

Clause embodied in Report No. 9 of the Policy and Finance Committee, as adopted by the Council of the City of Toronto at its meeting held on September 22, 23, 24 and 25, 2003.

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Wet Weather Flow Management Master Plan and Wet Weather Flow Management Policy

(City Council on September 22, 23, 24 and 25, 2003, amended this Clause by adding thereto the following:

“It is further recommended that:

- (1) Council acknowledge that approval of the policy does not include approval for any form of deflector arm related to the Humber River and that all options for resolving pollution in the Western Beaches, caused by the Humber River outfall, will be considered as part of the Environmental Assessment process;*

- (2) the following motion be adopted:*

‘WHEREAS suitable projects based on natural processes, such as natural vegetated wetlands/infiltration sites, can be effective and economical in cleaning up stormwater; and

WHEREAS the knowledge and expertise of competent community organizations are a valuable resource in implementing the Plan;

***NOW THEREFORE BE IT RESOLVED THAT** the Commissioner of Works and Emergency Services be requested to work with knowledgeable Humber Watershed groups to pursue the inclusion of some low cost projects that utilize effective natural processes for the 2003-2007 implementation period of the Wet Weather Flow Management Master Plan.’; and*

- (3) the Commissioner of Works and Emergency Services be requested to:*

- (a) submit a report to report to the Works Committee, within three months, on what the first and second steps would be to make our rivers meet water quality goals for swimming and any financial implications necessary to accomplish this, such report to also include time targets; and*

- (b) submit a report to the Works Committee on the feasibility of improving the natural heritage features of local watercourses by developing principles that establish minimum budget allocations for Channel Form Naturalization, Riparian Restoration, Fish Barrier Removal and Pond Construction, either as a guaranteed for engineered expenditure or as a minimum percentage of the overall Wet Weather Flow budget.”)*

The Policy and Finance Committee recommends the adoption of the Recommendation of the Works Committee embodied in the following communication (September 4, 2003) from the City Clerk:

Recommendation:

The Works Committee recommends the adoption of the report dated August 28, 2003, from the Commissioner of Works and Emergency Services, subject to:

- (1) delaying the Class Environmental Assessment process for the Humber River and Etobicoke Creek Deflector Arms and instead, requesting that the Commissioner of Works and Emergency Services report back to the Works Committee by April 2004 on consultations with expert stakeholders and the community in these watersheds; and
- (2) expanding Strategy 5(a) to consider sewer separation during regular maintenance and repair work in this area.

The Works Committee reports, for the information of the Policy and Finance Committee and Council, having:

- (1) referred the submission by RiverSides Stewardship Alliance to the Commissioner of Works and Emergency Services for a report to the Works Committee early in 2004;
- (2) requested the Commissioner of Works and Emergency Services to further report to the Works Committee early in 2004 on:
 - (i) the number of combined sewers in existence, their location and a priority listing with costs for the separation of those sewers over the next 10 years;
 - (ii) the operations of the Western Beaches Tunnel, including whether the tunnel met expectations; how many days the tunnel was fully operational; the number of overflows; the success of the UV disinfection system to kill bacteria; and future expectations for improving water quality in the area; and
 - (iii) the success of the 2003 Downspout Disconnection Program; and
- (3) further requested the Commissioner of Works and Emergency Services to convene a meeting with Friends of the Rouge Watershed, Save the Rouge Valley System, Ontario Streams, Rouge Park staff, Councillor Moeser and Councillor Cho, to discuss impacts and potential benefits of the Wet Weather Flow Management Master Plan on the Rouge Watershed.

Background:

The Works Committee at its meeting on September 4, 2003, had before it a report (August 28, 2003) from the Commissioner of Works and Emergency Services recommending that:

- (1) the final Wet Weather Flow Management Master Plan (July 2003) be adopted and the 2004 Water and Wastewater Operating Budget be increased by \$450,000.00 to reflect the additional staff resources needed to advance the Class Environmental Assessment process for specific projects identified in the plan;
- (2) the Wet Weather Flow Management Master Policy (August 2003) be adopted;
- (3) the Commissioner of Works and Emergency Services report back in 2004 with wet weather flow management guidelines and by-law(s) which may be necessary to support the implementation of the Policy;
- (4) a Community Outreach Program to support the implementation of the Wet Weather Flow Management Master Plan be funded annually in the amount of \$250,000.00 per year from the Water and Wastewater Services Capital Budget and that the Toronto and Region Conservation Authority (TRCA) administer this Program in consultation with an interdepartmental City team and report annually to the Works Committee summarizing the projects funded; and
- (5) the appropriate City officials be granted the authority to give effect thereto.

