

COMMUNICATIONS

Distributed at the meeting

- C1** **Item 1 – HEALTHCARE CAMPUS CENTRE – WARD 1**
PowerPoint Presentation entitled "Creating a Campus of Care and Major Regional Health Care System for Southwest York Region", dated January 31, 2011.
- C2** **Item 2 – INFLOW INFILTRATION REDUCTION & LONG TERM WATER CONSERVATION STRATEGIES CITYWIDE**
PowerPoint Presentation entitled "Inflow & Infiltration Reduction & Long Term Water Conservation Strategies", dated January 31, 2011.
- C3** **Item 3 – GREEN DIRECTIONS VAUGHAN EMPLOYEE EDUCATION STRATEGY**
PowerPoint Presentation entitled "Green Directions Vaughan Employee Education Strategy", dated January 31, 2011.

Creating a Campus of Care and Major Regional Health Care System for Southwest York Region

Presentation to City of Vaughan Council,
Planning and Priorities Committee
January 31, 2011
[Public Session]



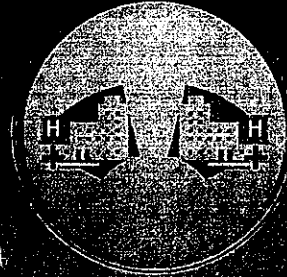
Today's Presentation

- Major Regional Health System
- Steps
- Opportunity for Community Participation
- Questions



Current Context

VHCC is responsible for planning, design, delivering partnerships, business cases, infrastructure, construction and operation of Campus of Care



- York Central Hospital (reconstituted board, expanded mandate, soon to be rebranded) responsible for planning, construction and operation of Major Regional Health System for Southwest York Region including a new hospital in Vaughan and further development at York Central Hospital

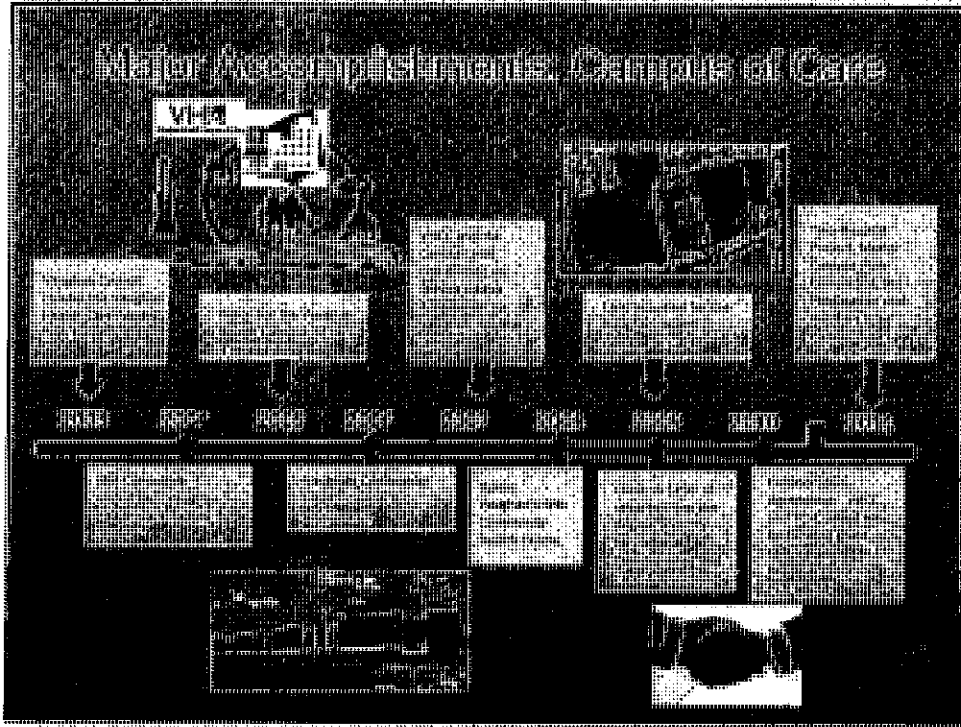
- Some VHCC Board members sit as full voting members on YCH Board, YCH Board Chair and CEO proposed to sit as ex-officio non-voting members on VHCC Board

Rebranding

Major Regional Health System Becomes Overarching Brand

Full Service Hospital in Richmond Hill (York Central Hospital)

Full Service Hospital in Vaughan (Hospital name yet To be determined)



Project Vision: Campus of Care

The Project Vision: Campus of Care is a comprehensive plan for the future of the hospital campus. It outlines the strategic vision, goals, and objectives for the development of a world-class healthcare facility. The plan includes a detailed site plan, architectural renderings, and a financial model. The campus will be a hub of innovation and excellence, providing the highest quality of care to our patients and staff.



