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WATER AND WASTEWATER INFRASTRUCTURE STATUS REPORT

The Transportation and Works Committee recommends:

- 1. The presentation by Debbie Korolnek, General Manager, Water and Wastewater be received; and**
- 2. The recommendations contained in the following report, December 13, 2006, from the Commissioner of Transportation and Works be adopted:**

1. RECOMMENDATIONS

It is recommended that:

1. Staff continue to provide regular updates on the priority projects linked to the release of additional capacity, with the next report to be submitted in April, 2007.
2. Staff continue discussions with the local municipalities with respect to infrastructure completion dates and various planning approvals.
3. The Regional Clerk forward this report to the Clerks of the Municipalities of Vaughan, Markham, Richmond Hill, Aurora, Newmarket, East Gwillimbury, King and Whitchurch-Stouffville.

2. PURPOSE

The purpose of this report is to update Committee and Regional Council on the status and future activities for the priority water and wastewater infrastructure projects required to meet system demands in the short term which have been identified as triggers associated with the release of additional capacity and approvals under the Planning Act.

3. BACKGROUND

In the fall of 2003, staff recognized that continued approval delays with the 16th Avenue Sewer Phase Two project were affecting the Region's ability to continue the release of additional sewage capacity to the local municipalities serviced by the YDSS system. Following these events, a full review of all priority projects, as defined by the water and wastewater master plans, was undertaken. In addition, improvements to the modelling tools available to the Region were being completed, resulting in improved ability to predict system capacities and the effects of the various infrastructure components.

Based on the conclusions of these infrastructure modelling activities, on October 21, 2004, Council approved the release of additional sewage and water capacity to accommodate up to 913,000 people within the YDSS service area. With the release of the additional available capacity, staff also identified the impact of critical infrastructure projects within the YDSS system. In some instances, release of future capacity was contingent on the completion of certain infrastructure projects. Regional Council further directed staff to prepare a protocol for release of future water and wastewater capacity, in consultation with local municipal staff, to meet planned Regional and local municipal growth objectives.

The *Water and Wastewater Capacity and Servicing Assignment Protocol* (as adopted by Regional Council on June 23, 2005 Clause 1 of Report No. 1 of the Joint Transportation and Works and Planning and Economic Development Committees), identified the release of additional servicing capacity to accommodate up to 970,000 people within the YDSS service area, along with associated triggers based on the status of critical infrastructure.

This report provides a status summary of the priority infrastructure projects that are being identified as triggers for release of additional capacity that has been identified through the *Water and Wastewater Capacity and Servicing Assignment Protocol*. This status summary was first reported to Council on June 23, 2005 (*Water and Wastewater Infrastructure Status Report*, Clause 2 of Report No. 1 of the Joint Transportation and Works and Planning and Economic Development Committees) with three subsequent reports to Council on December 15, 2005, April 27, 2006 and September 21, 2006, updating the status of the critical infrastructure projects and impacts to the earliest trigger date for release of allocation. The next update report is scheduled for the April 2007 Council meeting.

4. ANALYSIS AND OPTIONS

The *Water and Wastewater Capacity and Servicing Assignment Protocol*, as contained in Clause 1 of Report No.1 of the Joint Transportation and Works Committee and the Planning and Economic Development Committee, outlined a process for identifying capacity triggers directly tied to specific critical infrastructure projects. These triggers were identified to assist the Region in better controlling two key points:

- Pre-sales of housing where no certainty of infrastructure delivery exists.
- Building permit issuance without infrastructure capacity being available.

The rationale for the selection of the triggers in this report is based on the need for increased certainty that needed infrastructure is completed by the time occupancy is scheduled and is closely linked to the above two control points. The triggers represent a point in time prior to the infrastructure being operational that allows various planning approvals to be issued while considering these control points.

The revised expectations for servicing being in place were therefore established as either of following two criteria:

- Tender award for projects that will take one year or less to complete.
- Or within one year of completion for multi year projects.

These trigger dates would represent the point for either Draft Plan Approval or pre-sales. Further safeguards have been proposed for the planning processes to ensure this is the case and a building permit does not get issued prematurely.

Further work needs to be done in consultation with the local municipalities and the development industry in better defining how the trigger point is linked to the development and approvals process. Planning staff have been conducting ongoing discussions with the local municipalities and reviewing specific applications and circumstances to better link these triggers to planning approvals with the overall objective of avoiding pre-mature occupancies in advance of availability of physical services.

