- Initiating the planning or design process for the project
- Facilitating the involvement of project partners
- Acting as the contact or spokesperson for the project
- Co-ordinating any necessary approvals or funding processes
- This does not imply that the Lead parties are the funders for the project

Partners

The organizations or agencies that have an interest in the project and must be involved if implementation is to be successful. The responsibilities of Partners include:

- Participating in the detailed planning, design and implementation of the project
- Contributing to the project to the extent of their capabilities. Contributions may take the form of information, advice, volunteer workers, and support for Lead functions, financial resources or services in kind.
- Facilitating the involvement of others with an interest in the action project, including the public at large.

Funding

This column provides any available information about the availability or status of funding for the project. It may also identify projects or programs through which the action will be implemented.

Timeframe

Where available, information about the timeframe within which the action will be implemented is provided.

Notes

This heading summarizes any other pertinent information about the action

For additional information about the Red Hill Creek Watershed Plan please contact: Region of Hamilton-Wentworth Special Projects Office at (905) 546-4277.

Project # and Theme	Action	Type	Lead	Partners	Funding	Timeframe	Notes
1 W H	Species Introduction on Upper Watershed (fish) - In recent years five species of fish have disappeared from the watershed above Albion Falls. By re-introducing some of these species and monitoring their progress the lost populations may be re-established or the causes of the disappearance better understood	A, E, K		HRCA	RSPO	2-4 YRS	Linked to Expressway project
2 E H W	Riparian Buffer By-Law & Program - A legislation and public information initiative to protect or introduce vegetated buffers along the Creek and its tributaries.	E, K	HRCA, SC	HHWSP, HHHBA			Fill, Construction Regs in Place
3 H W	Restore Natural Channels - Modify concrete and gabion channels to reduce velocity by using naturalized approaches (including bio-engineering) as opportunities arise through adjacent projects.	A	HRCA, RSPO, SC	HPW, HCR, HHHBA	RSPO	2-4 YRS	1. HRCA plan review function. 2. Some work linked to RHCE
4 W	Enhancing Infiltration: <u>In developed areas</u> - Develop and implement strategies for increasing infiltration in developed areas in the watershed according to priorities established in the Watershed Plan. Begin with a pilot project (e.g. rain barrel program, disconnection of roof leaders, school yard naturalization with wetlands). <u>In New Developments</u> - Implement alternative development standards in new development to promote infiltration based on priority subwatersheds. Increase infiltration of impervious surfaces (new and retrofit as opportunities arise) through various techniques (e.g. pervious asphalt, turf stone) where cost effective and feasible.	A, E, K	HRCA, SC GLAN	HPW, HHWSP, GV, HHHBA			HRCA plan review function
5 W	Downspout Disconnection Program - Encourage property owners to direct roof leaders onto their property rather than into the storm sewer.	A, E, K	HPW	HRCA, HHWSP, HHHBA, RED GV			Underway in Stoney Creek
6 W	Yellow Fish Drain Marking Program - Promote community involvement in storm drain marking program to discourage dumping of chemicals into sewers. Currently administered by BARC. Requires modest additional funding (\$1,000) and has one established sponsor for materials.	A, E		HPW, HRCA, HHWSP, HHHBA, SC			
7 H W C	Private Land Stewardship Program - Extend existing Harbour stewardship program into the Watershed, adapting the current program to urban setting.	A, E	HHWSP, HRCA	HRCA, RED GV			
8 W	Dye Tests for Remaining Septic Systems - Conduct dye tests in existing septic systems to detect malfunctioning systems.	A	RPH				
9 W	Assess Greenhill Sewer Outfall - Assess discharge at Greenhill Sewer Outfall to determine the extent of problems associated with illegal discharges or hook ups. Retrofit existing facilities if necessary.	A, K	RED				
10 W	Water Quality Monitoring Program - Monitor levels of phosphate, ammonia, and faecal coliforms during low flow. Assess possibilities for reducing levels.	E, K	HRCA	RSPO, RED	RSPO (partial)	ongoing @ Dartnall	Initiated, expanded through X-Way project