The Committee also had before it the following communications:

- (i) (June 23, 2003) from Mr. John Hopkins, Toronto, Ontario;
- (ii) (August 3, 2003) from Mr. Hy Schwartz, Toronto, Ontario;
- (iii) (August 11, 2003) from Ms. Karen Buck, President, Citizens for a Safe Environment;
- (iv) (August 21, 2003) from Mr. A.P. Lino Grima, Member, WWFMMP Steering Committee; Chair, Toronto RAP/PAC Education Committee; and Retired Faculty Member, University of Toronto;
- (v) (August 26, 2003) from Mr. Luciano Martin, Executive Director, Action to Restore a Clean Humber;
- (vi) (September 2, 2003) from Ms. Karey Shinn, Chair, Safe Sewage Committee;
- (vii) (September 2, 2003) from Ms. Sarah Miller, Canadian Environmental Law Association; and
- (viii) (August 11, 2003) from Ms. Peg Lush, Member, Safe Sewage Committee.

The following persons appeared before the Works Committee in connection with the foregoing matter:

- Mr. Bill Sheehan, and submitted a communication with respect thereto;
- Mr. Lino Grima, Member, WWFMMP Steering Committee;

- Mr. Hy Schwartz;
- Mr. John Hopkins;
- Ms. Karen Buck, President, Citizens for a Safe Environment;
- Mr. Luciano Martin, Action to Restore a Clean Humber;
- Mr. Dalton Shipway, and submitted material with respect thereto;
- Mr. Kevin Mercer, Executive Director, RiverSides Stewardship Alliance, and submitted material with respect thereto;
- Ms. Peg Lush, Member, Safe Sewage Committee;
- Ms. Lois James;
- Ms. Karey Shinn, Chair, Safe Sewage Committee, and submitted a communication with respect thereto;
- Mr. Andrew McCammon, Chair, Friends of the Don East, and submitted material with respect thereto;
- Ms. Shelley Petrie, Toronto Environmental Alliance;
- Ms. Margaret Buchinger, Member of Steering Committee;
- Mr. Jim Robb, Friends of the Rouge Watershed, and submitted material with respect thereto;
- Mr. Jim Neff; and
- Councillor Sandra Bussin, Ward 32 – Beaches-East York.

(Report dated August 28, 2003, addressed to the
Works Committee from the
Commissioner of Works and Emergency Services)

Purpose:

To seek final approval of the Wet Weather Flow Management Master Plan and Policy and report on feedback received from the obligatory final public review.

Financial Implications and Impact Statement:

Implementation of the Wet Weather Flow Management Master Plan (WWFMMP) will have a financial impact estimated at \$1.047 billion on the Water and Wastewater Services Capital Budget and \$233 million on the Division's Operating Budget over the next 25 years.

The current Water and Wastewater Services Capital Budget submission incorporates a \$122 million request for the implementation of the Plan from 2003 to 2007. We expect to spend \$400,000.00 in 2003.

A separate joint report from the Chief Financial Officer and Treasurer and the Commissioner of Works and Emergency Services on financing for the WWFMMP has been included on this agenda and the next meeting of the Policy and Finance Committee.

Recommendations :

It is recommended that:

- (1) the final Wet Weather Flow Management Master Plan (July 2003) be adopted and the 2004 Water and Wastewater Operating Budget be increased by \$450,000.00 to reflect the additional staff resources needed to advance the Class Environmental Assessment process for specific projects identified in the plan;
- (2) the Wet Weather Flow Management Master Policy (August 2003) be adopted;
- (3) the Commissioner of Works and Emergency Services report back in 2004 with wet weather flow management guidelines and by-law(s) which may be necessary to support the implementation of the Policy;
- (4) a Community Outreach Program to support the implementation of the Wet Weather Flow Management Master Plan be funded annually in the amount of \$250,000.00 per year from the Water and Wastewater Services Capital Budget, and that the Toronto and Region Conservation Authority (TRCA) administer this Program in consultation with an interdepartmental City team and report annually to the Works Committee summarizing the projects funded; and
- (5) the appropriate City officials be granted the authority to give effect thereto.

