

**8. SECTION II - ITEMS FOR EXECUTIVE ACTION**

<b>8.1</b>	<b>ERRATA UPDATE SHEET</b>	<b>33</b>
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**NEW PERMITS**  
**TOWN OF AJAX**

**8.1.12 TOWN OF AJAX/PICOV DOWNS**

To alter a waterway, construct in a flood plain on Part Lot 1, 2, Concession 2 , (Highway 2 at Carruthers Creek), in the Town of Ajax, Carruthers Creek Watershed as located on the property owned by Picov Downs.

**34-35**

**CITY OF PICKERING**

**8.1.14 711053 ONTARIO INC./562503 ONTARIO LIMITED**

To alter a waterway, place fill within a regulated area on (Balsam Road), in the City of Pickering, Carruthers Creek Watershed as located on the property owned by 711053 Ontario Inc./562503 Ontario Limited.

**35-37**

**CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)**

**8.1.15 SHAWN MARK**

To construct in a flood plain, place fill within a regulated area on Lot 46, Plan 2142, (78 Humber Boulevard), in the City of Toronto (Etobicoke York Community Council Area), Humber River Watershed as located on the property owned by Shawn Mark.

**37-39**

**ITEMS 8.2 & 8.3 - NEW ITEMS**

<b>8.2</b>	<b>HYDROGEOLOGICAL CONSULTANT SERVICES FOR SOURCE PROTECTION PLANNING</b>	<b>40-41</b>
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<b>8.3</b>	<b>SHOREPLAN ENGINEERING LIMITED - CONTRACT EXTENSION</b>	<b>42-43</b>
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## **8.1 APPLICATION FOR PERMITS UNDER ONTARIO REGULATION 158 Fill, Construction and Alteration to Waterways**

Information has been received and reviewed by staff for the following Scheduled Errata items. The recommendations within the staff reports should be amended to include the following:

### **8.1.2 CITY OF TORONTO - WORKS AND EMERGENCY SERVICES**

- Drawing No. 1, Mimico Creek, Watermain Repair, dated Oct. 2004, received January 31, 2005, prepared by JSW
- Drawing No. R -1, Mimico Creek, Restoration Plan, dated Dec. 2004, received January 31, 2005, prepared by JSW

### **8.1.3 WESTON ESTATES MANAGEMENT INC. (EELCO LENTING)**

- Drawing 1, Plan and Existing Sections, prepared by Trow Associates Inc., revised January 27, 2005, received January 31, 2005
- Drawing 2, Sections, prepared by Trow Associates Inc., revised January 27, 2005, received January 31, 2005
- Drawing 3, Landscaping Details, prepared by Trow Associates Inc., revised January 27, 2005, received January 31, 2005

### **8.1.4 THE NATIONAL GOLF COURSE OF CANADA**

- Letter of Undertaking from R.J. Burnside, dated January 20, 2005, stating that all TRCA comments will be addressed prior to permit issuance

### **8.1.5 VELLORE PARK COMMUNITY LANDOWNERS GROUP**

- Letter of Undertaking from URS Canada Inc., dated January 26, 2005, stating that all TRCA comments will be addressed prior to permit issuance

### **8.1.6 BORDEAUX DEVELOPMENTS**

- Phase 1 Development, King David, Stormwater Management Plan Design Brief, Project No. 33015120, revised as received in January 2005

### **8.1.7 BOX GROVE HILL DEVELOPMENT INC.**

- Stormwater Management Ponds 3 and 4 Design Brief, prepared for Box Grove Hill Developments Inc. prepared by Stantec Consulting Ltd. dated August 2004 and revised as received on January 13th, 2005.
- Landscape Planting Details Drawing Nos SWM-1, SWM-2 and SWM-3 prepared by NAK Design revised as received on December 24th, 2004.

