

# Westend Regional Sewage Services Commission

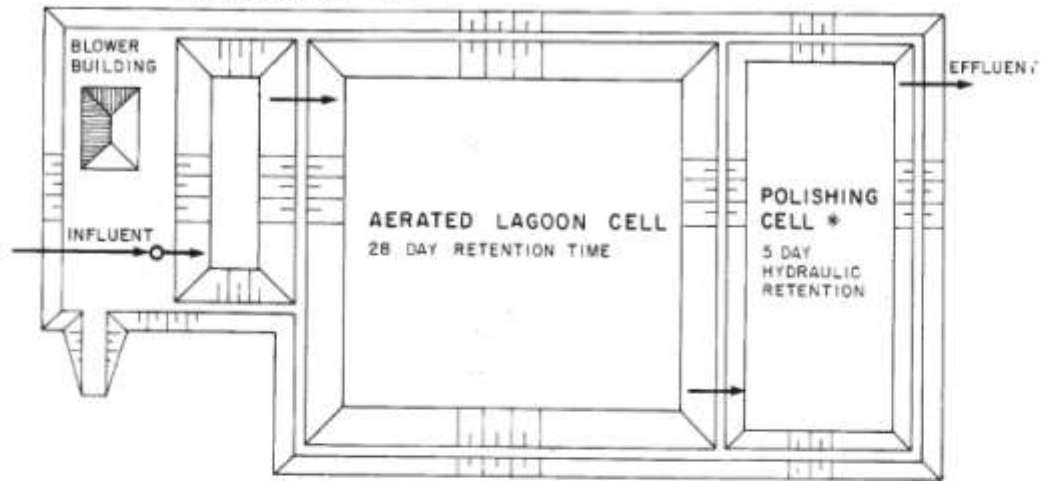
Year in Review

January 1, 2012 to December 31, 2012

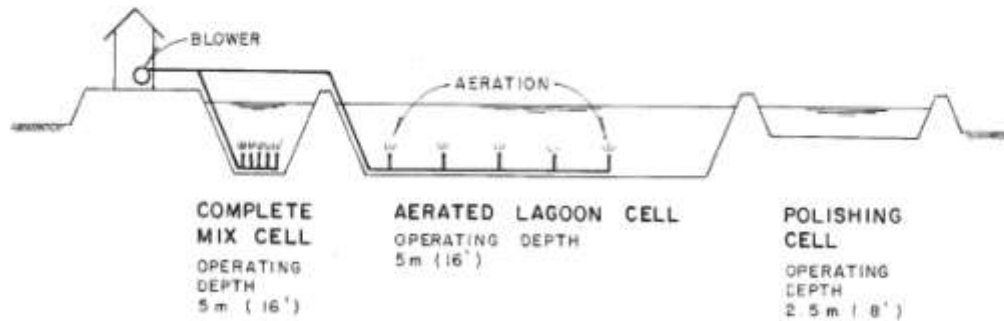




COMPLETE  
MIX CELL  
2 DAY RETENTION TIME




\* FOR CONTINUOUS DISCHARGE  
- IF DISCHARGE IS SEMI-ANNUALLY  
SUBSTITUTE WITH A 7 MONTH RETENTION CELL.



AERATED LAGOON SYSTEM  
- SCHEMATIC -

# Background

- ▶ **The Westend Regional Sewage Services Commission was established in 1994 by Regulation of the Government of Alberta.**
  - ▶ **The Commission is composed of two members each from the Town Councils of Turner Valley and Black Diamond.**
  - ▶ **Tom Dougall is the principal operator of the Westend facilities.**
  - ▶ **Laurie McCreary–Burke is the Secretary/Treasurer and provides all administrative work for the Commission.**
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# Commission Members 2012

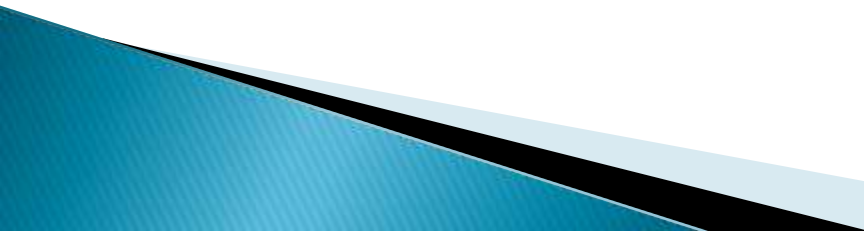
**Dona Fluter, Chair**

**Sharon Hart, Vice Chair**

**Lane Park and Jim Deacon, Members**


# Issues Addressed in 2012

## FACILITIES

- ▶ **The Commission obtained an energy audit from Atco Gas and has since installed high efficiency furnaces in the Turner Valley Lift Station.**
  - ▶ **Westend replaced the malfunctioning water line that runs to the blower building.**
  - ▶ **The Commission has begun to explore plans for future plant expansion and toward this end has issued an RFP.**
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# Issues Addressed in 2012 Cont'd

## PROPERTY

- ▶ **The Westend renewed its three-year grazing lease with the current lessee.**
  - ▶ **The Westend initiated a weed-spraying program on the grazing lease portion of the property.**
  - ▶ **The Commission approved a three-year pilot project initiated by community volunteers to control weeds on the Westend property that lies outside the grazing lease.**
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# Issues Addressed in 2012 Cont'd