Background :

The development of the Wet Weather Flow Management Master Plan was initiated in 2000 and included documenting existing conditions, establishing targets, assessing over 90 stormwater management control measures, developing strategies on a watershed basis to control wet weather flow impacts and preparing a WWFMMP implementation plan. A Wet Weather Flow Management Policy was also developed. The Plan development was guided by a 24-member Steering Committee and received broad public consultation throughout the process.

On November 26, 27 and 28, 2002, City Council adopted, as amended, Clause No. 23 of Report No. 15 of the Policy and Finance Committee, which approved the recommendation of the Works Committee report, dated October 29, 2002, titled "Preferred Strategy and 25 Year Implementation Plan for the City of Toronto Wet Weather Flow Management Master Plan", and approved the adjustments to the 25 Year Implementation Plan as a result of feedback obtained from public consultation submitted in the Works Committee report, dated November 4, 2002, titled "Preferred Strategy and 25 Year Implementation Plan for the City of Toronto Wet Weather Flow Management Master Plan - Supplementary Report", recommending that:

- (1) the Commissioner of Works and Emergency Services, with input from the Wet Weather Flow Management Master Plan Steering Committee, finalize the technical studies supporting the Master Plan for submission to the Ontario Ministry of the Environment for the obligatory 30-day public review period under the Municipal Class Environment Assessment process;

- (2) the Wet Weather Flow Management Master Plan be approved in principle, subject to approval of the Plan in accordance with the requirements of the Class Environmental Assessment process;
- (3) the Commissioner of Works and Emergency Services report back in early 2003 to Works Committee once the obligatory Class Environmental Assessment Review period has expired with the final Wet Weather Flow Management Master Plan; and the Chief Financial Officer and Treasurer in consultation with the Commissioner of Works and Emergency Services also report on a recommended funding model for the 25 Year Implementation Plan;
- (4) Wet Weather Flow Management Policy be approved in principle and circulated to Community Councils for their comments, and that the Commissioner of Works and Emergency Services report back with a revised Policy incorporating any changes which may be necessary; and
- (5) the Wet Weather Flow Management Master Plan 2003 requirements be incorporated in the Water and Wastewater Services 2003 Capital Budget;

and the recommendation from the Policy and Finance Committee that:

- (1) the adoption of the Recommendations of the Works Committee embodied in the communication (November 6, 2002) from the City Clerk be subject to funds being available in subsequent years; and
- (2) the Environmental Assessment respecting the Ashbridges Bay/Coatsworth Cut area be initiated as a priority.

Council amended Clause No. 23, Report No. 15 of the Policy and Finance Committee to request the Commissioner of Works and Emergency Services to report back to the Works Committee on:

“whether elements of the City of Toronto Wet Weather Flow Management Master Plan directed at reducing flows to the facility to increase its overall performance; improving water quality within the Humber River Watershed from dry and wet weather sewer discharges; and reducing the impact of the Humber River flow to the Western Beaches; should be advanced as a high priority in the implementation of the Plan; and any other steps required to ensure that the Western Beaches are able to be open for swimming during the summer season.”

Comments:

Finalization of Wet Weather Flow Management Master Plan (WWFMMP) Technical Studies:

Technical study documents have been prepared for each of the City’s six watershed study areas including Mimico Creek, Etobicoke Creek, Humber River, Don River, Highland Creek and the Rouge River, the combined sewer system study area, and the waterfront. These documents contain the details regarding the analysis completed to support the recommendations contained in

the WWFMMP. The documents, although largely technical also document the input and feedback received from the Steering Committee and the public. Following Council's approval in principle of the WWFMMP in November 2003, the draft technical study documents were reviewed by the WWFMMP Steering Committee to ensure accuracy and completeness prior to filing the documents with the Ministry of the Environment for the final obligatory 30-day public review period. The comments received from members of the Steering Committee were forwarded to the consultants for consideration in finalizing the reports. Comments received have been expressed previously during the public consultation process and considered in developing the WWFMMP which was approved in principle by Council in November 2002, or will be considered during the next stages of the Plan implementation, the environmental monitoring and Plan review process. Responses to comments received will be provided to the respective members of the Steering Committee with the formal response to those received during the obligatory 30-day final public review period.