Attachment 1 (Table 1) summarizes the infrastructure that is required to service a population of 970,000, which represents the available treatment capacity. The infrastructure includes both water and wastewater facilities with a detailed status provided in the body of this report.

4.1 Allocation Trigger

Since the last status report update to Council on September 21, 2006, the trigger condition to permit presales for the Towns of Aurora and Newmarket, and the Green Lane West area of East Gwillimbury has been met, with the award of the Aurora Equalization tank contract in October, 2006. Letters were sent to the three municipalities advising them of the above.

The final registration of draft plans and issuance of the building permits will be subject to the next trigger that ties to the completion date of the works. With the anticipation that all required infrastructure for the above areas will be in place by the second quarter of 2008, it is expected that registration can proceed in the fourth quarter of 2007.

The trigger condition to permit presales for the Woodbridge area in Vaughan has also been met, with the completion of the Pine Valley Pumping Station. A letter, advising the City of Vaughan of the above, was sent. Permitting presales in other areas of Vaughan dependent on the Bathurst Langstaff Trunk Sewer is expected to occur in the fourth quarter of 2007, one year prior to the completion of the Bathurst Langstaff Sewer.

As projects are completed, they will be removed from future updates of the Water and Wastewater Infrastructure Status Report. Also, new projects will be added to address servicing requirements for post 2010 development.

5. WATER PROJECTS - STATUS

The priority water projects are defined in the Long Term Water Master Plan Update as projects that have been identified as being required within the five-year horizon to meet imminent demands. The priority projects are listed below and are also presented in *Attachment 2* labelled Priority Water Projects Map.

5.1 Aurora/ Newmarket Feedermain

This project will provide additional water supply to the Towns of Newmarket and Aurora to supplement the well supply from the Yonge Street Aquifer. It will also provide additional supply to North Richmond Hill and increase capacity generally in the York Water System and in East Gwillimbury. Completion of this project will assist in meeting the long term demands due to growth in Richmond Hill, Newmarket, Aurora and East Gwillimbury.

The project consists of five construction contracts:

- Keele Street watermain (Teston to King/Vaughan Road)
- King/Vaughan Road watermain (Keele to Bathurst)
- Bathurst Street watermain (King/Vaughan to Wellington)
- Maple PD8 Pumping Station
- Aurora South Reservoir

5.1.1 Current Project Status/ Milestones

Construction works for the first two contracts (Keele Street and King/Vaughan Road watermain) are complete. Construction for the Bathurst Street watermain is still underway and is scheduled for completion in early 2007.

The Maple Pumping Station contract experienced some delay due to inclement weather and the work is now expected to complete in July 2007.

The most critical contract of the project is the Aurora South reservoir. As part of the site plan approval for the proposed reservoir at Bathurst Street and Bloomington Road, a minor variance application was submitted to the Aurora Committee of Adjustment which was subsequently approved in September 2006. An appeal to the Committee decision was filed; and subsequently withdrawn. To address the appeal related issues, the tender date for the reservoir contract would have to be delayed to January 2007, which in turn will push back the overall project completion date to December 2007.

Key project milestones are as follows:

- Complete property acquisition for the inground reservoir April 2006
- Tender reservoir contract January 2007
(revised from September 2006)
- Complete construction of all works December 2007
(revised from August 2007)

5.2 Bathurst Watermain (Aurora/Newmarket West Connection)

This watermain on Bathurst Street from Orchard Heights Reservoir to the West Newmarket Reservoir will provide additional water supply and system security to both Aurora and Newmarket West Pressure Districts.

5.2.1 Current Project Status/ Milestones

The Class EA and detailed design of the watermain are complete.

- Detailed design completed September 2006
(revised from August 2006)
- Tender December 2006
(revised from November 2006)
- Construction completion November 2007

5.3 Bathurst Watermain (Newmarket Clearmeadow to Woodsprings)

The Bathurst Street watermain in Newmarket's West Pressure District will provide additional water supply to Newmarket's northwest quadrant to meet the growth needs for this area.

5.3.1 Current Project Status/ Milestones

The Class EA and detailed design of the watermain are complete.

- Detailed design completed July 2006
- Tender December 2006
(revised from November 2006)
- Construction completion November 2007

5.4 Queensville Elevated Tank

Construction of a 7.0 ML elevated tank in Queensville will provide equalization, emergency and fire storage to the community.