### **8.1.8 TOWN OF RICHMOND HILL**

- Sanitary Relief Sewer, Plan And Profile, Sheet No. 3 of 7, dated January 2005, received January 18, 2005
- Sanitary Relief Sewer, Plan And Profile, Sheet No. 6 of 7, dated January 2005, received January 18, 2005
- Sanitary Relief Sewer, Sections And Details, Sheet No. 7 of 7, dated January 2005, received January 18, 2005

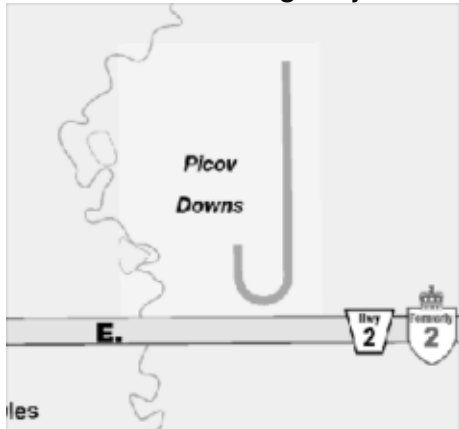
## TOWN OF AJAX

### 8.1.12 TOWN OF AJAX/PICOV DOWNS

To alter a waterway, construct in a flood plain on Part Lot 1, 2, Concession 2 , (Highway 2 at Carruthers Creek), in the Town of Ajax, Carruthers Creek Watershed as located on the property owned by Picov Downs.

The purpose is to construct a stormwater management facility and outlet within the Regional Storm Floodplain for the Carruthers Creek in the Town of Ajax.

#### LOCATION MAP: Highway 2 at Carruthers Creek



The permit will be issued for the period of February 4, 2005 to February 3, 2007 in accordance with the following documents and plans which form part of this permit:

- **Kingston Road East and Carruthers Creek Stormwater Management Pond Details Drawing Nos. P-201, P-202, ER-202, ER-203, SWM-201, SWM 202, Project No. 03055, prepared by G.M. Sernas as received on January 21st, 2005.**

#### RATIONALE

The application was reviewed by staff on the basis of the following information:

##### Proposal:

The applicant proposes to construct an interim stormwater management pond and outlet within the Regional Storm Floodplain for the Carruthers Creek in the Town of Ajax. The stormwater management pond is proposed in the centre of the existing Picov Downs horse racetrack facility which is an existing historical use within the floodplain. The existing track and proposed pond is within an ill defined stream corridor and beyond the erosion impact zone of the watercourse. The pond is required as part of the servicing scheme for a new north south roadway which is outside of the regulated area. The roadway is required to service a future casino operation on the Picov Downs Lands. The applicant requires the construction of the stormwater management facility in the next month in order to meet commitments by Picov Downs to have the existing racetrack operational by April 1st, 2005. A future site plan is anticipated for the casino operation and associated parking. At that time TRCA staff will review a proposal for the ultimate pond facility and the relocation of the racetrack. As part of the future site plan, the racetrack is planned to be located beyond the floodplain and the Carruthers Creek stream corridor will be restored.

Control of Flooding:

The pond will be located beyond the hydraulic floodway for the Carruthers Creek and is designed to not impact the control of flooding. The pond will exclude the creation of berms or above grade impediments to flood flows. As a result TRCA staff are satisfied that the works will not impact the control of flooding.

Pollution:

Sediment fencing will be erected at the perimeter of the work site and between the watercourse and the proposed facility and remain in place for the duration of the works. The outlet will be sufficiently setback from the watercourse and flows from the pond will be allowed to sheet flow to the low flow channel. Sediment fencing will also be placed at the outlet location during the construction period.

Conservation of Land:

The works are within an existing racetrack facility and on a portion of a wide stream corridor which is currently manicured. A part of the continued development of the casino and race track operations the stream corridor will be enhanced and additional setbacks will be provided from the watercourse. The existing race track operation and all associated uses (ie. horse preparation areas) will be removed from the floodplain and the area will be allowed to regenerate.