Measures to Improve Water Quality along the Western Beaches:

Council at its meeting of November 26, 27 and 28, 2002, asked for a report on the elements of the Wet Weather Flow Management Master Plan directed at reducing flows to the Western Beaches Tunnel to effectively increase the overall performance of the tunnel. Further, Council enquired about measures to improve the water quality within the Humber River Watershed from dry and wet weather sewer discharges, and asked that measures which reduce the impact of the Humber River flow on the Western Beaches be advanced as a high priority in the implementation of the Plan. Council further requested a report on any other steps required to ensure that the Western Beaches are able to be open for swimming.

Based on feedback received from the Project Steering Committee and the public, the Master Plan has recommended the implementation of source control measures as a high priority in the combined sewer service area. City Council at its meeting of July 22, 23 and 24, 2003, adopted the recommendations of the June 4, 2003 Works Committee to undertake a new strategy for implementing the Downspout Disconnection Program. The new strategy will take advantage of an enhanced public communication program as well as monetary incentives and the involvement of community groups to increase the level of homeowner participation. The anticipated increased participation in the Downspout Disconnection Program will, over time, reduce the volume of combined sewer overflows. The Downspout Disconnection Program will continue in subsequent years to focus on the combined sewer drainage areas including the area tributary to the Western Beaches. This will in turn increase the overall performance of the Western Beaches Tunnel facility by reducing the volume of flows intercepted and ultimately treated.

In the Humber River watershed, the Master Plan also gives high priority to projects with the largest impacts on improving water quality in the Humber River, this includes eliminating sources of dry weather pollution. The City will also be working with the Toronto and Region Conservation Authority and upstream communities to improve water quality from all sources to the Humber River.

The WWFMMP also includes strategies which will further improve the water quality along the Western Beaches. In particular, the Plan recommends the installation of a deflector arm or other

new shoreline structures at the mouth of the Humber River to reduce the impact of the Humber River discharge on the near shore waters along the Western Beaches.

Concerns have been raised that the proposed deflector arm is not the proper solution as it is merely redirecting the problem and there may be impacts on aquatic habitat and longshore sediment transport processes. However, as explained in the November 4, 2002 Works Committee report, "Preferred Strategy and 25 Year Implementation Plan for the City of Toronto Wet Weather Flow Management Master Plan – Supplementary Report", the effectiveness of the various control measures and strategies to improve water quality along the waterfront, in particular the beaches, was assessed. It was shown that while the Master Plan provides for control of outfall discharges directly impacting the beaches and the Humber River, these improvements are masked by the impacts of the watershed as a whole, which extend well beyond the City limits. In particular, flows from the Humber River will continue to impact water quality along the Western Beaches, even with the implementation of the 100 year plan. This type of project is subject to review and analysis through the Class Environmental Assessment process which will address all concerns that have been raised and further evaluate the justification for this project and consider and assess options for the configuration of the structure and opportunities to integrate it with recreational uses and the ecological function of Humber Bay (e.g., fishing pier and park features above water and fish habitat features below water).

Detailed background studies required to advance to the Class Environmental Assessment for this project have been included in the 2004 Water and Wastewater Services Capital Budget request.

We have assessed other steps required to ensure that the Western Beaches are able to be open for swimming during the summer season. The infrastructure improvements such as the Western Beaches Tunnel will significantly improve the quality of the near shore waters for improved recreational activity. Further, the Blue Flag Program, which is being established for all of the City's swimming beaches, will incorporate and implement a list of best practices for managing the day-to-day operation of the swimming beaches. One of the program requirements includes a public education and communication program about the use of garbage containers and the need for diligent "stoop and scoop" practices for pet droppings in the vicinity of swimming beaches. These good housekeeping measures all support the broader initiative of reducing surface runoff pollutants thus improving near shore water quality. The City also maintains a beach monitoring program throughout the swimming season to monitor the near shore water quality and determine the swimmability of the City's beaches. This program will also provide the necessary data to measure the effectiveness of measures and determine the need for further programs to enhance the near shore water quality.