5.4.1 Current Project Status/ Milestones

The timing for this project will be dictated by the initiation of new development in Queensville and Sharon, which in turn will be subject to the timing of the work for the YDSS Extension to Holland Landing/Queensville/Sharon. The current target completion date for this project is June 2009. (last reported: 2008)

5.5 King City Water Supply

The King City Water Supply Project consists of a 2.74 ML elevated tank and additional water supply from new wells, or other sources, such as the York Water System.

5.5.1 Current Project Status/ Milestones

The Class EA for augmenting the water supply and storage capacity to King City is currently underway and is expected to be complete in March 2007. It is expected that the new water supplies could be in place by the end of 2008. If the preferred solution is based on additional well supplies, then the second well will be in place by 2010.

Locating new well sites has taken a longer time than expected. Several sites have been explored since the start of the groundwater exploration program. To date, only one site has been identified as viable for development into a municipal well, based on preliminary results from a test well. If a connection to the York Water System is considered, the connection could occur in the vicinity of Keele Street and King Road. Key milestones for this project are as follows:

Completion of Class EA	March 2007 (revised from November 2006)
Tender and contract award	December 2007
Completion of construction	December 2008

5.6 Richmond Hill (Oak Ridges) Elevated Tank and Watermain

The 7.55 ML elevated tank will provide equalization, emergency and fire storage to the Pressure District 9 area in Richmond Hill. This is one of the two new elevated tanks needed for the area, with the second one being required by 2011.

5.6.1 Current Project Status/ Milestones

KMK Consultants has been retained for the engineering services required for this project. Work on the Class EA is well underway and will be completed in December 2006. The Class EA is about five months behind schedule as a result of complexities associated with site selections and property acquisition issues. Key milestones for this project are as follows:

• Completion of Class EA	December 2006 (revised from October 2006)
• Tender and contract award	March 2007
• Completion of construction	April 2008

5.7 Stouffville Water Supply

Additional water supply is required for the community of Stouffville to service new development areas. A Class EA has recently been completed identifying connection to the York Water System as the preferred solution.

5.7.1 Current Project Status/ Milestones

The Class EA was filed for the 30-day public review on March 9, 2006. There was one Part II Order request which is being reviewed by the MOE. It is expected that the Order will not be granted based on the arguments posed by the requestor, namely that Lake Ontario water supply is not suitable for consumption. Design of the proposed water supply works has been initiated. To reflect that longer time is needed to design the proposed pumping station, the date for the completion of detailed design is being updated to summer 2007 (last reported: spring 2007). Key milestones for this project are as follows:

- Completion of Class EA April 2006
- Completion of detailed design Summer 2007
(revised from spring 2007)
- Completion of construction Fall 2008

5.8 Toronto East Water Supply

The Toronto East Water Supply Project is required to bring additional water to the Markham Pressure District 6 area from Toronto to meet the long term demands from growth in areas serviced by the Lake Ontario-based York Water System. The Class EA for this project will be delivered by the City of Toronto in accordance with the York-Toronto Water Supply Agreement.

As part of the project, a new watermain along Kennedy Road from Kennedy Pumping Station to Major Mackenzie Road is required. While construction of the works will be carried out by York Region, the Class EA is conducted by the City of Toronto. MacViro Consultants has been retained for the Class EA services for this project

5.8.1 Current Project Status/ Milestones

The Class EA for the Kennedy Road watermain is currently underway. Key milestones for this project are as follows:

- Class Environmental Assessment completed January 2007
- Detailed design completed March 2008
- Tender and contract award July 2008
- Construction completion December 2010

6. WASTEWATER PROJECTS STATUS

This section provides a status of the priority projects with a brief description of the project, the current project status, current issues affecting project progress and future activities.

These projects are defined in the YDSS Master Plan and identified as being required within the five-year horizon to meet future demands. The following priority projects are

presented by location in *Attachment 3 – Priority Wastewater Projects Map*. The projects identified as “critical” are those for which any further delays will result in unacceptable risks of overflow.

6.1 Newmarket Equalization Tank

The Newmarket Equalization tank is required to allow detention of wet weather flows at the existing Newmarket Sewage Pumping Station site. Providing flow equalization at this location expands the service capacity of the pumping station by buffering wet weather-derived peak flows to the pumping station. This tank is required to service the existing community of Newmarket based on peak flows that could be experienced in this system and will also aid in minimizing downstream capacity risks until the diversion to the 16th Avenue sewer is completed. In the medium time horizon, this tank will prolong the service capacity of the pumping station which may influence the timing for a required extension of the Leslie Street sewer north.

