

Attachment 2
Council Report Attachment
Toronto and Region Conservation Authority
York Region – ORMCP Subwatershed Planning
2005 Mid Year Status of Deliverables

Watershed Plan Component	Total York Region Budget	Actual York \$ Spent to date	Status of Deliverables as of June 30, 2005	Key 2005 Deliverables
Water Use Assessment	\$7,400	\$5,702	Rouge River Watershed • Analysis and effects assessment will be completed once HSPF model results for future scenarios is available Humber River Watershed • Draft technical background report completed • Analysis and effects assessment will be completed once HSPF model results for future scenarios is available Don River Watershed • Draft technical background report complete, undergoing peer review (internal)	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 • Phase 1 report on water use survey results addressing permitted and non-permitted water uses at a subwatershed scale; • 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 analysis of current water use and effects on baseflow
Water Budgets/ Base Flow Monitoring	\$18,100	\$16,887	Rouge River Watershed • Analysis and effects assessment will be completed once HSPF model results for future scenarios is available; • Hiring of field staff for monthly monitoring has begun; • Field staff performing monthly baseflow monitoring at indicator stations Humber River Watershed • Draft technical background report completed; • Hiring of field staff for monthly monitoring has begun • Monthly monitoring underway. • Awaiting HSP-F & YPDT modeling results Don River Watershed • Draft technical background report complete, undergoing peer review (internal); • Hiring of field staff for baseflow monitoring has begun • Monthly monitoring underway	Rouge River Watershed • Water budget input to 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 • Monthly baseflow monitoring at indicator stations Humber River Watershed • Phase 1 report updating current surface water quantity conditions including baseflow monitoring results; • Updated monthly baseflow data; • Analysis of potential effects of future land and water use and management scenarios on water budget and low stream flows; • Input to development of a water allocation strategy and model policies regarding water use (e.g., minimum baseflow targets); • Input to development of stormwater management criteria for groundwater infiltration. Don River Watershed • input to Phase 1 summary of current watershed conditions for water budget and low flow distribution components - updated monthly baseflow data

Watershed Plan Component	Total York Region Budget	Actual York \$ Spent to date	Status of Deliverables as of June 30, 2005	Key 2005 Deliverables
Aquatic Ecosystem & Habitat	\$70,000	\$49,158	Rouge River Watershed - Continued data analysis, establishment and 1st meeting of Technical Team for ARMP - Partner support to MNR landscape modeling and analysis of potential effects of future land and water use and management scenarios on aquatic system health underway and ongoing - Gap analyses for fisheries completed and supplemental temperature, barrier and fisheries sampling underway - Riparian analyses methods formalized, GIS analysis underway - ARMP Terms of Reference and Workplan , and 1st technical meetings completed and ongoing Humber River Watershed - Preliminary analysis complete; Draft background initiated - Partner support to MNR landscape modeling of analysis of potential effects of future land and water use and management scenarios on aquatic system health underway and ongoing - Riparian analyses methods formalized - Temperature monitoring underway to verify MNR stream classifications Don River Watershed Preliminary collection of aquatic data - Draft TOR for Don River Fisheries Management Plan complete - Riparian analyses methods formalized, GIS analysis underway - Temperature monitoring underway - Barrier assessments later this summer - Regional Watershed Monitoring Network sites + 10 supplemental sites underway - Analyses of collected MNR data sheets pending this summer - Supplemental fish sites in ORM planning area underway & partner with NGOs for additional ORM sites - Preliminary drafting of Aquatic Systems – Current Conditions report - Potential partnering with University of Toronto with respect to reddsides dace habitat modeling	Rouge River Watershed Plan - Analysis of effects of future scenarios on aquatic systems - input to Watershed Plan recommendations and model policy - aquatic resource management plan (ARMP) Humber River Watershed - Phase 1 report updating current condition of the aquatic system including fish and benthic invertebrate communities and aquatic habitat; - 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 - input to Phase 1 summary report of existing and historical aquatic communities - analysis of effects of future land and water use scenarios on aquatic systems
Terrestrial Natural Heritage	\$33,500	\$12,051	Rouge River Watershed - Landscape Analysis 2002 – complete - Target system refinement and scoring for the Rouge Watershed is now underway Humber River Watershed - Landscape Analysis 2002 – complete - Background technical report to be completed by Aug. 2005 - Target system refinement and scoring for the Humber Watershed is now underway Don River Watershed - Landscape Analysis 2002 – complete - Refinements to regional targets will be completed by late 2005/early 2006.	Rouge River Watershed Plan - Analysis of effects of future scenarios on terrestrial scores. - input to watershed plan recommendations and model policy - integration of terrestrial target system with other natural heritage components (aquatics, groundwater) Humber River Watershed - Landscape analysis on updated natural land cover data to assess terrestrial system quality/function at habitat patch and watershed scales; - Refine regional terrestrial natural heritage system target for the Humber watershed; - Analysis of potential effects of future land and water use and management scenarios on terrestrial system health; - Input to watershed plan recommendations and model policies Don River Watershed - Landscape analysis of existing conditions to determine patch scores;