Comments Received during the Thirty-Day Review Period under the Class Environmental Process:

The development of the WWFMMP has followed the planning principles of the Environmental Assessment Act as detailed in the Class Environmental Assessment (EA) for Municipal Water and Wastewater Projects. The process has incorporated broad public and agency consultation on all aspects of the Plan development over the past two years. In addition, the Class EA process requires an obligatory 30-day public review period, which began on July 11, 2003 and expired on August 11, 2003. A number of comments have been received from individual members of the

public, members of the WWFMMP Steering Committee, and agencies such as the Toronto and Region Conservation Authority and Environment Canada.

The comments and enquiries range from requesting additional information and requesting circulation on future mailing lists as the WWFMMP is implemented, to substantive comments on key points that address both the WWFMMP Preferred Strategy and/or the 25-Year Implementation Plan. The regulatory agencies such as Environment Canada and the Toronto and Region Conservation Authority (TRCA) were extremely supportive of the Plan and conclude that it is time to get the Plan underway and implemented. Environment Canada stated the "The WWFMMP is very thorough and comprehensive and we commend the City on this initiative." TRCA also commended the City for developing such a comprehensive and innovative plan which will advance objectives of the Toronto and Region Remedial Action Plan and will result in significant environmental, economic and social benefits to the City of Toronto. Many members of the public also commended the City on the development of the WWFMMP.

A detailed review of all comments indicates that all of the substantive comments fall into three categories:

- (i) those which have been expressed previously during the public consultation process and which have been considered in developing the WWFMMP which was approved in principle by Council in November 2002;
- (ii) those which will be considered at the next stage of plan implementation, where preliminary design and site specific details are assessed; and
- (iii) those which consider the priority and scheduling of project implementation, which will be reviewed with the regular Plan updating every five to six years, especially in cases where there may be a higher cost-benefit to the City.

A formal response will be provided to all comments received.

Wet Weather Flow Management Policy:

A final Wet Weather Management Policy has been prepared incorporating all comments received following the approval in principle of the draft Wet Weather Flow Management Policy submitted with the October 29, 2002 Works Committee report, "Preferred Strategy and 25 Year Implementation Plan for the City of Toronto Wet Weather Flow Management Master Plan". The final Wet Weather Flow Management Policy (August 2003) has been provided separately to Committee members and the Clerk's Office.

The draft Policy was circulated to all Community Councils for review in the fall of 2002. Community Councils either concurred with the Policy or had no comments. Midtown, North York and Scarborough Community Councils requested reports to Committee on specific Wet Weather Flow Management Master Plan issues and Policy administration.

The Midtown Community Council requested the Commissioner of Works and Emergency Services to report on combined sewer separation and downspout disconnection. On July 22,

2003, Council considered Report No. 5, Clause No. 12a of Works Committee on downspout disconnection issues. Midtown Community Council also requested the Commissioner to report on:

- (i) prepare a list of all areas where storm and sanitary sewers are known to be connected and report to Works Committee on the cost of conducting dye testing in those neighbourhoods; and
- (ii) report to Works Committee on a plan with a time line and cost estimates to separate the sewer lines.

The final Technical Study report for the Combined System Sewershed (July 2003) includes a map of all areas where either the storm sewer is connected to a combined sewer or where stormwater is collected directly by a combined sewer because there is no storm sewer.

As reported in the November 4, 2002 Works Committee report, "Preferred Strategy and 25 Year Implementation Plan for the City of Toronto Wet Weather Flow Management Master Plan- Supplementary Report", in developing the WWFMMP, one of the strategies considered focussed on complete road sewer system separation, which provided separate storm sewers where only a combined sewer exists and disconnection of any storm sewer presently connected to a combined sewer. The cost estimate to provide separate storm sewers was \$348 million over 25 years. The Master Plan did not recommend complete storm sewer separation for all combined sewer areas. Instead the preferred strategy recommended separate storm sewers only in areas subject to basement flooding and reducing combined sewer overflows with end-of-pipe underground storage and treatment for the remainder of the combined sewer service area. Opportunities to provide separate storm sewers will be evaluated further during the next phases of the Environmental Assessment process for proposed end-of-pipe facilities.

