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North West Community Council
April 27, 2006

TO: Chairman and Members of North West Community Council

SUBMITTED BY:

A handwritten signature in black ink, appearing to read "Brad Anguish", written over a horizontal line.

Brad Anguish, P.Eng., PMP, MBA,
Director, Environmental Management Services

DATE: April 11, 2006

SUBJECT: Storm Drain Issue - Cavalier Drive

INFORMATION REPORT

ORIGIN

At the North West Community Council Meeting of September 25, 2005 a motion (Item No. 10.1.1) was passed requesting that staff liaise with the Second Lake Regional Park Association and the Nova Scotia Department of Natural Resources to determine solutions for the storm drain issue on Cavalier Drive and report back to Community Council.

On January 26, 2006 an information report was issued to the North West Community Council which advised that HRM staff were scheduled to meet with the Second Lake Regional Park Association and the Nova Scotia Department of Natural Resources to determine a solution.

This report provides an update of that meeting.

BACKGROUND

In 1983 the Nova Scotia Department of Housing undertook a residential development in the area of Second Lake. This included the design and construction of Cavalier Drive and associated infrastructure, including a stormwater system. The stormwater system was constructed with the outfall pipe located on Nova Scotia Department of Housing property (PID #40128282). It discharged to the north across 150 metres of this property and into Second Lake. The Department of Housing design drawing also indicated that the future intent was to extend the stormwater piped system toward Second Lake along a proposed street. This street has never been constructed and the property was transferred to the Nova Scotia Department of Natural Resources.

The Second Lake Regional Park Association has expressed concern regarding downstream erosion resulting from the stormwater outfall from the Cavalier Drive stormwater system. In response to this concern HRM modified the existing outfall for the piped stormwater system on Cavalier Drive. This work was undertaken in 2004 and the modifications included a manhole structure, piping and related works. All work was within the property owned by the Department of Natural Resources.

DISCUSSION

On January 26, 2006, Environmental Engineering Services staff met with David Haley and Shane O'Neil from the Second Lake Regional Park Association and Brian Kinsman from the Nova Scotia Department of Natural Resources. In this meeting staff stated their opinion that this erosion issue is the responsibility of the Province.

The erosion which occurs downstream of the Cavalier Drive stormwater outfall is directly related to the land development undertaken by the Province. It is apparent that the conveyance of stormwater from the outfall to Second Lake was not adequately addressed by the Province at the time of the development, and this continues to be an issue. In addition the Province also owns the property which is impacted by the erosion resulting from this stormwater system and is responsible for the conveyance system across their property.

It was further stated to the Second Lake Regional Park Association members that should it be determined that HRM is responsible for conveying stormwater across the Provincial land that the project would not likely receive funding in the near future. HRM has projected significant expenditures to maintain and upgrade existing infrastructure for which there currently is insufficient funding. Also, in 2005, Regional Council approved a priority rating process to assist in prioritizing stormwater and wastewater projects. This potential project has been identified by staff as a lower priority relative to other HRM projects, such as those concerning legal liability and public health and safety issues.

It is staff's opinion that the Province is responsible for resolving this stormwater drainage problem. Staff did indicate to the Second Lake Regional Park Association that HRM would assist, to the extent possible, the Association in their endeavor to rectify this situation. As staff is of the belief that this is a Provincial responsibility it was suggested that the Second Lake Regional Park Association liaise directly with the Department of Natural Resources to determine a solution.

Follow up discussions with Brian Kinsman of the Department of Natural Resources have indicated that the Department is not inclined to provide funding for this project. It is staff's intent to write the Province to document our position on this matter. This correspondence will be copied to the Second Lake Regional Park Association and to the North West Community Council.

BUDGET IMPLICATIONS

None at this time.

FINANCIAL MANAGEMENT POLICIES / BUSINESS PLAN

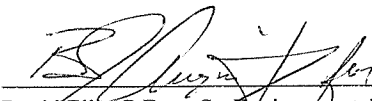
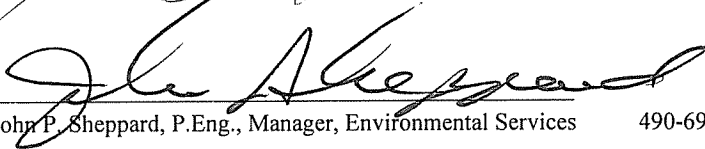
This report complies with the Municipality's Multi-Year Financial Strategy, the approved Operating, Capital and Reserve budgets, policies and procedures regarding withdrawals from the utilization of Capital and Operating reserves, as well as any relevant legislation.

