



Picanoc River, Québec, 2006, (courtesy R. Wilson)

**Plasco will finance, build, own and operate 100 ton per day plants in the Outaouais with no capital outlay by the municipalities. Plants can be built in 9 to 12 months after receipt of permits.**

### **Note 1**

Methane gas released from landfill sites is 23 times more damaging to the atmosphere than carbon dioxide. The plasma gasification process of converting garbage into a synthetic gas does not produce any emissions at all...no dioxins...no furans.

### **Note 2**

Texas A&M research carried out by Dr. Kirk Brown and Dr. K.C. Donnelly has determined that municipal landfill leachate contains 32 chemicals that cause cancer, 13 chemicals that cause birth defects and 22 chemicals that cause genetic damage.

### **Note 3**

The American Society of Civil Engineers states that even under pristine conditions liners will leak at a rate of 200 litres per day per hectare. Landfills will leak leachate into the ground for more than 100 years. A landfill archaeologist, while digging in the Staten Island landfill, found that he could still read a 40-year-old newspaper. Garbage remains in landfills for hundreds of years, releasing cancer-causing leachate into the ground and methane gas into the atmosphere...long after the landfill has ceased operation, long after the 30 year post closure monitoring period.

### **Note 4**

The Waste Management Plan for the MRC Vallee de Gatineau states that they do not support a landfill in their territory or in the neighbouring territory. They do support the use of alternate technology, as a solution to the waste management needs of the Outaouais. The municipality of Kazabazua and Low have also stated that they do not support a landfill in the Outaouais.

### **Note 5**

The Outaouais requires the capacity to process 400 tons of waste per day (tpd). This could best be provided by 3 separate Plasco plants. A 100 tpd plant located in the MRC des Collines, possibly in La Peche, a 100 tpd plant located in the MRC Pontiac, possibly near Danford Lake, and a 200 tpd plant located near the city of Gatineau. Each 100 tpd plant creates 24 full time permanent jobs while a 200 tpd plant creates 34 full time permanent jobs for a total of 82...24 of which could be near Danford Lake.

### **Note 6**

A ton of garbage processed using plasma gasification produces enough electricity to power a home for 45 days...that is from just one ton of garbage. The garbage produced by a family of 4, including babies, if processed through a plasma gasification plant, would supply the electricity needs of that same family for almost 6 months.