Watershed Plan Component	Total York Region Budget	Actual York \$ Spent to date	Status of Deliverables as of June 30, 2005	Key 2005 Deliverables
				- Refinement of regional targets for quantity and quality to watershed scale; - Input to Phase 1 summary report of current watershed conditions for terrestrial component; - Analysis of effects of future land use and management scenarios on the terrestrial system
Water Quality	\$93,500	\$20,993	Rouge River Watershed - Update of surface water quality assessment , based on additional data provided by MOE, is complete. - HSP-F model calibration for water quality is complete. Eight future scenarios, including stormwater retrofits, will be modeled and analyzed over the next few months Humber River Watershed - Background report on updated surface water quality to be completed by the end of July, once external data has been made available - The HSP-F model has been set-up and calibrated; - An existing conditions summary of model outputs is nearing completion and analysis of alternative land use scenarios, including a stormwater retrofit scenario, is underway Don River Watershed - Wet weather monitoring at two stations on the Don commenced in May and is underway - A 905 model will be set-up and calibrated later this year - Workplan is being finalized with consultant	Rouge River Watershed Plan - update of surface water quality assessment and input to Phase 1 Report - Water quality/ contaminant modelling and analysis of future scenarios and their effects on water quality - assessment of effectiveness of SW Retrofits through 416/905 HSP-F model integration Humber River Watershed - Update of surface water quality assessment and input to Phase 1 report - Water quality and contaminant modelling and analysis of potential effects of future land and water use and management scenarios on surface water quality; - Assessment of effectiveness of planned stormwater retrofits through 416/ 905 area HSP-F model integration; - Input to watershed plan recommendations and model policies Don River Watershed - limited updated water quality assessment and input to Phase 1 summary report on current conditions - modelling of (905) SW retrofit scenario
Groundwater Studies	\$31,500	\$7,547	Rouge River Watershed - Analysis and effects assessment will be completed once HSPF model results for future scenarios is available Humber River Watershed - Scope of work to be confirmed in July 2005 as part of source water protection work program development; - Scenario evaluation is awaiting the extension and refinement of the YPDT/EarthFx regional groundwater flow model, which is in progress; - Draft technical background report has been initiated Don River Watershed - Current confitions report is planned for late fall	Rouge River Watershed Plan - Analysis of effects of future scenarios on groundwater system - input to final watershed plan recommendations, model policy and water allocation strategy Humber River Watershed - Phase 1 report on current condition of the groundwater system; - Analysis of potential effects of future land and water use and management scenarios on groundwater quantity and quality; - Input to watershed plan recommendations and model policies. - Input to development of a water allocation strategy and model policies regarding water use. Don River Watershed - interpretation of groundwater system and input to Phase 1 summary report on current watershed conditions
Project Management Policy Development	\$246,000	\$55,068	Rouge River Watershed - Ongoing project coordination, administration and task force support; - Convened four Task Force meetings (Feb. 3, March 10, April 21, and June 2). Discussions included: final review and comment of watershed targets; 2005 Task Force workplan and schedule; implementation committee 2005 workplan; key management issues and plan to hold expert meetings called “management summits” for each issue; comments to the province on the final Greenbelt Plan and proposed Growth Plan; input to	Rouge River Watershed - Project coordination and administrative support to Task Force - Written summary of the results of modeling and analysis of future land use scenarios and management strategies (Phase 2 report) - Preliminary Watershed Plan (Draft Phase 3 Report), including summary of background conditions, preferred management strategy and implementation plan - Min. of one set of community open houses and two sets of focus group meetings

Watershed Plan Component	Total York Region Budget	Actual York \$ Spent to date	Status of Deliverables as of June 30, 2005	Key 2005 Deliverables
Legal Review & Communications			future scenarios, including the sustainable community scenario; and input to the proposed scenario evaluation process. • Draft Request for Proposals prepared for Phase 2 summary report • Continued preparation for Management Summit meetings with working groups of external technical experts to identify and develop new strategies/tools to address these issues in the final plan • Preparation of Rouge Model Policy framework underway based on “Generic Model Policy” report. Humber River Watershed • Ongoing project coordination and administration; • Full first drafts of 3 of 11 background reports are complete and the remaining 8 background reports are 75-80% complete, (to be available in July) • Full first drafts of detailed definitions and mapping of future land and resource use scenarios are complete and under review • Consultation with municipal partners on detailed definitions and mapping of future land and resource use scenarios is underway • Full first draft of background report on current planning and policy framework is ~75% complete, to be available for review in July. Don River Watershed • Ongoing project coordination and administration • Confirmation of goals, objectives, indicators and targets underway • Current conditions technical reports are expected later in fall and early 2006 • Consultation plan complete • Current policy review underway	(seek input on Phase 2 and draft Phase 3) • Regular task force meetings (minimum of seven) and implementation subcommittee meetings and administration of their workplans • Draft model policy • Legal input to policy/plan as required Humber River Watershed • Project coordination and administrative support; • Draft Phase 1 reports updating current conditions pertaining to groundwater quality and quantity, surface water quality and quantity, fluvial geomorphology, aquatic system, and terrestrial system complete; • Summary of results of the analysis and evaluation of future land use scenarios and management strategies and the draft preferred management strategy (Phase 2 report); • Preliminary watershed plan including summary of current conditions, preferred management strategy and implementation plan (Phase 3 report); • Minimum of one set of community open houses and focus group meetings (seek input on Phase 2 and draft Phase 3 reports); regular Humber Alliance meetings; • Draft model policies; Don River Watershed • Project coordination and administration. • Written summary report of watershed conditions, based on updated and new data current conditions reports (Phase 1 “state of the watershed”) received by year end; • Confirmation of goals, objectives, indicators, targets • Detailed workplan for Phase 2 analysis (regeneration priorities identification); • Min. one set of community open houses and focus group meetings • Regular Don Council meetings