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11 C W S	Water Quality Warning Signs - Signs should be placed at key access points and "hot spots" advising of hazards to health posed by water quality.	E		HRCA			
12 C W	Brochures About Water Quality - Communication brochure to inform public about state of water quality in creek and tributaries. Should inform about actions individuals can take to improve water quality.	E		HHWSP			
13 H	Watershed Reforestation Program - Enhance existing tree planting on private and public lands. This will have benefits for water quality, storm drainage, air quality, and habitat. Use of native species is encouraged. (See also Habitat Restoration Projects)	A, E, K	HRCA	HHWSP, RSPO, RED, HHHBA, MTO, SC	RSPO (partial)	2-5 YRS	Implemented through various programs or projects
14 W	Sub-Watershed Storage Facilities - Design and construct sub-watershed stormwater storage facilities to control peak discharges and increase wetland habitat. Locations and details to be determined on a sub-watershed basis.	A	SC GLAN	RSPO, HPW, HRCA, RED, HHHBA MTO		2-4 YRS	Implemented through various projects/developments
15 W H	Natural Channel Stream Design in Red Hill Creek - Apply natural channel stream design to lower section of Red Hill Creek to accommodate increased flows and promote stability.	A, K	HPW, HRCA, RSPO	HCR	RHCE	2-4 YRS	
16 W C	Signs to Show Watershed Boundaries - Erect signage at key points depicting the watershed and advising the public that they are within its boundaries.	E	HRCA	HPW, RED WN			Through Watershed Network
17 H C	Natural Habitat Promotion - Hold local events in conjunction with National events such as Wildlife and Environment Weeks or Earth Day.	E	HRCA	HHWSP			
18 C	Develop Promotional Material - Develop Watershed promotional materials through joint initiatives with organizations and groups across the Region. Avoid duplication of materials. Consult Waterfront Trust database of educational brochures.	E	HRCA	HHWSP			Implemented through BARC
19 H	Natural Habitat Land Bank - Based on restoration priorities map target areas where land banking should occur to extend natural habitat. Establish pilot acquisition project ASAP.	A, K	HRCA	HPW, HHWSP, RED, HHHBA			HRCA program in place
20 H	Habitat Restoration Projects - Identify priority locations for habitat protection and restoration. Investigate why habitat is threatened and what can be done.	A, E, K	HRCA	HHWSP, RSPO, HHHBA			- some activities linked to RHCE
21 H	Lake Ontario Shoreline Restoration & Enhancement (Lower Valley & Lakeshore) - Enhance linkage between Hamilton Beach Strip and mouth of Stoney Creek. Vegetation Management including removal of exotic trees and shrubs. Restoration plantings of shoreline species.	A	HRCA	MTO, RSPO			- some activities linked to RHCE
22 H	Van Wagner's Pond's & Marshes Enhancement - Restore link to Lakeshore and Red Hill Creek. Management of water quality, water quantity and vegetation to restore habitat conditions for birds and herpitiles.	A	HRCA	HHFW, RSPO MTO			- initiated - some work linked