*Plantings*

The applicant has provided a restoration plan for the interim works and a concept plan for the future regeneration of the valley which includes the planting of native riparian vegetation. A separate permit will be required for the ultimate facility and at that time, staff will ensure that extensive planting of the valley will be conducted.

Policy Guidelines:

The works are in compliance with Section 4.3 Infrastructure and Servicing of the Authority's Valley and Stream Corridor Management Program. The works do not require Fisheries and Oceans Canada (DFO) approval as the works do not constitute a HADD.

**CFN: 34896 - Application #: 461/03/AJAX**  
**Report Prepared by: Russel White, extension 5306**  
**For information contact: Russel White, extension 5306**  
**Date: February 2, 2005**

**CITY OF PICKERING**

**8.1.14**            **711053 ONTARIO INC./562503 ONTARIO LIMITED**  
To alter a waterway, place fill within a regulated area on (Balsam Road), in the City of Pickering, Carruthers Creek Watershed as located on the property owned by 711053 Ontario Inc./562503 Ontario Limited.

The purpose is to alter and restore watercourse in order to allow for the construction of an executive lot residential subdivision on a closed gravel pit in the City of Pickering.

## LOCATION MAP: Balsam Road



The permit will be issued for the period of February 4, 2005 to February 3, 2010 in accordance with the following documents and plans which form part of this permit:

- **Channel Recreation Details Drawing Nos. D1,D2,D3,D4,D5,D6,D7,D8,D9,D10,D11,D12 and D13, Project No. 022074, prepared by Henry Kortikaas and Associates and Parish Geomorphic, revised as received on November 19th, 2004.**
- **Site Conditions Floodplain Mapping and related details Drawing Nos. FP-1, FP-2,FP-3, and FP-4, Project No. 101010, prepared by D.G. Biddle and Associates Limited, revised as received on November 19th, 2004.**
- **Lot Grading and Servicing Details Drawing Nos. D1,D2,D3,D4,D5, LG-1, LG-2, LG-3, LG-4, LG-5, LG-6 C1, C2, C3, Project No 101010, prepared by D.G. Biddle and Associates Limited revised as received on November 19th, 2004.**

## RATIONALE

The application was reviewed by staff on the basis of the following information:

### Proposal:

The applicant proposes to alter and restore a watercourse as part of the construction of an executive lot residential subdivision on a closed gravel pit in the City of Pickering. As part of the works there will also be an improvement to an existing culvert crossing at Balsam Road and the construction of a crossing of the recreated watercourse block. The works are associated with a draft approved plan of subdivision within the rural area of Pickering at Balsam Road south of Highway 7. The site was originally utilized for gravel extraction and as part of the extraction operations, the watercourse was reconfigured several times. The proposal will result in the recreation of the watercourse feature within an open space block within the plan of subdivision. The open space block will be turned over to public ownership once the works are completed to the satisfaction of the Town and TRCA staff. The watercourse is being restored in accordance with natural channel design principles and the open space block has been designed to allow for the conveyance of flood flows during a Regional Storm event. The works will vastly improve the current condition of the watercourse and will allow for the creation of a vegetated riparian zone.

Control of Flooding:

The watercourse and open space block has been designed to convey the flood flows during a Regional Storm event with no off-site impacts. As a result there will be no impacts to the control of flooding.

Pollution:

The new watercourse will be constructed and stabilized prior to the transfer of flows from the current channel alignment. This will allow for the works to be constructed in the dry and reduce the possibility for sediment transport downstream. In addition rock check dams will be placed at strategic locations along the project, a temporary sediment basin will be constructed and silt fencing will be placed at the perimeter of the work site. The culvert replacement at Balsam Road will also be conducted in the dry.

Conservation of Land:

The reconfigured watercourse will have a positive impact on the conservation of land as the existing watercourse is in a degraded condition with little riparian cover. The new channel will be constructed using natural channel design principles. A vegetated riparian zone will be established in accordance with detailed planting plans provided by the applicant and accepted by TRCA staff. The works will also allow for improvements to fisheries habitat within this tributary reach.

