

Attachment 2

Toronto and Region Conservation Authority York Region – ORMCP Subwatershed Planning 2004 Mid-Year Status Update

Watershed Plan Component	Total York Region Budget	Actual York \$ Spent to date	Status of Deliverables as of June 30th, 2004	Key 2004 Deliverables
Surface Flow / Base Flow Monitoring	\$150,000	\$83,177	Don River Watershed - Digital mapping underway - Consultant hired, work underway	Don River Watershed Hydraulic model and existing Floodline and Regulation Line Mapping updates in 905 area
Water Use Assessment	\$9,300	\$3,534	Rouge River Watershed - Input to Phase 1 report complete (Desktop) identification and location of water users complete - Merging of York Region Water Use Database complete	Rouge River Watershed - Input to Phase 1 Report on effects of current water takings - Analysis of potential effects of future demand
			Humber River Watershed - Staff training complete for surveying - Preliminary (Desktop) identification and location of water users complete	Humber River Watershed - Input to Phase 1 Report on effects of current water takings - Analysis of potential effects of future demand
			Don River Watershed - Merging of York Region Water Use Database ongoing - Draft report complete (Don/Highland)	Don River Watershed - Field verification of water taking underway - Water Use/Low Flow Background Technical report
Water Budgets	\$318,100	\$6,878	Rouge River Watershed - Input to Phase 1 report complete - Monthly baseflow monitoring ongoing - Draft seasonal baseflow projection mapping /software complete	Rouge River Watershed - Input to phase 1 Report for existing conditions - Analysis of effects of alternative land and water use scenarios
			Humber River Watershed Baseflow sampling complete for East	Humber River Watershed Input to phase 1 Report for existing conditions

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			Humber and West Humber Analysis of 1996/1997 (Geological Survey of Canada) data near completion	Analysis of effects of alternative land and water use scenarios
			Don River Watershed - Low Flow mapping near completion (80%) - Draft report complete (50%) - Field data collection to continue - June - Workplan	Don River Watershed - Water budget - Low flow mapping and flow distribution mapping - Water Use/Low Flow Background Technical report
Aquatic Ecosystem & Habitat	\$80,000	\$23,769	Rouge River Watershed - Input to Phase 1 Report complete - Classification of aquatic habitats underway - Assessment of historic fish collection records begun - Initial scoping of aquatic ecosystem issues underway	Rouge River Watershed - Input to Phase 1 Report of existing (and historical) aquatic communities. - Analysis of effects of alternative land and water use scenarios.
			Humber River Watershed Assessment of existing and historic conditions started	Humber River Watershed - Input to Phase 1 Report of existing (and historical) aquatic communities. - Analysis of effects of alternative land and water use scenarios.
			Don River Watershed Not started	Don River Watershed - Assess condition of riparian zone - Initiate update to draft aquatic community management plan.
Terrestrial Natural Heritage	\$124,200	\$26,161	Rouge River Watershed 2002 Aerial photos will be digitized by August, 2004 - Field inventories ongoing and (for 1700 ha of natural cover) will be completed by early fall 2004	Rouge River Watershed 100% of the natural cover will have been digitally captured in broad landscape categories of forest, wetland, meadow beach/bluff, agricultural and urban using 2002 air photos 30% of the natural cover will have been

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			- Landscape Analysis on 1999 aerial photo data is complete. Landscape Analysis will be re-done on 2002 data once digitization is complete - Comparisons of conditions (1999 to 2002) will take place once 2002 photos are digitized and analyzed - Target system for Region will be adapted to the Rouge - WS by end of summer, 2004	inventoried to most detailed Ecological Land Classification category of Vegetation Type - Landscape analysis of existing conditions to determine patch scores - Analysis of effects of alternative land and water use scenarios on terrestrial scores.
			Humber River Watershed - Landscape analysis of existing conditions to determine patch scores - <i>Legacy Strategy for Humber</i> (1997) identified gap areas for more work – preliminary Phase 1A of plan update initiated - Field inventories ongoing and will be completed by early fall 2004 2002 Aerial photos will be digitized by August, 2004	Humber River Watershed 100% of the natural cover will have been digitally captured in broad landscape categories of forest, wetland, meadow beach/bluff, agricultural and urban using 2002 air photos 30% of the natural cover will have been inventoried to most detailed Ecological Land Classification category of Vegetation Type - Landscape analysis of existing conditions to determine patch scores
			Don River Watershed - Preliminary workplan outline developed - Field inventories ongoing and will be completed by early fall 2004 2002 Aerial photos will be digitized by August, 2004	Don River Watershed 100% of the natural cover will have been digitally captured in broad landscape categories of forest, wetland, meadow beach/bluff, agricultural and urban using 2002 air photos 30% of the natural cover will have been inventoried to most detailed Ecological Land Classification category of Vegetation Type - Landscape analysis of existing conditions to determine patch scores
Water Quality	\$111,500	\$14,920	Rouge River Watershed Data compiled; assessment of groundwater quality 50% complete	Rouge River Watershed Assessment of available groundwater literature and data

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			- Surface water quality Update is complete and input to Phase I report has been provided - Preliminary surface water quality contaminant modelling for existing conditions and one future scenario is complete.	- Input to Phase 1 Report for existing groundwater conditions - Update of surface water quality assessment and input to Phase 1 Report - Water quality/contaminant modelling and analysis of alternative land use scenarios and their effects
			Humber River Watershed - Update of surface water quality assessment is underway. - Review of YPDT groundwater database 30% complete	Humber River Watershed - Assessment of available groundwater literature and data. - Update of surface water quality assessment and input to Phase 1. - Water quality /contaminant modelling and analysis of alternative land uses and their effects.
Groundwater Studies	\$70,000	\$17,500	Rouge River Watershed - Input to Phase 1 report complete; - Consultant retained for analysis of water use scenarios, once defined	Rouge River Watershed - Input to Phase 1 Report - Analysis of alternative and water use scenarios
			Humber River Watershed Review of YPDT model underway; consultant retained for refinement of the model and future modeling of water use scenarios	Humber River Watershed - Input to Phase 1 Report - Analysis of alternative and water use scenarios
Project Management, Policy Development, Legal Review & Communications	\$157,000	\$53,804	Rouge River Watershed - Final draft of Phase 1 (State of the Watershed) Report is completed and circulated for review and comment. - Draft workplan for Phase 2 is being developed. Includes definition of proposed future scenarios and modeling tools for analysis.	Rouge River Watershed - Phase 1B Characterization (State of the Watershed) Report, including established goals, objectives, indicators, working targets and baseline report card - Draft Phase 2 (Analysis and Evaluation) Report

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			Humber River Watershed - Draft workplan completed - Work on approach to Phase 2 underway	Humber River Watershed - Phase 1B Characterization- set of draft technical reports addressing data gaps and a brief summary of current conditions and working targets - Draft Phase 2 (Analysis and Evaluation) Workplan
			Don River Watershed Draft workplan underway and scoping/consultation planned for early fall	Don River Watershed Phase 1A (scoping) workplan
			Duffins Creek Watershed Tracking progress of Generic Policy Development Project. Will postpone further work until Sept. 2004, when that initiative is complete	Duffins Creek Watershed Development of model policy to assist municipalities in implementing the watershed plan's recommendations