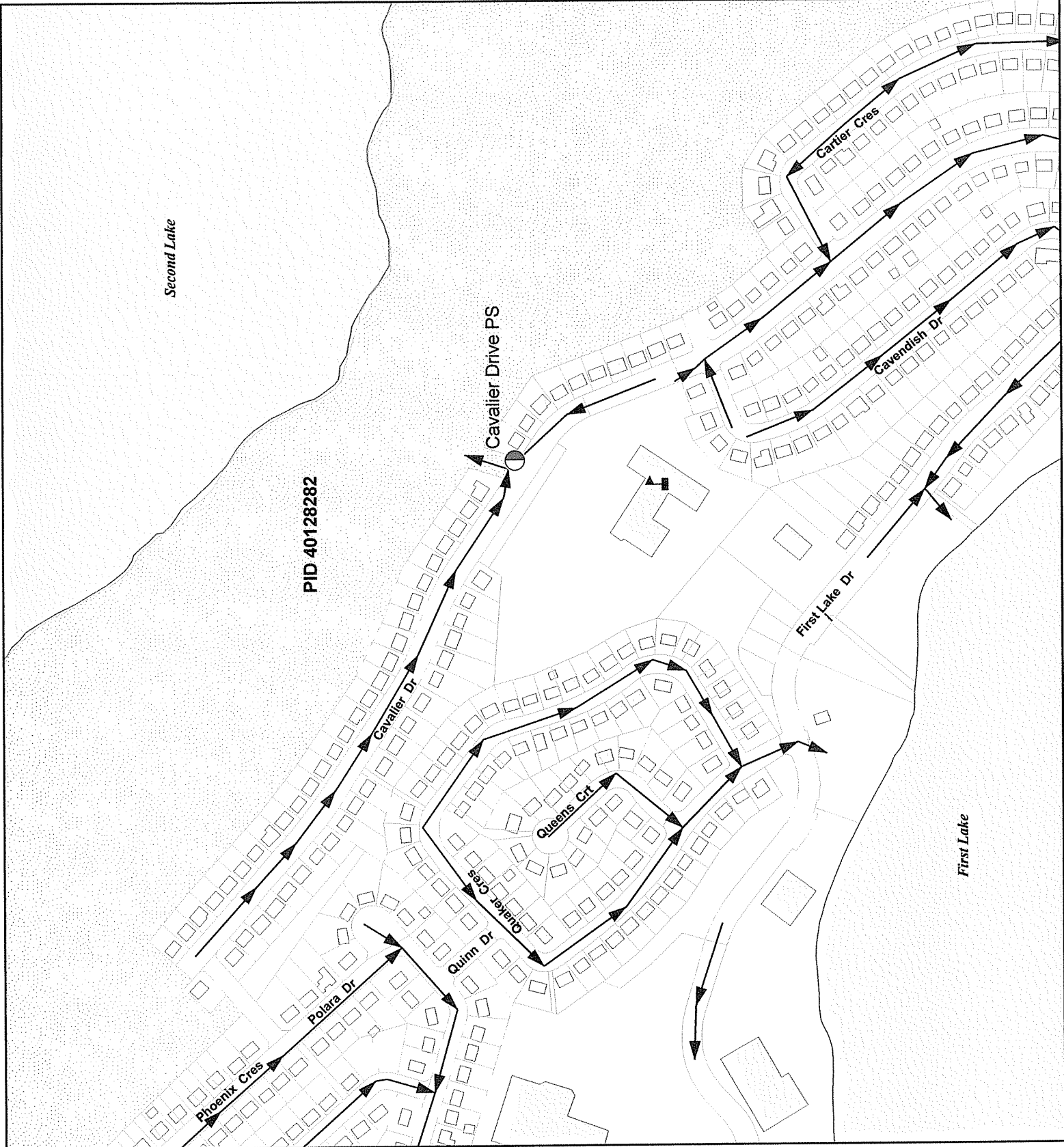
ALTERNATIVES

None recommended.

ATTACHMENT




Sketch.

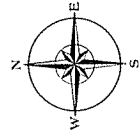
Additional copies of this report, and information on its status, can be obtained by contacting the Office of the Municipal Clerk at 490-4210, or Fax 490-4208.		
Report Prepared by:	 David Ellis, P.Eng., Sr. Environmental Engineer	490-6716
Report Approved by:	 John P. Sheppard, P.Eng., Manager, Environmental Services	490-6958



**Cavalier Drive
Storm Drain Issue**

Legend

-  Sanitary Pumping Station
-  School
-  Storm Pipe



Scale 1:4500

