

**Township of East Zorra-Tavistock
Community Meeting on the Tavistock Master Drainage Plan**

Meeting Notes

**Tuesday, October 2, 2007
6:00 p.m. Tavistock Memorial Hall**

Present: Council – Mayor Don McKay, Deputy Mayor Maureen Ralph and Councillors Clive Lawry, Don MacDonald, Dave Oliphant, Jeremy Smith and Betty Yeoman
From RJ Burnside Engineering – John Burns, Paul MacIntyre, Jordan Philips
Township Staff – CAO Jeff Carswell, Drainage Superintendent James Harmer, PW Manager Dennis O’Neil
County Staff – Director of Engineering Rob Walton and Manager of Wastewater Shahab Shafai
Approximately 18 members of the public.

1. Open House from 6:00 p.m. – 7:30 p.m.
Representatives from RJ Burnside were available to speak with residents about the Drainage Master Plan project.
2. Mayor Don McKay called the presentation part of the meeting to order at 7:30 p.m. Mayor McKay introduced members of Council, staff and representatives from RJ Burnside Engineering. Mayor McKay reviewed some highlights from the last 15 years that have lead the community to tonight’s meeting and the Master Drainage Plan. He also shared with the group some of the costs incurred over the last couple of years on drainage works. He also encouraged residents to speak with Councillors over the coming weeks as Council will be considering the 2008 and future years budgets and input is needed to help formulate plans for the future. A copy of the event highlights and budget information is attached.
3. John Burns presented the highlights of the Tavistock Storm Sewer Master Drainage Plan Report and Paul MacIntyre reviewed information related to the overland flow routes. The complete Tavistock Master Storm System Drainage Report is available at:

http://www.twp.ezt.on.ca/tfpwg/Final_11487_Tavistock_EA.pdf
4. Following the presentation, there was the opportunity to the public to ask questions:
 - a. Peter VanderVliet commented positively on the Westwood Swale Project and would like the Township to ensure it doesn’t become filled with weeds and indicated a catchbasin still needs a marker

- b. Bob Rudy questioned whether the storm sewer improvements will also improve the sanitary system problems. Rob Walton responded to the inquiry and commented the County has engaged RJ Burnsides to complete a hydraulic analysis of the sanitary system, that anything to keep storm water out of the sanitary system will help.
5. Mayor McKay thanked everyone for attending and encouraged people to speak with their Councillors as the Township will be further considering drainage matters at future meetings and in future budgets.
6. The meeting adjourned at 8:20 p.m.

Township of East Zorra-Tavistock – Drainage Work Highlights

July 18, 1992 Storm

Report to examine sewer capacity initiated

November 1992 – smoke testing – 5 locations identified and corrected

November 1992 – video

Summer 1993 – downspout disconnection program – observation of decreased flows to the lagoon during storm events following disconnection program

Sewer improvement made during street reconstructions

January 1, 1999 County assumed responsibility for water/waste water operations

July 27, 2002 Storm ~6”

RJ Burnside Report (2003-02-05 to Council)

Site Specific Investigation re: Strauss / Tavistock Drain 1987

Site Specific Investigation re: Baechler Ave Property

K. Smart report re: Bender Subdivision – various items completed – see report on website

Began encouraging people to disconnect

July 16, 2005 177 mm, ~7” – most from 2 am to 6 am

RJ Burnside – Open House information gathering meeting

Road Superintendent Petition for Drainage in Bender Subd area (Tavistock Municipal Drain 2006) – being considered Jan 10, 2007

Advice program to homeowners (50/50 between County and Township)

 Main advice was to disconnect from the Storm System

Tavistock Flood Prevention Working Group formed

Winter 2006 – Wettlaufer Heights Subdivision Agreement finalized – no gravity connections to storm sewer permitted – must discharge sump pump over the wall – pdc provided

Some houses in subdivision near river not permitted to have gravity sanitary sewer connection in basement

May 31, 2006 – 5”-6” in less than 1 hr - around 6 pm, surface flow issues, no crops in fields

Drainage Master Plan Initiated

RJ Burnside engaged to assist with project management

RJ Burnside - Janelle Drive Drainage Works – Swale & Berm – completed

RJ Burnside - Westwood Ave. area Drainage Works – being reviewed

TFPWG continued, Advise Program continued

Weather Tracking Program started

July 25th , 2006– Public Information Meeting

October 17th , 2006– Public Information Meeting – Tavistock Municipal Drain 2006 Preview

November 23, 2006 - Janelle Drive Drainage Work Agreement Finalized

December 2006 – Janelle Drive Drainage Work completed

January 10, 2007 – Special Council Meeting for consideration of Tavistock Municipal Drain 2006

February 2007 – servicing standards amended – no gravity connections to storm sewer – must pump over the wall – pdc to be provided

April 2007 – Tavistock Municipal Drain approved following withdrawal of various appeals

June 6, 2007 – Tender accepted for construction of Tavistock Municipal Drain 2006

July 2007 - Tavistock Municipal Drain 2006 construction started

July 4, 2007 – Council receives Tavistock Master Drainage Plan Report – released for public consultation

Report available on website, from Hickson Office – used various means to advertise its availability

July 18, 2007 – TFPWG meets to review Tavistock Master Drainage Plan Report

July 31, 2007 – Westwood Swale Agreements Finalized – construction to begin Aug 7

August 2007 – Tavistock Municipal Drain 2006 Completed

August 2007 – Westwood Swale and improvements at Hope Street Crossing completed.

September 2007 – Anecdotal observations that water table in Wettlaufer field/around old reservoir is lowering – during construction of Tavistock Drain 2006 observation of significant subsurface flows appeared to be captured by the new drain

October 2, 2007 – Community Drainage Meeting – Presentation of Drainage Master Plan to Community – try to get feedback from community on priorities – report has been available on website and Hickson Office since July – also made copies available at arena, library and post office for 2 weeks leading up to public meeting to coincide with advertising and make accessing the report easier

October 3, 2007 – Council meeting – debriefing/discussion about Community Meeting, direction to staff

Tavistock Drainage

	Engineering Advice (RJB split with County)	Project Management (RJB)	Janelle Drive Swale		Westwood		Tavistock Master Drainage Plan RJB Engineering	Other/Misc	Total
			Engineering Costs	RJB Construction Costs	Engineering Costs	RJB Construction Costs			
2006 Total	\$17,569.56	\$16,289.19	\$19,286.14	\$25,423.16	\$9,187.50	\$0.00	\$43,395.51	\$6,083.59	\$137,234.65
2007 YTD Total	\$0.00	\$2,572.97	\$874.84	\$3,135.35	\$26,588.48	\$42,241.84	\$99,189.30	\$373.32	\$174,976.10
Total	\$17,569.56	\$18,862.16	\$20,160.98	\$28,558.51	\$35,775.98	\$42,241.84	\$142,584.81	\$6,456.91	\$312,210.75
			Janelle Total	\$48,719.49	Westwood Total	\$78,017.82			

Tavistock Drain 2006 - Dietrich Engineering

Engineering	Eng Estimate	Construction	Con. Estimate	Total Actual	Total Estimate
\$94,500.00	\$133,500.00	\$337.50	\$726,600.00	\$94,837.50	\$860,100.00
\$21,500.00	\$0.00	\$574,487.00	\$0.00	\$595,987.00	\$0.00
\$116,000.00	\$133,500.00	\$574,824.50	\$726,600.00	\$690,824.50	\$860,100.00