Project # and Theme	Action	Type	Lead	Partners	Funding	Timeframe	Notes
23 H	Red Hill Marsh Enhancement - Restore link to Van Wagner's Ponds and Marshes. Management of water quality, water quantity and vegetation to restore habitat conditions for birds, herptiles and fish.	A	HRCA	HHFW, RSPO MTO			- linked to Expressway project
24 H	Red Hill Creek Channel Through Red Hill Marsh Restoration - Restore link to Van Wagner's pond's and marshes. Management of water quality, water quantity and vegetation to restore habitat conditions for birds, herptiles and fish.	A	HPW, HRCA	HHFW, RSPO MTO			- linked to Expressway project
25 H	Woodward Avenue Treatment Facility Naturalization & Reforestation (Lower Valley & Lakeshore) - Control of exotic species on and naturalization of grounds.	A	RED				
26 H	Brampton Street Landfill Restoration & Naturalization - Vegetation management to restore quality savanna species. Control of exotic species. Connect savanna remnant fragments.	A	RED	HRCA, HPW			Linked to landfill remediation
27 H	Brampton Street & Nash Road Restoration & Enhancement - Restore linkage to Red Hill Valley and Marsh. Control of exotic species.	A		HRCA			
28 H T	Globe Park Reforestation & Naturalization - Control of exotic species. Control of pedestrian encroachment into natural areas.	A		HPW			
29 H T	Confederation Park Reforestation & Naturalization - Control of exotic species. Control of pedestrian encroachment into natural areas.	A	HRCA	HPW			-in progress
30 H T	Confederation Park Canals & Ponds Naturalization & Reforestation - Control of exotic species. Control of pedestrian encroachment into natural areas.	A	HPW, HRCA				-in progress
31 H	Hydro Corridor Adjacent to Mt. Albion Road Restoration - Restore seepage conditions and marsh habitat. Restore linkages between wetland and valley.	A		RSPO, RED HPW			
32 H T	King's Forest Golf Course Naturalization & Reforestation - Restore linkages between creek and Escarpment. Control of exotic species. Control of pedestrian encroachment into natural areas.	A	HCR	HRCA, HHWSP, NEC, CSH			
33 H T	King's Forest Golf Course Naturalization & Restoration of Riparian Habitats (King's Forest - Mt.Albion - Escarpment Area) - Restore and enhance creek valley linkage corridor. Control of exotic species. Control of pedestrian encroachment into natural areas.	A	HCR	HRCA, HHWSP, NEC, RED, CSH, RSPO			
34 H	King's Forest Golf Course Restoration of Seepage Conditions (King's Forest - Mt.Albion - Escarpment Area) - Protect seepage areas / Control of exotics. Restore and enhance escarpment linkage.	A	HCR	HRCA, HHWSP, NEC, CSH, HPW			
35 H T	Matt Broman Park (Ski Hill) Restoration - Enhance East-West Escarpment link. Control of exotic species. Control of pedestrian encroachment into natural areas.	A	HPW	CSH			

Project # and Theme	Action	Type	Lead	Partners	Funding	Timeframe	Notes
36 (H) (T)	Glendale Golf Course (Montgomery Creek) Enhancement, Naturalization & Restoration - Enhance Montgomery Creek linkage corridor by naturalizing channel and restoring riparian communities. Control of exotic species. Control of pedestrian encroachment into natural areas. Erosion control.	A	HPW, RED	HRCA, NEC, GGCC, SC	-various partners		-in planning stages
37 (H) (T)	Buttermilk Creek (Adjacent to Mountain Brow Road) Restoration & Naturalization - Enhance and buffer East-West Escarpment link. Manage savanna species. Control of exotic species. Control of pedestrian encroachment into natural areas.	A	HPW	NEC			
38 (H) (T)	King's Forest to Dartnall Road Interchange Naturalization - Control of exotic species. Control of pedestrian encroachment into natural areas. Enhance linkage corridor by permitting naturalization of parklands.	A	HPW	RSPO		1-3 YRS	Linked to expressway project
39 (H)	Mohawk Sports Park Naturalization & Reforestation - Enhance linkage through rail trail; restoration of Cliff Communities. Control of exotic species.	A	HPW	NEC			
40 (H)	Rymal Spur Rail Trail to Caledonia Naturalization - Enhance linkage through rail trail. Control of exotic species.	A	HRCA				
41 (H)	Mt. Albion Conservation Area Naturalization & Riparian Enhancement - Enhance linkage corridor of Hannon Creek. Improve water quality in Hannon Creek. Control of Norway Maple and other exotic species.	A	HPW, HRCA				
42 (H)	Hydro Corridor Adjacent to Pritchard Road Naturalization & Reforestation - Control of exotic species. Implement a natural heritage strategy for maintaining hydro corridors. Enhance existing linear corridor.	A	HYDRO, HRCA	HPW, RED			
43 (H)	Ottawa Street Landfill Naturalization & Reforestation - Link to Red Hill Creek, Rymal Spur Rail Trail and Ottawa Street Parks and Recreation department depot. Control of exotic species.	A	RED	HPW, HRCA			Linked to landfill remediation
44 (H)	Parks Ottawa Street Depot Naturalization & Reforestation - Link to adjacent creek, woodlot and Ottawa Street Landfill. Control of exotic species.	A	HPW				
45 (H)	Gravel Pits & Quarries Adjacent to Dartnall Road & Rymal Road Rehabilitation - Implementation of a natural heritage strategy for naturalization and rehabilitation. Link naturalized areas to established corridors.	A					
46 (H)	Agricultural Fields Naturalization & Reforestation - Control of exotic species. Link to surface drainage features.	A	HRCA	HHWSP			
47 (H)	Swales Naturalization (King's Forest - Mt. Albion Escarpment Area) - Monitor water quality and erosion. Link to wooded habitats.	A	HCR, HPW, HRCA	HHWSP			
48 (H)	Agricultural Fields Reforestation & Naturalization (Hannon Creek Headwaters) - Link to adjacent natural areas and linkage corridors. Control of exotic species.	A	HRCA	HHWSP HPW			

