

# Westmount Local Area Plan

**City of Saskatoon**  
**Environmental Services Branch**

January 26, 2010

Environmental Services Branch



# A Sustainable Community

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- Sustainable living means:
  - Enjoying a high quality of life while lowering your ecological footprint
  - Creating a community that lives within our fair share of the Earth's resources





# City of Saskatoon

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- Vision Statement
  - “responsible, progressive environmental management”
- Core Strategies
  - “Exercise responsible, progressive environmental management in the provision of all civic services”





# Environmental Services Branch

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- Garbage collection and landfill
- Waste diversion and minimization
- Waste bylaw enforcement
- Environmental programs and projects
  - Energy and Greenhouse Gas Management
  - Brownfield development – River Landing
- Water and Wastewater Treatment Labs





# Garbage Collection and Landfill

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- Garbage calendars available on our website
  - Westmount – Route 10





# Waste Bylaw and Enforcement

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- No waste on top of, or beside, the container
- Lids must be closed at all times
- No overflowing containers
- Solid Waste Hotline at 975-2486
  - Environmental Protection Officers



# Reduce, Reuse, Recycle

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- Saskatoon Waste and Recycling Plan
  - Zero waste
- Key recommendations include
  - Curbside recycling program
  - Curbside organics program
- Currently examining options
- Stay tuned: public consultations on programs



# Recycle Depots

- Saskatoon has six recycle depots
- Westmount area
  - Meadowgreen  
Recycle Centre: 22<sup>nd</sup>  
St & Whitney Ave
  - Edmonton Ave and  
Ave P.





# Recycling in Your Community

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- At Depots
  - Paper and cardboard
  - Beverage and milk containers
  - Tin
- Around the community
  - Plastic bags and food containers
  - Appliances
  - Clothing
  - Electronics





# Household Hazardous Waste

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- Residents can drop off hazardous waste once or twice a month at Envirotec
  - New location – 100 Cory Road
- Next collection day
  - February 20, 9 a.m. – 3:30 p.m.
- Hazardous waste includes:
  - Cleaners, bleach, adhesives, aerosols, automotive fluids, batteries
  - Corrosives, fuels, mercury, poisons, pharmaceuticals, propane cylinders, solvents







# Compost - Leaf and Yard Waste

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- Two free compost depots located at:
  - Highway 7
  - McOrmond Drive
- April – November
  - Monday to Friday, 11 a.m. until dusk
- Leaf, grass, pumpkins, non-Elm tree and shrub debris.
- 17,500 tonnes accepted in 2009





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# Compost – Leaves and Grass

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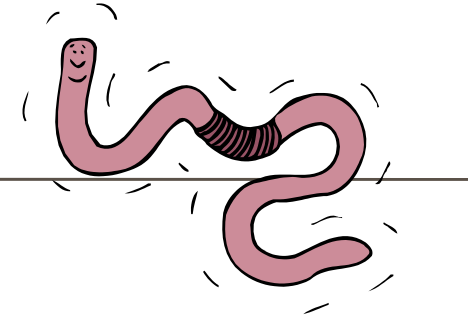
- Residents can subscribe to bi-weekly leaf and grass collection
  - \$40.00 for a yearly subscription
  - City-provided bin
  - Only leaves, grass clippings and non-woody vegetation
- Phone 975-2487 to sign up
- 1,600 subscribers in 2009





# Compost – Food Waste

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- Compost bins in your backyard
  - \$10 rebate on composter from Saskatchewan Waste Reduction Council
  - Subsidized compost sale for April
- Vermicomposting
- Reduce leaf and grass waste by mulching
  - Reduces weeds and the need for water
  - Leave grass clippings on lawn





# Lawn Care

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- Reduce weeds by maintaining lawn health
  - Raise mower height (2 – 4”) and use a sharp blade
  - Water and fertilize as needed
    - 1” of water once a week, a frisbee full
  - Consider push and electric mowers
  - Limit pesticide use
- Xeriscaping – Upcoming workshops





# Brownfield Redevelopment

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- What are brownfields?
  - Former industrial and commercial sites
- Brownfield Redevelopment Plan
- Examples:
  - River Landing
  - Fairbanks Morse Building





# Energy and Greenhouse Gas

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- City adopted Energy and Greenhouse Gas Management Plan in 2007
  - What are greenhouse gas emissions?
  - Climate change and Saskatoon
  
- Community targets: Emission levels 6% below 1990 levels by 2013





# Goals and Actions

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- Build an energy aware community
- Create a healthy community
- Achieve a diverse and environmentally sustainable energy system
- Design and build green and smart
- Be responsible stewards of our resources
- Lead by “green” example





# Build an Energy Aware Community

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- Are Westmount residents energy aware?
  - Do you and your neighbours live sustainably?
  - Sustainable living tips checklist