North York Community Council requested that the Commissioner of Works and Emergency Services provide specific recommendations on the implementation of the proposals outlined in the City of Toronto Wet Weather Flow Management Master Plan. This information was provided to Committee members with the October 29, 2002 Works Committee report, "Preferred Strategy and 25 Year Implementation Plan for the City of Toronto Wet Weather Flow Management Master Plan", and is retabulated in the "Wet Weather Flow Management Master Plan Overview and Implementation Plan, July 2003" distributed to Committee members and provided to the Clerk's Office.

Scarborough Community Council requested that:

"the policy be forwarded to the Rouge Park Alliance to provide comments directly; the Commissioner report as quickly as possible on a strategy to possibly secure the properties identified on the End-of-Pipe Control Measures map; and report on which Department will retain control of the Policy and how that Department will ensure that the planning development application process abides by it and that Council Members are informed by the Works and Emergency Services Department on the observance of the Policy in Development applications."

The draft WWFM Policy was reviewed with the Rouge Park Alliance as well as with the environmental regulatory and approval agencies and the WWFMMP Steering Committee. The Policy has been amended to account for their comments. Staff from City Departments who participated in the WWFMMP process have also reviewed the Policy.

Administration of the WWFM Policy is the responsibility of the Commissioner of Works and Emergency Services. Implementation of the Policy will be supported by detailed Technical Guidelines and associated By-law(s). The Policy, Guidelines and By-law(s), once adopted by Council, provide the administrative and legislative authority to ensure compliance. Pending Council's approval of the Policy, the Guidelines and associated By-law(s) will be recommended to Works Committee in 2004.

To secure properties for end-of-pipe facilities, more detailed studies are required. The WWFMMP identified opportunities for end-of-pipe facilities at a scoping level. Pending Council's approval of the Master Plan, work will begin on the next stage of implementing individual projects. In accordance with the Class EA process, site specific details for a given end-of-pipe facility will have to be reviewed to determine if the proposed site is suitable, if another type of end-of-pipe facility is required or if the proposed facility must be relocated to another site. Confirmation of sites and the type and final size of the end-of-pipe facility is necessary before the City can proceed with securing properties.

Wet Weather Flow Management Guidelines:

Wet Weather Flow Management Guidelines are necessary to support the policy. The guidelines are intended to document the technical requirements for on-site stormwater quantity and quality control. They will guide the development industry and in-house staff in ensuring that the level of stormwater management control provided in the future is in accordance with the Master Plan.

Pending Council approval of the Policy, a City staff team led by Works and Emergency Services, and including representation from the affected departments: WES, UDS, EDCT and Legal, will develop the Guidelines and By-laws(s) which may be necessary (e.g., construction sediment and erosion control by-law) with a report back to Works Committee in 2004.

Cash-in-lieu Policy Added:

In accordance with the Master Plan, all future development in the City is expected to provide on-site stormwater management controls. However, it is recognized that there may be occasions where site specific constraints may preclude the expected level of stormwater control.

While the WWFMMP Steering Committee considered a Policy to permit cash-in-lieu in these cases, they could not reach a consensus, and consequently the draft Policy submitted in the October 29, 2002 Works Committee report, "Preferred Strategy and 25 Year Implementation Plan for the City of Toronto Wet Weather Flow Management Master Plan", did not include this provision.

Staff has considered the option further and recognizes a need for this provision under extenuating circumstances.

A schedule of fees for a Cash-in-lieu Policy will be developed on a watershed specific basis as part of the WWFM Guideline document. Finally, the WWFM Guidelines will recommend the procedure for calculating the cash-in-lieu sum based on technical principles such as the ratio of the area of imperviousness of the development relative to the total area of imperviousness in the subwatershed, and the degree of mitigation provided by the source control measures proposed for the development both in terms of reduction in annual volume of stormwater runoff and improvements in the stormwater quality from the site. Provision of a cash-in-lieu option for a given development would be subject to approval by the Commissioner of Works and Emergency Services.