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49 (H)	Swales Naturalization (Hannon Creek Headwaters) - Link to wooded habitats. Monitor water quality and erosion.	A	HRCA	HHWSP			HRCA plan review function
50 (H)	Rymal Rail Trail Naturalization & Reforestation - Link to wooded natural areas (i.e. Hannon Floodplain Forests; Nebo Road West Floodplain). Control of exotic species.	A	HPW	HRCA			
51 (H)	Hydro & Utility Corridors Naturalization & Reforestation (Hannon Creek Headwaters) - E-W and N-S links. Implement a natural heritage strategy for maintaining hydro corridors.	A		HPW			
52 (H T)	Felker's Falls Vicinity Naturalization & Reforestation (area between Escarpment & residential lot areas) - Enhance Niagara Escarpment linkage corridor through naturalization. Develop and implement an Open Space Management Plan. Implement setbacks and fencing. Restrict access to major trails.	A	HRCA, HHWSP	SC			-plans prepared -consultation underway
53 (H)	Davis Creek Valley Naturalization & Reforestation - Monitoring. Enhance Davis Creek linkage corridor from headwaters to Red Hill Creek. Control of exotic species.	A	HHWSP	HRCA, SC			
54 (H)	Taro Site Naturalization & Reforestation - Link to adjacent natural areas and linkage corridors. Control of exotic species. Monitoring.	A	HRCA, SC				
55 (H T)	Felker's Falls - Highway 20 Escarpment Corridor Naturalization & Reforestation - Enhance Escarpment link at Hwy 20 crossing area. Develop and implement an Open Space Management Plan. Implement setbacks and fencing. Restrict access to major trails.	A	SC	HRCA, HHWSP, IBTC			HRCA plan review function
56 (H T)	King's Forest Golf Course Relocation of Southerly Links & Reforest Openings - Restore forest interior conditions. Control of exotic species. Control of pedestrian encroachment into natural areas.	A		HRCA, HHWSP HCR			
57 (H T)	Mountain Brow Road & Mud Street Naturalization - Enhance linkage corridor by permitting naturalization of parklands; restoration of cliff communities. Control of exotic species. Control of pedestrian encroachment into natural areas.	A	HPW	SC			
58 (H C)	Oxbow Enhancement - Swamp South of TH&B - Enhance habitat for migratory and breeding birds. Cleanup of debris from adjacent residential lots.	A	RSPO				Linked to expressway project
59 (C)	Community Watershed Keepers - Establish program similar to "Neighbourhood Watch" involving public as guardians of the watershed.	A, E	HRCA, HHWSP	RED			Linked to Watershed Stewardship program
60 (C)	Stewardship Awards - Rewards or public recognition of achievements by individuals, organizations or neighbourhoods. Could also incorporate schools.	E	HHWSP, RED, HHHBA GV				
61 (H)	Stewardship on Public Lands -	A, E, K	HPW, HHWSP, RED, SC				
62 (H C)	Species Introduction (Non-Fish) - Introduce flying squirrels or other wildlife into the Valley. Requires partnering with commitment to restoring interior forest habitat.	A, E, K	HRCA, HHWSP				