# Saskatoon Light and Power

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- Saskatoon will generate its own power for the first time in 82 years
- Energy Projects at the Spadina Landfill
  - Wind Turbine
  - Methane gas collection
  - Turboexpander
- Energy Projects at the Weir
  - Hydro station





# Wind Power Project

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- Tall wind turbine, operational by 2013
- Environmentally clean and revenue generating
- Nearest house in Montgomery: 700 m
- 1.5 to 2 MW turbine
  - Energy produced: **600 homes**





# Landfill Gas to Energy

- Landfill gas is a by-product from the decomposition of municipal waste
  - 50% methane, 50% carbon dioxide
  - Methane is 20 times more potent of a greenhouse gas than CO<sub>2</sub>





# Landfill Gas to Energy

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- Suction the gas out of the landfill and use for energy
  - Convert to energy by burning it in an engine
  - Sold to industrial clients or back to the grid to heat homes in the city
- Heating equivalent: 927 homes





# Turboexpander

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- Waste heat created by burning landfill gas, can be used to create more energy
- SaskEnergy station at landfill

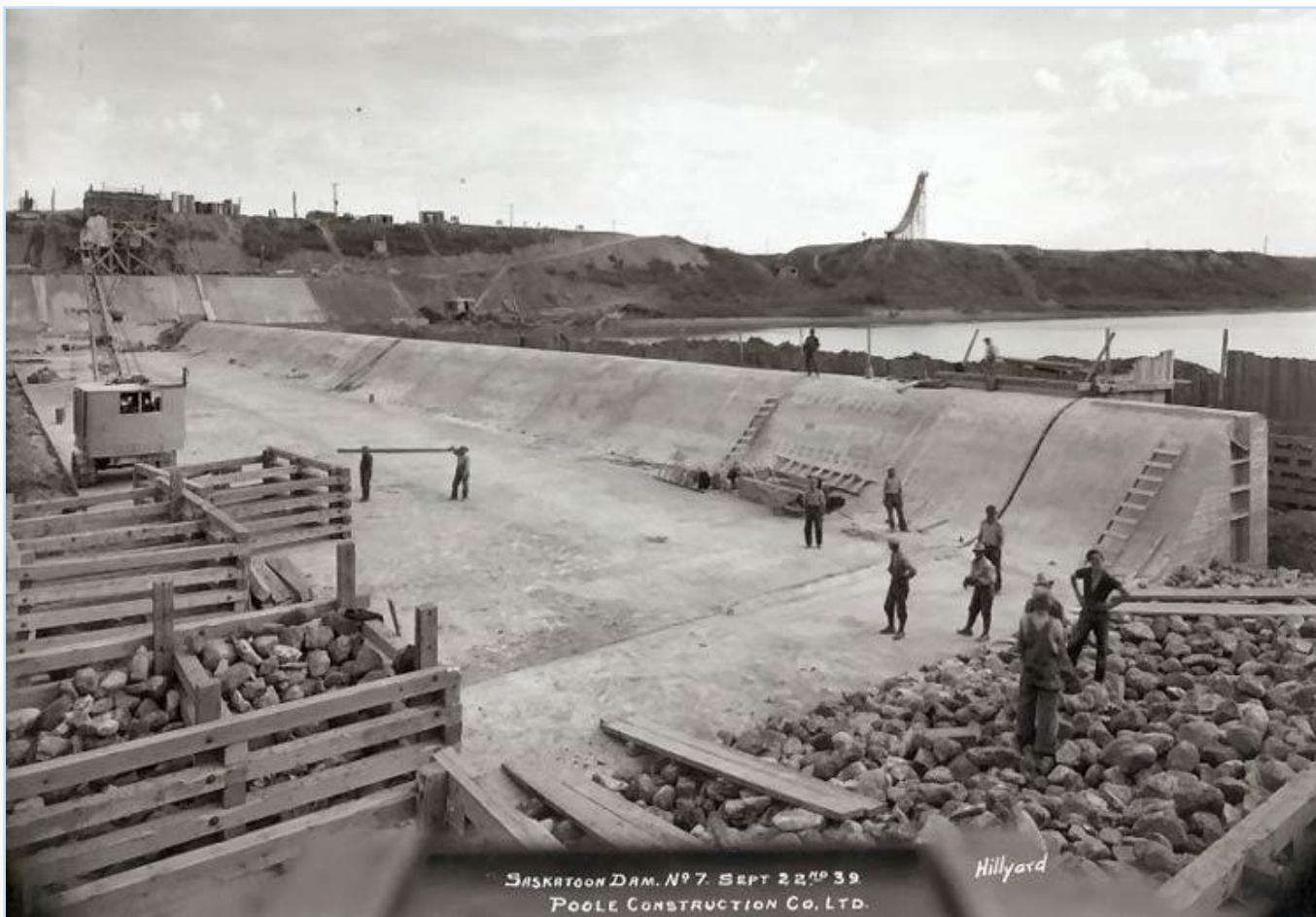




City of  
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# Hydropower at the Weir



think.choose.do.



# Questions?

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