



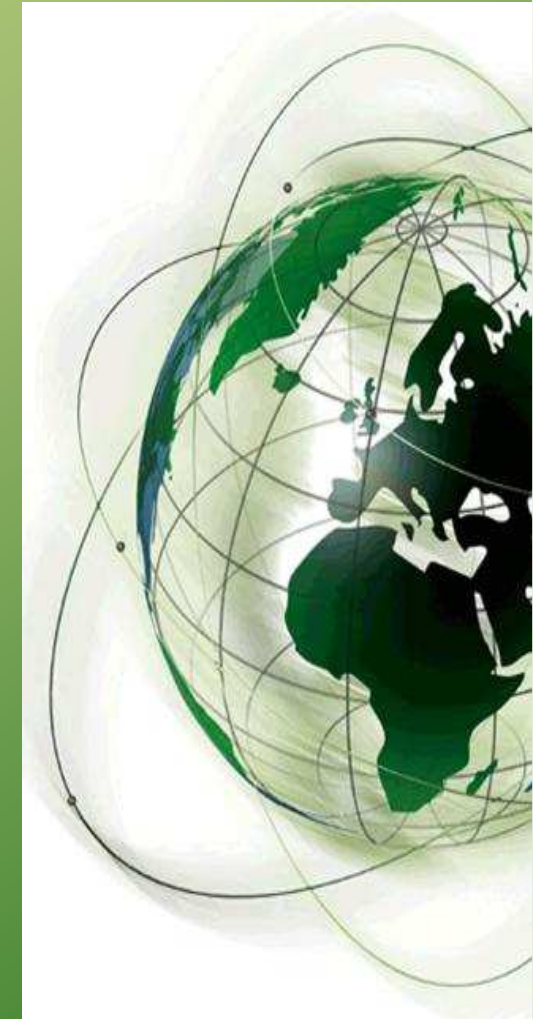
REACT Waste Management District

Proper Waste Management Today For A Better Tomorrow

REACT Waste Management District

The provincial government identified regional waste management as a priority in the early 1990's. In 1992, the province instituted the Municipal Solid Waste Management Assistance Program (MSWMAP), which made matching capital funding available to two pilot regions. The two proposals chosen for the pilot projects for the province were the REACT Waste Management District and the Frenchman Valley Project. The Frenchman Valley project was unsustainable and folded. The REACT project in the Humboldt area went ahead and has been fully operational since September 3, 1996.

- ☀ REACT consists of 47 municipalities (16 rural and 31 urban town and villages) that joined together to manage waste and recycling in a cost effective way to reduce the environmental impact and financial cost of land-filling recyclable materials.
- ☀ Revenue to fund the system consists of per capita levies, tag a bag fees, commercial waste bins, landfill fees and recycling.
- ☀ We divert approximately 160 tonnes of recycling per month. We have noticed a substantial drop in newspaper as more people go online.





☀️ Thirty-one landfills have been decommissioned and replaced by 17 transfer stations. Two landfills, one located in Cudworth and one in Humboldt have been upgraded to meet Sask. Environment regulations. We are currently working on setting up a new landfill so we can decommission the Humboldt one.

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- Each town and village has a recycling depot for co-mingled collection consisting of locally manufactured bins for all types of paper, cardboard, tin cans, glass and plastic.



Benefits

- Initial matching capital funds from the provincial government to get the system rolling
- Able to control costs with regards to running the system – no debt
- Each urban and rural municipality owns a share of REACT and is treated on an equal basis regardless of the population or distance from Humboldt

Benefits

- Not for profit yet able to provide service to member municipalities at a very reasonable cost for example: a village of 82 population gets curbside weekly waste collection and a recycle centre serviced weekly for \$1804.00 a year.
- Have built throughout the years a fairly good working relationship with member municipalities.
- Tag a bag acts as a incentive for recycling.

Challenges

- Challenges getting recognized as a municipal authority federally and provincially
- High cost of equipment, bins and wages
- Trucks traveling long distances on poor roads result in high maintenance and high fuel costs







Challenges

- Maintenance of 17 transfer stations and landfills
- Recycling is heavily subsidized by waste operations at this time and it is hoped that MMRP will help offset costs. As with any recycling program, getting the public to comply with what they put in the bins can be tough, up keep of 32 recycling depots throughout district
- Need a new landfill - land, buildings, scale and cell construction

Would Have Done Things Differently

- Per capital levies for the 1st four years were set at \$25, in the fifth year they dropped to \$6 should have stayed at \$25 to fund capital purchases because now it is difficult to get the municipalities to pay more
- In hindsight, should not have located main landfill at the Town of Humboldt site, should have started a new one.
- Money should have been set aside immediately for decommissioning of landfills in use and a long term plan should have been put in place.

Would Have Done Things Differently

- Each landfill should have had an operating plan drawn up and adequate capital funding to run it properly – for example we did not get a compactor at the Humboldt site until 2007 and 2011 one at the Cudworth site, we were using a rubber wheeled 721D pay loader for compacting and we weren't getting proper compaction and litter control, scales should have been put in, proper fencing
- Roll off containers at transfer stations instead of 8 cubic yard dumpsters

Would Have Done Things Differently

- Towns and villages would have assumed more responsibility for transfer stations with regards to capital costs associated with proper design and fencing of the sites and maintenance
- Would have ensured transfer stations were properly located and not on the poorly decommissioned landfills since many are far from ideal

Viscount Transfer Station June 2010



Questions?

Thank you!