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63 H E	Natural Habitat in Business Parks	A, E, K	HHWSP	HPD, HRCA, HHHBA			HRCA plan review function
64 H E	Natural Habitat & the Development Control Process- Planners to develop incentives and clear guidelines for protection of natural habitat at beginning of process.	K	HPD, RED	HRCA, HHHBA			HRCA plan review function
65 C	Watershed Council & Coordinator - Establish a Watershed Council made up of community representatives.	A, E, K	HRCA	HAM, HHWSP, HHHBA, SC			Part of overall Implementation framework
66 H	ESA Monitoring Program - Monitor Projects associated with ESAs and report on rate of habitat recovery, possibly in association with Sustainable Community Day.	A, K	HRCA, RED	HHWSP			Regional Natural Areas co-ordinating Comm. in place
67 H E	Habitat Conservation Through Land Use Planning - Develop appropriate habitat management policies or restoration strategies for incorporation into OPs, CA master plans and other land use documents are guidelines. Ensure that all ESAs are identifies in OPs and other planning documents.	K	HRCA, SC GLAN	HPD, HPW, RED, HHHBA			HRCA plan review function
68 T C	Locate Niagara Escarpment Interpretation Facility in Watershed - Implement the conceptual proposal for the major interpretive centre developed through the Red Hill Revitalization Project.	A	HRCA	HPW, BTA, IBTC, SC			Facility concept plans prepared
69 T C	Archeological Artifacts Repository - Find a suitable location for archeological artifacts. Site location could involve adaptive reuse for historic structures such as "Veevers" residence or historic Barton School (1922).	A		HPW, HPD, HCR			
70 C	Lost Streams Map - Map of "lost streams of watershed." Show historical changes and lost landscapes, and how they link to current issues.	E, K	HRCA				
71 T	History of Watershed Project - Collect photographs and peoples experiences in the watershed. Build on work by community heritage organizations, Walter Peace and others.	E, K		HHB			
72 T C	Watershed Interpretation Centre (at Elizabeth Bagshaw School) - Maintain Watershed Interpretation Centre at Elizabeth Bagshaw as a permanent centre.	E	HBE	HPW, HRCA, HHWSP, RED			
73 T C	Scenic Routes in the Watershed - With the opening of the East-West Expressway, consider formal scenic route, for example, plan for Mountain Brow Drive.	E		HPW, HCR			
74 T C	Cultural Heritage Plaque Program -Have a Plaquing Program with points of cultural heritage interest in watershed. Create a connecting trail with a unifying theme.	E	SC	HCR, HPD, HPW			
75 C	Ongoing Communication - Ongoing communication about watershed initiatives, avoid LH and RH problems, and missed opportunities.	E		HRCA, HHHBA			Part of overall implementation framework
76 T	Archeological Master Plan for the Region - Prepare an overall plan for conservation and commemoration of the Regions archaeological resources.	K		HPD, HCR, HHHBA, SC			