6.1.1 Current Project Status/ Milestones

The construction contract for the Newmarket equalization tank was awarded in November 2005, and construction will be completed in August 2007 (last reported May 2007).

Key milestones associated with this project are as follows:

- Complete construction

August 2007
(revised from May 2007)

6.2 Aurora Equalization Tank

The Aurora equalization tank is required to allow detention of wet weather flows at the existing Aurora Sewage Pumping Station site. Providing flow equalization at this location expands the service capacity of the pumping station by buffering wet weather peak flows to the pumping station. Similar to the Newmarket situation, this tank will also provide additional capacity to Aurora and will aid in minimizing downstream capacity risks. In the medium time horizon, this tank will prolong the service capacity of the pumping station which will influence the timing for a required extension of the Leslie Street sewer north.

6.2.1 Current Project Status/ Milestones

The project is in the tender phase. The Schedule “B” Class Environmental Assessment document was filed in September 2005.

The Region has secured the Certificate of Approval from the MOE. Requirement for a Permit to Take Water is not anticipated as the design and construction approach will be based on minimizing, and as much as possible, eliminating any construction dewatering.

Key milestones for the project are as follows:

- Award of construction contract October 2006
- Initiation of construction November 2006
(revised from October 2006)
- Completion of construction May 2008
(revised from March 2008)

6.3 16th Avenue Sewer Phase 2 *CRITICAL PROJECT*

Phase 2 of the 16th Avenue trunk sewer is needed to service development areas in Markham and to provide the phased completion of the system along 16th Avenue. The 16th Avenue trunk will convey sewage from existing and future developments in the north areas of the Region from the Leslie Street trunk sewer to the existing 9th Line trunk sewer. The benefiting areas include East Gwillimbury, Newmarket, Aurora, Richmond Hill, King and Markham. Vaughan will indirectly benefit from the diversion of flows in the existing YDSS thereby allowing increased flows from Vaughan.

6.3.1 Current Project Status/ Milestones

All tunnelling is completed along 16th Avenue. The tunnelled sections are currently being lined with concrete. The project is on schedule for completion. Key milestones for this project are as follows:

- Completion of construction April 2007

6.4 YDSS Interceptor Sewer *CRITICAL PROJECT*

The Lower Leslie trunk and the YDSS Interceptor are intended to work together to service new development in Richmond Hill, Aurora, Newmarket, East Gwillimbury and King to provide relief to the existing YDSS through critical sections in Richmond Hill south of 19th Avenue.

6.4.1 Current Project Status/ Milestones

The construction of this sewer has been divided into two contracts: the 19th Avenue tunnelling section and the Leslie Street open-cut section. Both contracts have been awarded. The team has secured the necessary regulatory approvals, including the Permit to Take Water (July 14, 2006) and the Certificates of Approval from the MOE.

Leslie Street Section

Key Milestones for this section of the project are as follows:

- Complete construction of sewer December 2007

19th Avenue Section

The tunnel portions of the 19th Avenue section will be done by Earth Pressure Balance Machine (EPBM) tunnelling. The contract was awarded in July 2006, and construction is underway. Key milestones for this project are as follows:

- Complete construction of sewer January 2008

6.5 Southeast Collector *CRITICAL PROJECT*

The Southeast Collector is required to provide additional capacity to the existing YDSS trunk sewer through parts of Markham, Scarborough and Pickering. The need for this sewer is driven by growth in all municipalities serviced by the YDSS and a desirable operational opportunity afforded by redundancy (i.e. the opportunity to thoroughly investigate/rehabilitate the existing sewer).

6.5.1 Current Project Status/ Milestones

The Individual Environmental Assessment (IEA) for this project has been initiated. The Terms of Reference were submitted in July 2005 and approved by the MOE on March 1, 2006, a five-month delay from the Minister's October 5, 2005 deadline as stipulated in O. Reg 616/02.