6



Project Objectives: Campus of Care

- Vital to the growing health care sector of the region
- Work in partnership with York's health providers, educational institutions and hospital services to build a new health cluster
- Foster a thriving and dynamic new economic health care cluster in Vaughan by leveraging new state-of-the-art health care facilities to attract health-related industry partners to co-locate and develop partnerships
- Through integration with providers on the Campus and with local partner agencies, advance research and development in Health Care
- Attract long term investment into the new cluster and the local labour force; and
- Develop an innovative and sustainable economic model for the Campus where revenues are continually reinvested to evolve the Campus for the betterment of the community

Potential Campus of Care Uses in addition to the Hospital

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> ○ Entrepreneurial Hub ○ Long-term care facilities ○ Life Sciences ○ Diagnostic Hub ✓ Post-Surgical and Diagnostic Health Care ✓ Hospital and Imaging ✓ Diagnostic/Outpatient ✓ Local Retail/Service to Campus facilities ✓ Health Research and Development Facilities | <ul style="list-style-type: none"> ○ Health Care Support Services ○ Health Care Education and Training ○ Health Care Research and Development ○ Health Care Administration ○ Assisted Living/Long Term Care ○ Long Term Care Facilities and Services ○ Seniors Care ○ Geriatric Medicine ✓ Teaching and Academic Facilities |
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2011/12 VHCC Site Preparation Objectives

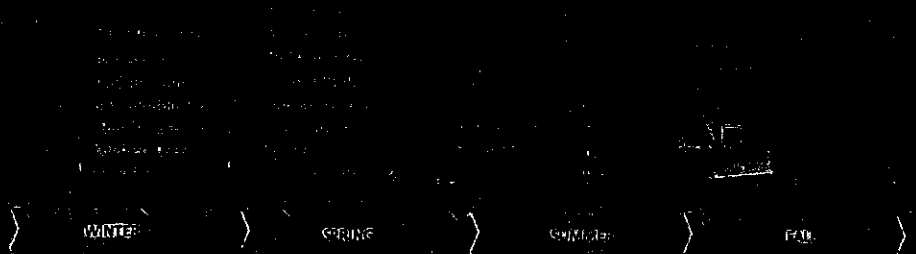
Engage various stakeholders to ensure
Site planning and construction meet all needs

Obtain City of Vaughan and Region of York approvals as required for
infrastructure components and implement essential works:

- o Earthworks
- o External and Internal Traffic
- o Sanitary Sewers
- o Storm Sewers
- o Stormwater Management and Conservation
- o External and Internal Water Main
- o Internal Public Roads
- o Landscape and Green Space



VHCC Planning and Development for 2011



Secure Funding
for further
planning,
design and
development
for the VHCC

Initial Engineering
Designs for
Submission

Master Plan
Planning
VHCC will finalize
Master Plan for
the site and seek
City and Region
approvals for
works