*Plantings*

The applicant proposes to conduct extensive planting of native species along the reach of the remedial works including the planting of the entire open space block to the satisfaction of TRCA staff.

Policy Guidelines:

The works are in compliance with Section 5, "Policies and Criteria for TRCA Valley Regeneration Projects" which promote remedial works for flood control, erosion protection and corridor rehabilitation. The works also constitute a Harmful Alteration, Disruption, and Destruction to Fish Habitat (HADD) and as a result, Fisheries and Oceans Canada (DFO) approval is required. Approval is also required from the Ministry of Natural Resources (MNR) under the Lakes and Rivers Improvement Act. TRCA staff have coordinated several meetings with all agencies and are satisfied that the approval of this permit is consistent with the pending approvals by DFO and MNR.

**CFN: 35306 - Application #: 110/04/PICK**

**Report Prepared by: Russel White, extension 5306**

**For information contact: Russel White, extension 5306**

**Date: February 2, 2005**

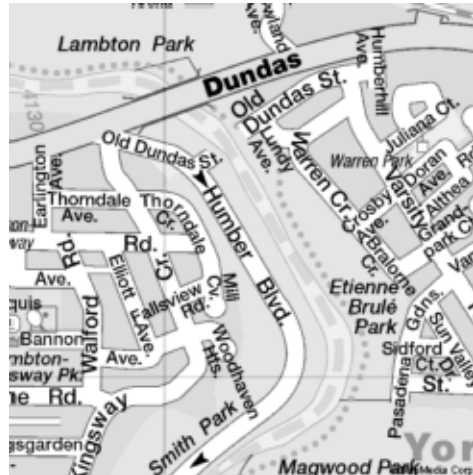
**CITY OF TORONTO (ETOBICOKE YORK COMMUNITY COUNCIL AREA)**

**8.1.15 SHAWN MARK**

To construct in a flood plain, place fill within a regulated area on Lot 46, Plan 2142, (78 Humber Boulevard), in the City of Toronto (Etobicoke York Community Council Area), Humber River Watershed as located on the property owned by Shawn Mark.

The purpose is to construct a two-storey addition onto the existing dwelling. The subject property is within a Regional Storm Floodplain of the Humber River which is located within the Rockcliffe Special Policy Area (SPA).

**LOCATION MAP: 78 Humber Boulevard**



The permit will be issued for the period of February 4, 2005 to February 3, 2007 in accordance with the following documents and plans which form part of this permit:

- **Drawing No. 1, Site Plan; Drawing No. 4, 2nd Storey Floor Plan; Drawing No. 5, Section Plans; Drawing No. 5A, Elevation Plan; Drawing No. 6, West Elevation Plan; Drawing No. 7, East Elevation Plans, prepared by Art Design and Construction Ltd., received October 22, 2004.**
- **Letter of Opinion which states that the proposed dwelling and new addition will withstand depths and velocities in the event of a flood, prepared by Ray Kurkjian, P. Eng., dated January 5, 2005, received January 31, 2005.**

**RATIONALE**

The application was reviewed by staff on the basis of the following information:

Proposal:

The proposal is to construct a new two storey addition onto the existing dwelling. The subject property is located within the Regional Storm Floodplain of the Humber River, in the Rockcliffe Special Policy Area (SPA). The subject property is west of Black Creek Drive and south of Eglinton Avenue West.

Control of Flooding:

The proposed two-storey addition will meet flood proofing requirements as recommended by TRCA engineering staff.

Pollution:

The subject property is not located adjacent to a valley or ravine and therefore sediment controls are not necessary for this project.

Conservation of Land:

There are no geo-technical issues associated with this project. There will be no impact on fisheries, significant natural features or riparian vegetation.

*Plantings*

Plantings are not required as part of this application.

Policy Guidelines:

The proposal is consistent with Section 4.2.1.(B) - Development Guidelines for Development/Redevelopment within Designated Two Zone Areas or Special Policy Areas - of this Authority's Valley and Stream Corridor Management Plan.