York and Durham Regions are co-proponents for the undertaking. The two Regions have continued data collection within the study area to inventory the natural environment and accumulate base line data. The project now includes the section from the boundary meter to Valley Farm Road in Pickering. The public consultation program for the IEA has been initiated. Submission of the IEA is scheduled for June 2007. In consideration that the MOE will require seven months to review, the expected date for MOE approval is January 2008 (last report: Nov 2007). Key milestones for the Individual EA are as follows:

- Submission of the IEA to MOE June 2007
- Expected MOE approval of the IEA January 2008
(revised from November 2007)
- Construction completed December 2010

6.6 Duffin Creek Water Pollution Control Plant *CRITICAL PROJECT*

Expansion of Duffin Creek WPCP is required to provide additional capacity to serve growth in all municipalities serviced by the YDSS. The expansion will also provide upgrades required to meet evolving environmental standards. The existing facility was planned, from the outset, to be expanded to at least twice its current capacity.

6.6.1 Current Project Status/ Milestones

Subsequent to the filing of the Environmental Study Report (ESR) for the obligatory 30-day public review on September 22, 2006, the Town of Ajax and two environmental groups have filed Part II Order requests (generally referred to as a "bump-up"). A detailed response was filed by the Region on November 21, 2006. Under the Municipal

Class EA process, the MOE Environmental Assessment and Approvals Branch has 45 days after the 30-day public review period to review the Part II Order request and prepare a report for the Minister's consideration, and the Minister will within 21 days make a decision on the matter. Assuming the Minister's timely ruling on the Part II Order as discussed above, a decision on the merits of the Part II Order request could come as early as December 28, 2006.

The project is a joint undertaking with The Regional Municipality of Durham. The two Regions have secured the Engineering consultant team for all subsequent phases of the project. This will enable the two Regions to expedite the project phases and ensure an uninterrupted transition to the preliminary and detailed design phases upon approval of the Class EA. The preliminary design phase was initiated in June 2005.

This phase of the expansion will increase the capacity of the plant to 630 ML/day and will also include three new incineration units. Project design and construction activities will be phased into appropriate packages to facilitate creation of additional treatment capacity as early as possible. Key milestones for the project are as follows:

- | | |
|--|----------------|
| • ESR filed for review | September 2006 |
| • Expected EA approval (assuming the Minister rules on the Part II order requests within the legislated timelines) | December 2006 |
| • Certificate of Approval and first tender award | March 2007 |
| • Construction completed | December 2010 |

6.7 Peel Wastewater Diversion

The Peel Diversion will service the Woodbridge area of Vaughan. This diversion will alleviate constraints downstream of the Humber pumping station in the existing YDSS and will benefit the remaining service areas of the YDSS through the diversion of flows that would otherwise flow east towards Markham.

6.7.1 Current Project Status/ Milestones

In the last report, it was expected that diversion would commence in September 2006, upon resolving the operational issues with Peel Region pertaining to low flow during the initial stages of the diversion. Since the last report, York Region and Peel Region had agreed upon the initial quantity of sewage to be diverted to Peel. Commissioning of diversion was delayed, however, to December to permit lining of some sections of trunk sewer downstream of the forcemain and odour control facility to address concerns over high levels of hydrogen sulphide, caused by long sewage retention time in the forcemain. It is expected that the above work will be completed by December and commissioning of the diversion will commence immediately after.

Key project milestones are as follows:

- Commission system and initiate flow diversion December 2006
(revised from September 2006)

6.8 Bathurst Langstaff Sewer

The Bathurst Collector and the Langstaff sewers are required to provide additional capacity to Vaughan. These sewers are proceeding under a pre-payment of development charges credit agreement, and release of additional capacity for these developments is contingent on the completion of these sewers and other required infrastructure.

6.8.1 Current Project Status/ Milestones

This is a design-build project managed by the Region and financed by a group of developers through the pre-payment of development charges. Council approved the award of the design-build contract in December 2005, subject to receipt of funding from the developer group. The funding was received and the contract was awarded in March 2006.

The MOE issued the PTTW for contingency dewatering associated with the project. Key project milestones are as follows:

- Completion October 2008

6.9 Pine Valley Pumping Station

The Pine Valley Pumping Station is a new pumping station located within the Boyd Conservation Area on Pine Valley Drive, north of Langstaff Road. This station is required to service Blocks 38, 39, and 40 in the City of Vaughan and is subject to a prepaid development charge agreement. The works consist of the pumping station, an associated forcemain, and a sanitary sewer.

6.9.1 Current Project Status/ Milestones

The work was completed in October 2006.