Detail Engineering
Design
Early Site
Preparation
Works

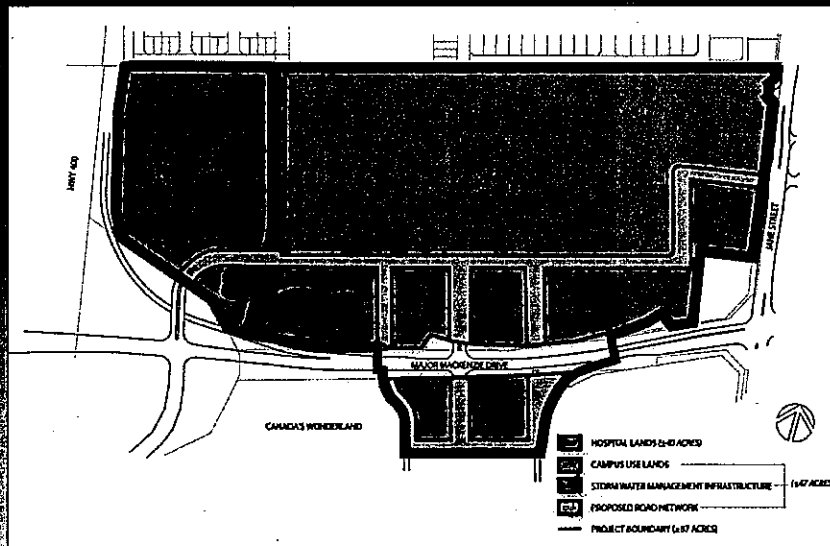


Recent Planning

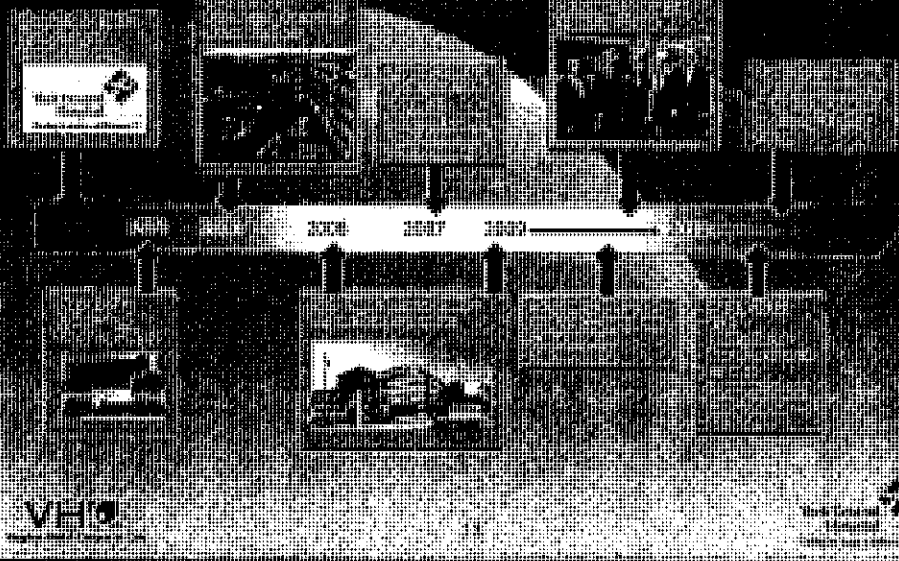
As a result of public engagement, 31 new uses identified by the VHCOC will be re-designated into one of four use categories listed on the Campus of Care.

- Potential adjacent uses are community and health care focused and do not include high rise residential
- VHCOC and City of Vaughan each conducted public engagement sessions to support the OPA process
- City supported Official Plan Amendment in summer of 2010 re-designating lands from "theme park" to "special institutional use"

Campus of Care Site Plan



Key Milestones: Major Regional Health System



Vision for Major Regional Health System

The vision is to create a major regional health system that is integrated, patient-centered, and supported by a network of community services. This system will provide comprehensive care for the region's population, from primary care to specialized services, and will be supported by a robust infrastructure of community services.

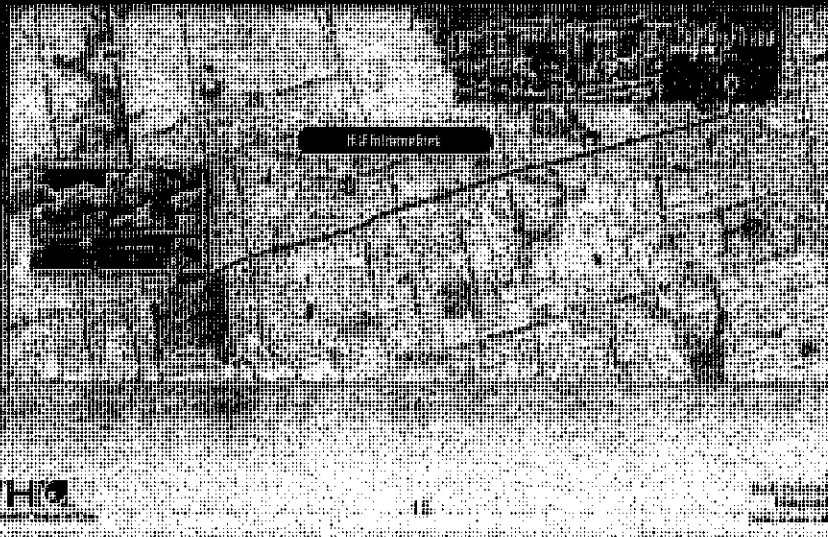
- Regional Health System supported by an expanded network of community services



VHO

York Central
Hospital
Community Services

Hospital Site Locations



Major Regional Health System Objectives

Develop a major regional health system that will provide a high quality, cost-effective, and accessible health care system for the region.