**CFN: 35926 - Application #: 412/04/TOR**

**Report Prepared by: Annemarie Sanchez, extension 5284**

**For information contact: Steve Heuchert, extension 5311**

**Date: January 5, 2005**

**TO:** Chair and Members of the Executive Committee  
Meeting #13/04, February 4, 2005

**FROM:** Catherine MacEwen, Manager, Human Resources and Safety

**RE: HYDROGEOLOGICAL CONSULTANT SERVICES FOR SOURCE  
PROTECTION PLANNING**

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**KEY ISSUE**

Sole source hiring of consultant for hydrogeological consultant services for Source Protection Planning.

**RECOMMENDATION**

**WHEREAS Dr. Rick Gerber, Geologist, Gerber Geosciences Inc., has extensive local expertise in groundwater modelling, regional hydrogeological interpretation and the preparation of water budgets;**

**WHEREAS the Toronto and Region Conservation Authority (TRCA) has a specific need for updating and expanding the existing geologic and three dimensional groundwater flow models to meet the province's requirements for Source Protection Planning;**

**AND WHEREAS the province has committed to funding Source Protection Planning in the CTC (Credit Valley Conservation Authority, Toronto and Region Conservation Authority and Central Lake Ontario Conservation Authority) Watershed Region to July 31, 2005;**

**THEREFORE LET IT BE RESOLVED THAT the firm of Gerber Geosciences Inc. be retained to provide hydrogeological consulting services until July 31, 2005 at a rate of \$135 per hour with an upset limit of \$70,000, including GST.**

**BACKGROUND**

The Province of Ontario has committed to funding conservation authorities for the preparation of Source Protection Plans (SPPs). In particular, the conservation authorities that comprise the CTC Watershed Region (Credit Valley Conservation Authority, Toronto and Region Conservation Authority and Central Lake Ontario Conservation Authority) will receive approximately \$682,000 in start-up funding for "coordination and administration of partnership capacity building projects", which will include the following activities:

- preparation of preliminary water budgets;
- capacity building and communications;
- preliminary watershed characterization; and
- workplan development.

To meet the province's requirements by July 31, 2005, TRCA requires a hydrogeological expert to:

- Create a preliminary water budget estimate and guiding principles for CTC region watersheds.

- Create a preliminary watershed characterization including identification of immediate threats, any data gaps, existing water use, etc..
- Create a detailed workplan and budget for 2005 and 2006.
- Lead the Source Protection Technical Committee with respect to provincial regulation compliance in the development of SPP workplans and budgets for the CTC region watersheds.

The CTC project manager will be responsible for the capacity building and communications accountabilities, including the establishment of the committee structure, public consultation, project management activities and the workshops, etc., and will work closely with Dr. Gerber on all issues.

For the past twelve years, Dr. Gerber has been conducting research on groundwater in the Greater Toronto Area, and he is a recognized expert in the field of hydrogeology. His knowledge and objectivity cannot be matched by other private sector consultants at equivalent rates. The TRCA also has limited time to meet the province's requirements. Therefore, we have a need to continue our relationship with Dr. Gerber to complete the above tasks.

#### **FINANCIAL DETAILS**

The upset limit for this contract will be \$70,000, including GST. This amount will be covered through the provincial funding for source protection planning in the CTC Watershed Region.

**Report prepared by: Catherine MacEwen, extension 5219**

**For Information contact: Catherine MacEwen, extension 5219**

**Brian Denney, extension 6290**

**Date: January 31, 2005**

**TO:** Chair and Members of the Executive Committee  
Meeting #13/04, February 4, 2005

**FROM:** Adele Freeman, Director, Watershed Management

**RE: SHOREPLAN ENGINEERING LIMITED - CONTRACT EXTENSION**

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**KEY ISSUE**

Compensation of additional works to complete Phase 2: Final Design Drawings and Phase 2A: Additional Work-Boardwalk at East Sector of the Mimico Waterfront Linear Park Project to address requirements of approval agencies.

