

Attachment 1
Council Report Attachment
Toronto and Region Conservation Authority
York Region – ORMCP Subwatershed Planning
2006 Year End Status of Deliverables

Watershed Plan Component	Total York Region Budget¹	Actual York \$ Spent to date	Status of Deliverables as of December 31, 2006	Key 2006 Deliverables
Water Use Assessment	\$2000	\$3000	Rouge River Watershed • All technical work completed; recommendations for implementation policy underway Humber River Watershed • Scenario analysis 70% complete • Management strategies and implementation recommendations pending completion of scenario analysis; expected in February 2007 Don River Watershed • Completed	Rouge River Watershed • Analysis of effects of future land use and management scenarios on water supply; • Input to development of a water allocation strategy and model policy regarding water use (e.g. minimum baseflow targets). Humber River Watershed • Analysis of potential effects of future land and water use and management scenarios on water availability; • Input to development of a water allocation strategy and model policies regarding water use (e.g. minimum baseflow targets). Don River Watershed • Water use specialist's input to ORM plan/policy and priority regeneration sites methodology
Water Budgets/ Base Flow Monitoring	\$7800	\$6000	Rouge River Watershed • All technical work completed; recommendations for implementation policy underway Humber River Watershed • Draft water budget complete, including SWM criteria for infiltration • Scenario analysis 70% complete • Management strategies and implementation recommendations pending completion of scenario analysis; expected in February 2007 Don River Watershed • Completed • Additional 2006 low flow monitoring data collection completed	Rouge River Watershed • Water budget input to State of Watershed ("SOW" Phase 1 Report); • Analysis of effects of future land use and management scenarios on natural systems; • Input to development of water allocation strategy and model policy regarding water budget management SWM criteria for infiltration; • Senior engineer input to final plan and policy Humber River Watershed • Analysis of potential effects of future land and water use and management scenarios on water budget and low stream flows; • Input to development of stormwater management criteria for groundwater infiltration. • Low flow/water use specialist input to final plan and policy Don River Watershed • Low flow specialist's input to ORM plan/policy and priority regeneration sites methodology
Aquatic	\$50,000	\$80,000	Rouge River Watershed • Completed with exception of finalization of Fisheries Management Plan well underway Humber River Watershed	Rouge River Watershed • Analysis of effects of future scenarios on aquatic systems; • Input to Watershed Plan recommendations and model policy;

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Ecosystem & Habitat			- Initial scenario analysis complete; finalization pending completion of water analysis, noted above. - Draft aquatic management recommendations complete. Don River Watershed - Completed	Aquatic resource management plan (ARMP) - Senior aquatic biologist input to final plan and policy - Consultation and finalization of Aquatic Resource Management Plan Humber River Watershed - Analysis of potential effects of future land and water use and management scenarios on aquatic system health; - Input to watershed plan recommendations and model policies Don River Watershed - Updated fisheries database - Aquatic systems policies for the ORM plan/policy - Input to regeneration priorities methodology
Terrestrial Natural Heritage	\$13,000	\$13,000	Rouge River Watershed - All technical work completed; input to policy recommendations underway Humber River Watershed - Scenario analysis completed; input to management and implementation recommendations underway Don River Watershed - Completed draft guidelines for achieving critical matrix habitat - Terrestrial specialist has provided input to the ORM report and regeneration priorities initiative. - Additional field data collection completed.	Rouge River Watershed - Integration of terrestrial target system with other natural heritage components (aquatics, groundwater). - Senior terrestrial ecologist input to final plan and policy Humber River Watershed - Analysis of potential effects of future land and water use and management scenarios on terrestrial health - Senior Terrestrial Biologist input to final Watershed Plan and policy recommendations Don River Watershed - Terrestrial systems policies, with respect to achieving “critical matrix habitat” (targets and guidelines for minimizing urban impacts on adjacent lands) - Input to regeneration priorities methodology and ORM plan/policy
Water Quality²	\$20,000	\$80,000	Rouge River Watershed - Completed Humber River Watershed - Scenario analysis 70% complete; - Management strategies and implementation recommendations pending completion of scenario analysis; expected in February 2007 Don River Watershed - Modelling of 905 stormwater management retrofit scenarios pending completion of Vaughan retrofit study; Terms of Reference drafted; scheduled for initiation in January 2007 - Analysis of water quality data and recommendations for the ORM report is complete - Input to regeneration priorities methodology is complete.	Rouge River Watershed - Water quality/contaminant modeling and analysis of alternative land use scenarios and their effects on water quality; - Assessment of effectiveness of SW Retrofits through 416/905 HSP-F model integration Humber River Watershed - Water quality/contaminant modeling and analysis of alternative land use scenarios and their effects; - Assessment of effectiveness of SW retrofits through 416/905 HSP-F model integration; - Input to watershed plan recommendations and model policies Don River Watershed - Modelling of 905 SW retrofit scenarios - Input to regeneration priorities methodology from water quality perspective - Senior hydrologist’s input to ORM plan/policy
			Rouge River Watershed	Rouge River Watershed