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77 T E	Retention of Historical Landscape Features in Subdivisions - Encourage retention or interpretation.	K	SC	HRCA, RED			HRCA plan review function
78 T	Sign at King's Forest Golf Club - Sign on Red Hill Valley Trail informing users that washroom/refreshment facilities are available at King's Forest Golf Club.	E	HPW				
79 T	Public Washroom Facilities Along Trail Network (have brochures / signs to advertise) - Identify existing facilities adjacent to all trails which are open to the public and produce a "pit-stop" map.	E	HPW				-completed
80 T	Pedestrian Crossing of the Q.E.W. Between Hwy. 20 & Red Hill Creek - Optimum method of connection east side of Valley to Lake Ontario Waterfront Trails.	A		HPW, HRCA			
81 T	Pedestrian Link to Beach Boulevard at Woodward Avenue - Establish linkage from west side of Valley to Waterfront.	A		MTO, SPO, HPW, HRCA			
82 T	Pedestrian/Cyclist Stairs at Fennell & Greenhill (Escarpmnt) - Create opportunity to move out of west side of valley and connect to upper Hamilton.	A	HPW	IBTC, SPO(BIKE)			
83 T	Pedestrian/Cyclist Stairs at Felker Falls (Escarpmnt) - Replace old trail route down Escarpmnt face with properly constructed stairs.	A	SC				
84 T	Access to the Valley Trails for Adjacent Community at Greenhill - Maintain access to valley trails at Greenhill Avenue and Albright Road.	A	HPW, SPO		RHCE		subject to Master Plan
85 T	Access to the Valley Trails for Adjacent Community at Melvin/Barton Street - Create and maintain an access point to valley trails at Melvin Avenue or Barton Street.	A	HPW, SPO		RHCE		subject to Master Plan
86 T	New Trail in the Lower Davis Creek Corridor - Create a new trail along Davis Creek, from King Street to the Escarpmnt.	A	HPW				subject to Master Plan
87 T	New Trail in the Lower Montgomery Creek Corridor - Create a new trail along Montgomery Creek from King Street to the Escarpmnt.	A	HPW				subject to Master Plan
88 T	New Trail at Hydro Corridor Between Mohawk & Municipal Boundary - Create a new trail along the hydro corridor, which begins north east of Limeridge Mall (south of Mohawk Rd. E.) and goes south to the municipal boundary (south of Rymal Rd.).	A	HPW				subject to Master Plan
89 T	New Trail at Hydro Corridor Between Glover Road & Upper James - Full corridor goes beyond watershed to the west.	A	HPW				subject to Master Plan
90 T	New Trail at Hydro Corridor Between Glover Road & Barton Street - Create a trail that runs north-south from Glover Road to Barton Street, along the hydro corridor.	A	HPW				subject to Master Plan
91 T	New Trail Between Mt. Albion CA & Stoney Creek - Create a new trail from Mount Albion Conservation Area, that extends east to Upper Mount Albion Road.	A	HPW, HRCA				subject to Master Plan
92 T	New Trail From First Road to Greenhill (Old Glover Mountain Road) - Create an opportunity for people to cross the Escarpmnt between First Road and Greenhill Avenue.	A	HPW				subject to Master Plan

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93 T	Shelters - Renovate Grassie Blacksmith Shop and integrate with interpretation of heritage of Mount Albion village.	A	RSPO				linked to RHCE Project
94 T	Pumping Station Trail from Woodward Plant - Create trail along the easement for water line between Woodward Water Treatment Plant and Ottawa Street..	A	HPW	RED			subject to Master Plan
95 T	New Trail on Mt. Albion Road from Glendale to Mud Street (to be abandoned as a result of the Expressway) - Create a new trail along Mount Albion Road from Glen Castle Drive to Mud Street, if Mount Albion is abandoned as a result of the expressway	A	HPW, SPO	IBTC			subject to Master Plan
96 T	Link from Red Hill Trail Across Mt. Albion Neighbourhood to Rail Trail at Limeridge - Extend trail at Limeridge Road, at Mohawk Sports Park, across the Red Hill Valley to connect with the Bruce Trail.	A	HPW	IBTC, RSPO			subject to Master Plan
97 T	Pedestrian Structure for Hikers at the Proposed Expressway - Create an opportunity for people to pass over the expressway around Dartnall Road, to allow people to move between Mount Albion Conservation Area and the Bruce Trail.	A	IBTC	HPW, HRCA			
98 T	Pedestrian Structure at the Expressway and Hydro Corridor between Upper Sherman and Upper Wentworth	A	HPW, RSPO				
99 T	Pedestrian Structure Across the Proposed Expressway Between Stoney Creek & Hamilton in the Vicinity of Mud Street - create an opportunity for people to pass over the expressway between Mud Street and the Bruce Trail.	A	HPW	HRCA			
100 T	Pedestrian Structure across railway tracks linking Gage Park to the Escarpment Rail Trail	A	HPW, RSPO				
101 S	Implement Actions Recommended in Hamilton Air Quality Initiative Report - Incorporate relevant data and air issues from the HAQI initiative into the State of the Watershed Report and the Watershed Plan. Identify action recommendations in HAQI's final report which are applicable and worthy of implementation through the Watershed Plan and incorporate them into the final document.	E, K	RED	HRCA, RED, HHHBA, GV			- in progress
102 S	Red Hill Meteorological Study - Undertake a study of the meteorological effects of the Red Hill Valley and implications for air quality.	K	RSPO				- report completed for RHCE
103 S	Safe Passage Across Landfill Sites - Develop a management strategy to facilitate public access through the Brampton and Upper Ottawa Street landfill sites.	A, E	RED	HPW			
104 S	Watershed Survey - Establish a co-operative effort by a variety of Watershed partners to design and implement a comprehensive and statistically valid survey of Watershed residents. Recommend this subject area as a source of appropriate research topics for secondary and post-secondary students.	K		HHWSP			