**RECOMMENDATION**

**THAT Shoreplan Engineering Limited be compensated for additional expenses in the amount of \$18,600.00 exclusive of GST to complete Phase 2: Final Design Drawings and Phase 2A: Additional Work-Boardwalk at East Sector of the Mimico Waterfront Linear Park Project;**

**AND FURTHER THAT this communication be forwarded to the Toronto Waterfront Revitalization Corporation for approval further to conditions of the Delivery Agreement for major contracts.**

**BACKGROUND**

In 2001, through a competitive process, Shoreplan Engineering Limited was retained to complete a detailed coastal analysis and detailed design for shoreline improvements along the Mimico waterfront from Grand Harbour to Norris Crescent Parkette. The Mimico Waterfront Linear Park Project is funded by the Toronto Waterfront Revitalization Corporation as a Strategic Project.

In April, 2001, Shoreplan Engineering Limited initiated Phase 1: Study Design of the Mimico Waterfront Linear Park Study. Approval for this work was received at Executive Committee Meeting #14/00, held on February 2, 2001, with the adoption of Resolution #B214/00 (Phase 1-\$52,000 and Phase 2-\$14,000) and Executive Committee Meeting #8/03, held on September 5, 2003, with the adoption of Resolution #B128/03 (\$4,500). In June 2003, Shoreplan Engineering Limited submitted the final report for Phase 1, Mimico Waterfront Linear Park Study – Coastal Components.

An additional piece of work was undertaken to address federal requirements including coastal modeling and viability of fish habitat design. Approval for this work was received at Executive Committee Meeting #1/04 held on February 6, 2004, with the adoption of Resolution #B18/04 (\$20,000). The modeling and subsequent preliminary design drawings produced were included in the federal screening report under section 20(1) of the Canadian Environmental Assessment Act (CEAA). On December 12, 2004, the Toronto and Region Conservation Authority (TRCA) received approval under the CEAA to proceed with implementation of the project. The combined value for Phase 1 and the additional work was \$64,768.60.

## **RATIONALE**

Shoreplan Engineering Limited submitted a proposal for Phase 1 and Phase 2 of the Mimico project in 2001. Phase 1 of the project was completed in April, 2001. Phase 2 activities include the preparation of detailed drawings and specifications based on the final design concept. These detailed drawings are required to implement the project and will be used in the submission of applications for approval under the federal Fisheries Act and the Navigable Waters Protection Act. The cost to complete the Phase 2: Final Design Drawings was approved at Executive Committee Meeting #14/00, held on February 2, 2001, with the adoption of Resolution #B214/00 (Phase 2-\$14,000).

Following the receipt of federal environmental assessment approval in December, 2004, Shoreplan Engineering Limited submitted a revised Phase 2 – Detailed Design Drawings. The proposal included a revised budget detailing the increased rate for services reflective of the number of years which have elapsed from the date of the proposal to the date of execution of the work -- a period of four years. The revised cost estimate to complete Phase 2 is \$18,500 exclusive of GST.

Based on the final shoreline design, TRCA staff identified the need for additional construction drawings related to the shoreline configuration, specifically, the boardwalk section of the east sector of the project. As Shoreplan Engineering Limited would be preparing the balance of the shoreline construction drawings, TRCA staff requested that Shoreplan Engineering Limited provide a cost estimate to complete the additional works. The cost estimate to complete Phase 2A: Additional Work, Boardwalk at East Sector is \$14,100 excluding GST.

## **FINANCIAL DETAILS**

The Mimico Waterfront Linear Park Project is funded by the Toronto Waterfront Revitalization Corporation as a Strategic Project. The budget for the project is \$6.5 million. The necessary funding for this expenditure is available under Account #206-10.

**Report prepared by: Connie Pinto, extension 5387**

**For Information contact: Nancy Gaffney, extension 5313**

**Date: February 01, 2005**