6.10 Queensville/Holland Landing Servicing

The Queensville/Holland Landing servicing proposal will provide servicing to the communities of Sharon, Queensville and Holland Landing as well as divert flow from the existing Holland Landing Sewage Lagoons. This servicing is being considered through an agreement with a development group. It is proposed that the development group deliver all phases of the project on behalf of the Region, subject to Regional Council approval.

6.10.1 Current Project Status/ Milestones

At its May 2005 meeting, Council adopted recommendations to proceed with the review of the Class Environmental Assessment (EA) for this project as a first step in implementing the Project Delivery Proposal submitted by the Developer Group. The

review of the Class EA is underway, in order to meet the conditions outlined by the Minister of the Environment in October 2004.

As part of the servicing needs for these communities, and as required by the Ministry of Environment conditions, the Class EA will assess the servicing needs for these communities and will include an assessment of the potential to service this area within the Lake Simcoe Basin (completely or partially).

Timing of this project will be dependent on the outcome of the review of the Class EA and the execution of the prepaid development charge credit agreement. Preliminary dates indicate:

- Completion of Class EA February 2007
(revised from December 2006)
- Completion of detailed design December 2007
(revised from summer 2007)
- Construction completion Fall 2009

7. FINANCIAL IMPLICATIONS

A summary of the costs of the priority infrastructure projects is provided in Table 1 (water projects) and Table 2 (wastewater projects). The total cost of these projects is approximately \$1.1 billion. The estimated expenditures of these projects between 2007 and 2010 total \$ 0.85 billion, representing 55% of the overall water and wastewater capital expenditures of the same period.

Table 1
Water Projects

Project	Current Project Cost Estimates	Anticipated Completion Dates
Aurora/Newmarket Water Supply	\$61,000,000	December 2007
Bathurst Watermain (Orchard Heights Reservoir to Newmarket Reservoir)	2,700,000	November 2007
Bathurst Watermain (Clearmeadow to Woodsprings)	1,900,000	November 2007
Queensville Elevated Tank	5,000,000	June 2009

King City Water Supply	11,200,000	December 2008
Richmond Hill 1 st PD9 Elevated Tank and Watermain	6,800,000	April 2008
Stouffville Water Supply	6,400,000	Fall 2008
Toronto East Water Supply	16,900,000	December 2010
Total Water Projects	\$111,900,000	

Table 2
Wastewater Projects

Project	Current Project Cost Estimates	Anticipated Completion Dates
Newmarket Equalization Tank	\$10,300,000	August 2007
Aurora Equalization Tank	16,000,000	May 2008
16 th Avenue Sewer Phase 2	101,500,000	April 2007
YDSS Interceptor (19 th Avenue and Leslie Street)	107,300,000	January 2008
Southeast Collector	249,000,000	December 2010
Duffin Creek Water Pollution Control Plant	370,000,000	December 2010
Peel Wastewater Diversion	44,000,000	December 2006
Bathurst Langstaff Sewer	95,000,000	October 2008
Pine Valley Pumping Station	10,700,000	October 2006
Queensville/Holland Landing Servicing	14,900,000	Fall 2009
Total Wastewater Projects	\$1,018,700,000	

8. LOCAL MUNICIPAL IMPACT

The priority projects reviewed in this report are critical in providing timely servicing capacity to the municipalities serviced by the York Durham Sewage System and the York Water System. The capacity is necessary to meet growth expectations while maintaining a desirable level of environmental and public health protection.

Release of additional capacity, as outlined in the Water and Wastewater Capacity and Servicing Assignment Protocol in June 2005, is contingent on all of these projects being completed as planned. These projects will be continually monitored to ensure that the risk of delay is minimized and that capacity will be available as planned. Staff will continue to work closely with the local municipalities affected by this infrastructure program to ensure that impacts to planned community growth are minimized to the extent possible considering the constraints created by these priority projects.

9. CONCLUSION

The “priority” and “critical” projects identified in this report are necessary to ensuring that water and wastewater capacity for projected demands is made available as needed.

Completion of these projects is tied to the release of additional capacity. This report, in conjunction with the Capacity and Servicing Assignment Protocol report of June 2005, provide Council with a status of these priority projects and their relationship to increases in servicing capacity to the municipalities.

For more information on this report contact Tracey McLean, extension 5095, Acting Manager, Technical Support, of the Water and Wastewater Branch in the Transportation and Works Department.

The Senior Management Group has reviewed this report.

(The attachments referred to in this clause are attached to this report.)