

GREYS CLOSED-LOOP PAPER RECYCLING FACILITY FACT SHEET

Purpose:

- To build a closed loop paper recycling facility in Edmonton, the first of its kind in North America. The processing facility will be housed in a monolithic dome with an R-60 insulation value, one of the most energy efficient types of buildings available. Solar energy will provide most of the daytime lighting. The recycling process uses no chemicals and 1/20th the amount of water used by traditional paper mills.

- The plant will collect and process several waste materials:

Paper and cardboard for paper trading and processing into paper

White cotton clothing, sheets and towels to produce cotton fibre for paper processing

Waste glass to be formed into non-structural blocks

Shredded paper

Waste paper moulded products such as drink trays & packaging material

Closed-Loop Process:

- Greys Paper Recycling Industries Ltd. is a company pioneering the concept of **Closed-Loop Recycling**. Closed-Loop means natural resources are used, then recycled, then used again with little or no loss of material volume.

- Greys Recycling will enable the City of Edmonton to achieve closed-loop recycling by processing the waste paper collected from City offices and selling the new recycled paper products back to the City. The facility will have the capacity to provide the same opportunity to municipalities and businesses in Alberta.

Location:

-Edmonton Waste Management Centre, 13111 Meridian Street NE, Edmonton

Construction Cost:

-The total cost of the facility is 15 million dollars. It will be operational in stages.

Timeline:

April 2010: Construction started and is projected to be completed by fall of 2011.

First Quarter 2012: Production of paper stationery products is projected to start.

3rd to 4th quarter of 2012: Production of bricks from recycled glass will start.

November 2011: Plant and machinery installation complete. Plant ready for trials and commissioning.

January 2012: Full paper mill production starts.

Benefit to Local Economy:

- The total number of employees at full production will be 100.
- This project uses local raw material, has local markets for the end products and generates employment for local people.

Plant Capacity:

- The capacity of the plant is 40 metric tonnes per day
- Annually it will be 14,400 m.tonnes. The plant will operate 24/7 for 360 days/year.

Recycled Products

-The Greys Plant will initially produce a core set of products from recycled materials. Many more will follow.

Initial Core Products include:

- Office Paper
- Writing Paper
- Greeting Cards
- Envelopes
- Carry Bags
- Custom Made Specific (i.e. - for Shippers and Manufacturers)
- Packaging Boxes
- Cardboard Trays

Contact:

Rajan Ahluwalia
Greys Paper Recycling Industries
9160 - Yellowhead Trail
Edmonton, Alberta
T5B 1G2

www.greys.ca
rahuwalia@greys.ca
780-454-7397 office
80-999-7171 cell