Watershed Plan Component	Total York Region Budget ¹	Actual York \$ Spent to date	Status of Deliverables as of December 31, 2006	Key 2006 Deliverables
Groundwater Studies	\$27,500	\$70,000	• All technical work completed; input to policy recommendations underway Humber River Watershed • Scenario analysis 70% complete; • Management strategies and implementation recommendations pending completion of scenario analysis; expected in February 2007 Don River Watershed • Completed	• Analysis of effects of future scenarios on groundwater systems; • Input to final watershed plan recommendations; • Input to model policy and water allocation strategy • Senior Hydrogeologist input to final plan and policy Humber River Watershed • Senior Hydrogeologist input to final Watershed Plan and policy recommendations Don River Watershed • Completion of report on groundwater conditions and management implications • Input to regeneration priorities methodology from groundwater perspective • Senior hydrogeologist's input to ORM plan/policy
Project Management Policy Development Legal Review & Communications	\$279,000	\$200,000	Rouge River Watershed • Ongoing project Coordination/administration support to the Task Force. • Final Draft State of the Watershed report completed, including report card ratings methodology • Final Draft Modelling Analysis and Evaluation Report completed • Preliminary peer review undertaken as part of analytical workshop in August 2006; formal peer review deferred to February 2007 • Final Draft Watershed Plan completed; implementation guide underway • Final social marketing study report completed • Initial consultation with each watershed municipality and one public open house held in November 2006; further formal consultation planned for January – March 2007 • Held ten meetings with multi-stakeholder Task Force • Presentations to Councils and key partner groups to be offered in winter 2007 • Implementation Guide, including policy component underway; consultation planned for February 2007	Rouge River Watershed • Project Coordination/administration support to the Task Force • Final State of the Watershed Report (ie. Phase 1 report) • Report Card Ratings Methodology Report • Final Written Summary Report of Modelling Analysis and Evaluation (ie. Phase 2 report) • Final Modelling Analysis and Evaluation technical reports • Peer Review report • Final Watershed Plan and Implementation Plan Preparation (ie. Phase 3 report). Key issues to be addressed: • Water Balance/SWM/instream erosion (<i>water balance policies and guidelines</i>) • Natural Heritage (<i>enhancement, invasive exotics control, encroachment management</i>) • Construction Practices (<i>E&SC, monitoring and enforcement, site restoration</i>) • Agricultural industry economic sustainability (<i>community supported agriculture, local markets</i>) • Residential/Business lot level barriers to implementation of sustainability practices (focus on naturalized landscapes, SWM, rainwater re-use) (<i>program recommendations based on social marketing study</i>) • Climate Change (<i>adaptation guidelines</i>) • Final consultation with each watershed municipality and key stakeholder groups. • Min. of one set of community open houses and focus group meetings (see input on final plan); regular Task Force meetings • Presentations to councils and key partner groups • Final model policy and criteria <i>addressing key issues including water budget, water use, SWM, groundwater management, aquatic and terrestrial natural heritage</i>

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			Humber River Watershed • Ongoing project coordination/administration • All draft current conditions reports complete; final draft reports expected in February that incorporate any new information arising from analysis and interpretation. • Report card ratings completed; rating methodologies are described in the current conditions reports and Watershed Report Card document • Scenario Analysis and Evaluation Report is underway • Peer review is deferred to March 2007; report will follow. • Draft Watershed Plan 30% complete; full draft expected end February 2007 • Discussion of key management directions has been undertaken jointly with Rouge Watershed Planning study, where common issues exist; Humber specific and strategic information is pending completion of Humber modeling and analysis. • Initial consultation on draft plan and supporting information is planned for February and March; with further consultation requirements to be confirmed at that time. Don River Watershed • Project coordination and administration continues. • Completed draft current conditions reports • A draft of the current conditions synthesis report is complete. • Completed a methodology for identifying priority regeneration areas; application of methodology to identify potential regeneration concept sites underway • A report addressing greenfield development on the Oak Ridges Moraine portion of the Don watershed is complete. • Public consultation is deferred to 2nd quarter 2007 and will focus on current conditions, issues, regeneration priorities and concept site selection.	Legal review of final plan/policy • Senior policy planner input to final plan and policy Humber River Watershed • Project coordination/administration • Final set of eleven current conditions reports (i.e., Phase 1 Reports: Groundwater Quality and Quantity, Surface Water Quantity, Surface Water Quality, Fluvial Geomorphology, Aquatic System, Terrestrial System, Air Quality, Human Heritage, Public Use, Land and Resource Use, and Existing Management Framework); • Updated watershed report card ratings for current conditions; • Report Card Rating Methodology Report; • Final Scenario Analysis and Evaluation Summary Report (i.e., Phase 2 Report); • Peer review report Final Watershed Plan (i.e., Phase 3 Report) addressing key issues as noted above for Rouge Don River Watershed • Project coordination/administration • Written summary report of watershed conditions, based on updated and new data (Phase 1-State of Watershed Report); Preliminary report on Phase 2 analysis • Final set of current conditions reports (groundwater quantity and quality, surface water quantity, surface water quality, low flow and water resource use, slope stability and erosion, aquatic systems, terrestrial systems, land and resource use, public use, cultural ecology) (Phase 1 reports). • Current conditions synthesis report (Phase 1 report). • Preliminary methodology for identifying priority regeneration areas (partial Phase 2 report) • Preliminary list of potential regeneration concept sites • Preliminary report addressing York's ORM watershed planning requirements for upper subwatersheds Minimum one set of community open houses and focus group meetings (consultation on regeneration priorities, York Region ORM plan) Peer review • Draft model policy and criteria for York Region ORM plan • Senior engineer input to stormwater policy, criteria and guidelines.

1 Total 2006 budget is \$400,000, plus \$125,000 deferred from 2005 for completion of 2005 deliverables.

2 Water quality expenses include water budget and flow modeling study costs.