As well, the Policy, as amended, has been re-circulated to the staff TIE committee and the Sustainability Roundtable for their information and comment.

Community Outreach:

It is recognized that residents, non-governmental organizations (NGO's) and businesses are valuable assets to support the implementation of the WWFMMP. A Stormwater Pollution Prevention Public Education and Outreach Strategy, prepared as part of the Master Plan process, identified strengthening and enhancing community outreach efforts to residents and businesses as a key activity. The report suggested that outreach be targeted to reach audiences several times and allow partners to 'co-brand' with their own targeted outreach efforts. To this end, it is suggested that funding in the amount of \$250,000.00 per year be made available for community based projects which advance the wet weather flow management targets in the Master Plan. Staff are recommending that this funding be administered by TRCA as they have a watershed based mandate and already work with many of the community based groups who wish to promote activities in support of the Master Plan.

Further, it is proposed that a City interdepartmental team be formed including the TRCA to establish criteria and process for the selection of candidate projects for funding and that a report to Works Committee be prepared on an annual basis documenting the projects funded and financial leveraging provided by other corresponding parties for these projects.

Additional Staff to Implement the WWFM Master Plan:

Additional staff will be required to advance the Class Environmental Assessment process for specific projects identified in the Plan. The additional resources needed to implement these next steps of the WWFMMP represent an increase in the proposed Water and Wastewater Services Operating Budget in 2004 and subsequent years of \$450,000.00.

Conclusions:

The technical study documents for the Wet Weather Flow Management Master Plan have been finalized. The documents and the WWFMMP were filed with the Ontario Ministry of the Environment for the obligatory 30-day public review period.

Comments received during the obligatory 30-day public review period fall into three categories:

- (1) those which have been expressed previously during the public consultation process and which have been considered in developing the WWFMMP which was approved by Council in principle in November 2002;
- (2) those which will be considered at the next stage of plan implementation, where preliminary design and site specific details are assessed; and
- (3) those which consider the priority and scheduling of project implementation, which will be reviewed with the regular Plan updating every five to six years, especially in cases where there may be a higher cost-benefit to the City.

A formal response will be provided to all comments received.

No changes to the WWFMMP which was approved in principle by Council, in November 2002, are required and therefore it is recommended that the Wet Weather Flow Management Master Plan be adopted.

A draft Wet Weather Flow Management Policy to support the implementation of the Plan was received for information by City Council on November 26, 27 and 28, 2002, and circulated to all Community Councils, other City departments, and environmental regulatory agencies for review. All comments received have been addressed and the policy amended to include a provision for cash-in-lieu of providing on-site stormwater management controls for new development sites, in extenuating circumstances. It is recommended that the Wet Weather Flow Management Policy, as amended, be adopted. This will harmonize stormwater policies across the City of Toronto and the former policies of Etobicoke, North York and Toronto will no longer apply. The former City of Scarborough Drainage Policy's technical guidelines will continue to apply until replaced by the future WWFM Guidelines.

A team of City staff will prepare the Wet Weather Flow Management Guidelines and any additional by-law(s) deemed necessary to help implement the Policy.

Community Outreach:

Residents, non-governmental organizations (NGO's) and businesses are valuable assets to support the implementation of the WWFMMP. As part of enhancing community outreach efforts to residents and businesses, it is suggested that funding in the amount of \$250,000.00 be made available for community based projects which advance the wet weather flow management targets in the WWFMMP. It is proposed that the program and funding be administered jointly by the City and TRCA and that they report to Works Committee on an annual basis.

Additional Staff:

Additional staff resources are needed to implement the next steps of the Class Environmental Assessment process for specific projects of the WWFMMP, representing an increase in the Water and Wastewater Services 2004 Operating Budget of \$450,000.00

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(City Council at its meeting on September 22, 23, 24 and 25, 2003, had before it, during consideration of the foregoing Clause, a communication (September 19, 2003) from Lois Griffin, Chair, Humber Watershed Alliance, submitted by Councillor Suzan Hall, Etobicoke North.)

(City Council also had before it, during consideration of the foregoing Clause, a communication (September 22, 2003) from Madeleine McDowell, Chair, Humber Heritage Committee.)