## GOVERNANCE

- ▶ The Westend passed a bylaw stipulating that members be appointed for a three -year term following municipal elections.
  - ▶ The Secretary/Treasurer has been attending monthly webinars hosted by the Alberta Water and Wastewater Operators Association.
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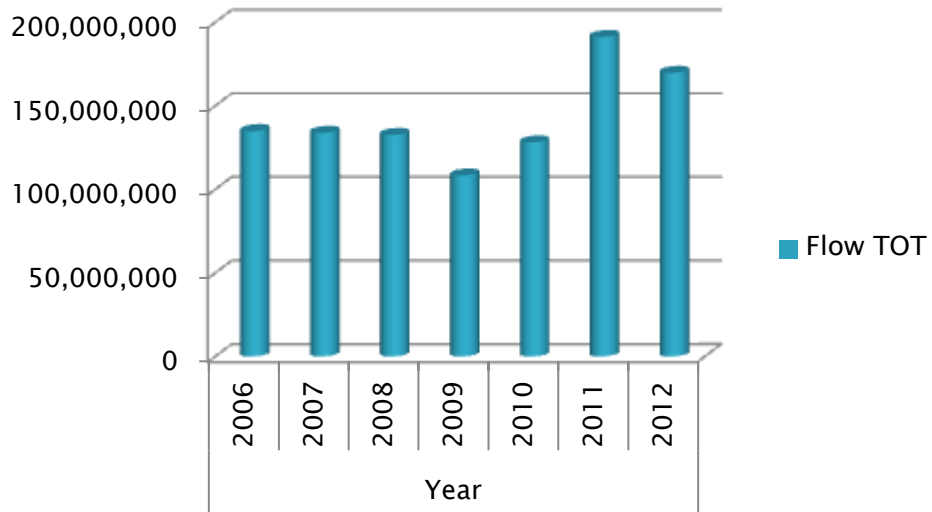


# Historic Flow Rates

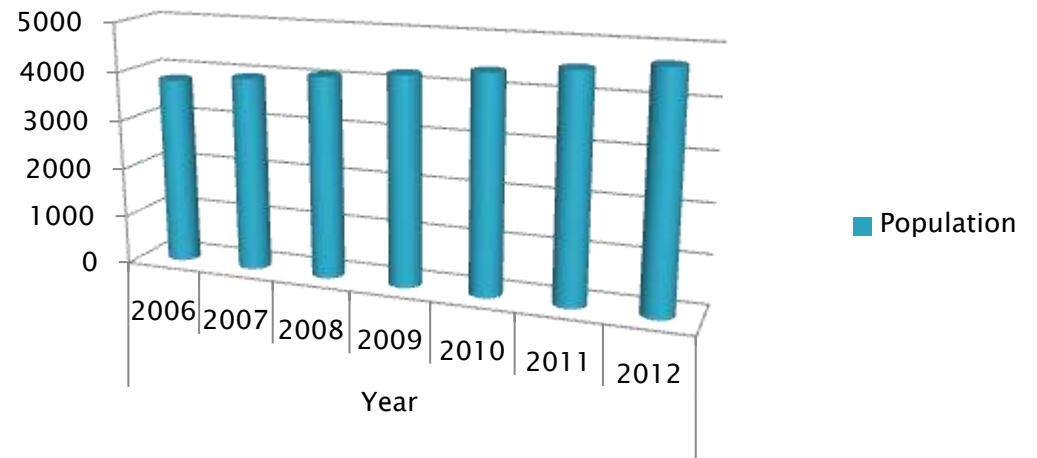
## Historical Flow Rates by Town (Imp. Gal)

	Turner Valley	Black Diamond	TOTAL	% Incr/Decr over Prev Yr	Proportion by Town	
					TV	BD
2012	64,229,813	105,442,947	169,672,760	.88	0.38	0.62
2011	79,322,632	111,832,984	191,155,616	149	0.41	0.59
2010	58,129,978	69,935,422	128,065,400	118	0.45	0.55
2009	58,234,310	50,021,690	108,256,000	82	0.54	0.46
2008	65,076,110	67,458,890	132,535,000	99	0.49	0.51
2007	64,003,250	69,783,750	133,787,000	99	0.48	0.52
2006	63,463,916	71,393,697	134,857,613	75	0.47	0.53
2005	75,596,380	103,206,631	178,803,011	167	0.42	0.58
2004	47,818,000	59,345,000	107,163,000	98	0.45	0.55
2003	45,901,000	63,806,600	109,707,600	99	0.42	0.58
2002	45,399,000	65,933,000	111,332,000	118	0.41	0.59

## Flow TOT



## Population



# Issues Upcoming for 2013

In 2013, Westend will:

- ▶ Review proposals submitted in response to the RFP;
- ▶ Submit reports to the Federal Government in response to new regulations effective January 1, 2013;
- ▶ Have all sample testing previously completed in-house completed by an accredited lab;
- ▶ Hold a retreat for Commission members to review the material outlined in Taking Care of Your Drinking Water and Wastewater: A Guide for Members of Municipal Councils;

# Questions?





WESTEND  
REGIONAL  
SEWAGE TREATMENT  
FACILITY