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105 T	Trails Master Plan for Hamilton - Implement a master planning process for walking and cycling trails within Hamilton. The Plan should assess community needs and identify priority projects across the city, including the Red Hill Watershed.	K	HPW	HHHBA	Requested		Awaiting \$\$
106 E	Open Space Zoning By-Law Amendment - Review the current zoning on lands which have natural attributes to determine whether an open space category would be more appropriate.	K	HPD	HHHBA		ongoing	
107 E	Watershed Related Policies in Official Plan - Incorporate policies supporting the Watershed Plans into the official plans for Hamilton, Stoney Creek and Glanbrook.	K	HPD, SC GLAN	HHHBA		ongoing	
108 T	Marshall Lime Kiln Restoration & Plaque - Establish an appropriate facility incorporating, commemorating and interpreting the ruins of the Marshall Lime Kiln. The remains of this historical structure were salvaged from a site on James Street North, which was in the right-of-way for the Lincoln Alexander Parkway.	A	HPD				
109 W H	Remove Barriers to Fish Migration - Remove or redesign built structures which impede fish migration at the locations identified in the Watershed Plan.	A	RSPO				- linked to RHCE project
110 H	Promote use of Native Plant Materials - Use native plant materials in public and private landscaping or habitat restoration work	A, E	RSPO	GV			- linked to RHCE project
111 C	Watershed Report Card - Develop a set of measurable indicators to chart overall progress in achieving the long-term goals of the Watershed Plan. Produce a periodic report card or other progress update.	A, E	RSPO				Part of overall implementation

Action Projects That Need a Lead

Theme	Action	Type	Lead	Partners	Funding	Timeframe	Notes
H	Rennie Street Landfill & Public Works Depot Restoration & Naturalization - Control of exotic species.	A					
H	Gravel Pits & Quarries Naturalization & Reforestation (Hannon Creek Headwaters) - Link to adjacent natural areas and linkage corridors. Control of exotic species.	A					
H	Upper James - Stone Church Road Area Reforestation & Naturalization - Connect savanna remnant fragments. Vegetation management to restore quality savanna species. Control of exotic species.	A					
S	Health & Well Being Program - Identify and monitor locations where activities are not recommended due to health or safety concerns. Develop a public awareness program including signage and literature to alert the community to these locations and to suggest alternative locations for activities. Identify the types of activities occurring in these locations and develop alternatives.	E, K					
H	Establish Amphibian Enhanced Program in Existing and New Habitat on Public and Private Land	A, E					
H	Restore Snake Hibernaculum in the Vicinity of the TH&B Line	A, E					
C	Establish Program to Prevent Illegal Dumping	E					
W	Remediation of Brampton Street Landfill	A					
C	Enhance Community Based Monitoring Program	A, E					

BTA - Bruce Trail Association

CSH - Conserver Society - Hamilton Chapter

GLAN - Township of Glanbrook

GV - Hamilton-Wentworth Green Venture

HAM - City of Hamilton

HBE - Hamilton Board of Education

HCR - Hamilton Culture & Recreation

HHB - Hamilton Historical Board

HHFW - Hamilton Harbour Fish & Wildlife Habitat Restoration Program

HHHBA - Hamilton Halton Homebuilders Association

HHWSP - Hamilton Harbour Watershed Stewardship Project

HPD - Hamilton Planning & Development

HPW - Hamilton Public Works & Traffic

HRCA - Hamilton Region Conservation Authority

IBTC - Iroquoia Bruce Trail Club

MTO - Ontario Ministry of Transportation

NEC - Niagara Escarpment Commission

REC - Regional Economic Development Department

RED - Regional Environment Department

RHCE - Red Hill Creek Expressway

RPH - Regional Public Health Department

RSPO - Regional Special Projects Office

SC - City of Stoney Creek

WN - Watershed Network