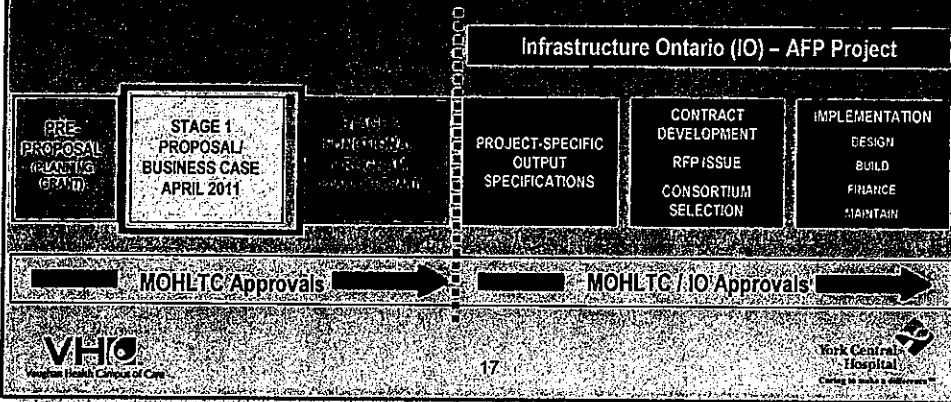
Provide a new level of service to patients and staff through a new level of integration of services, delivery through shared bases, and integrated capital acquisition.

- An integrated health service provider offering expanded health services in coordination with community service partners and neighbouring hospitals
- A high quality, cost-efficient health system that ensures care as close to home as possible

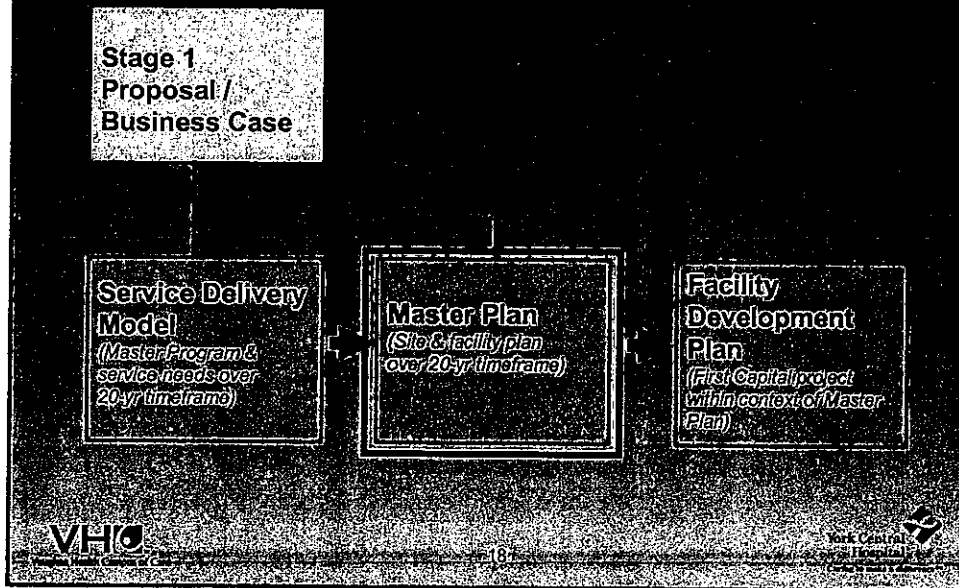
University and College affiliated teaching and medical research capabilities - medical, nursing and allied health

Planning for Major Regional Health System

MOHLTC Capital Planning Stages Alternative Financing and Procurement (AFP) Project



Key Components of Stage 1 Submission



Hospital of the Future

Technology enabled

- minimally invasive procedures
- robotics
- interventional platforms

Consumer driven

- patient diversity
- patient & family centered care
- co-ordinated health system

Health Promotion & Prevention focused

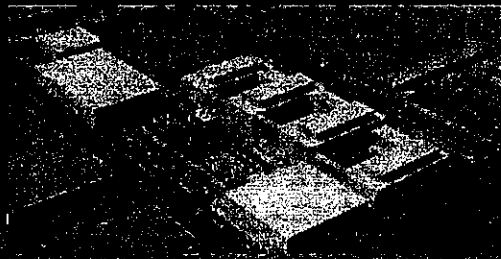
- continuous learning
- teaching & research
- multi-disciplinary holistic care

Evidence-based facility design

- aesthetic considerations
- access to natural light, green spaces, views & controlled acoustics
- privacy & infection control



Vaughan Hospital Site 20 Year Vision



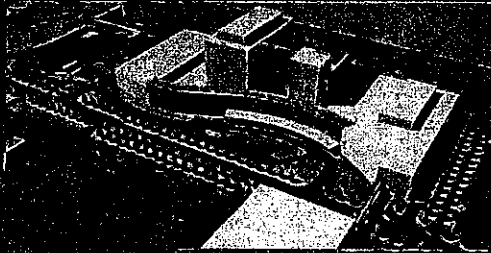
Architectural Concept

Planning Studies
Site Size 40 acres

Derived from Master
Planning and Master
Programming process

According to prescribed MOHLTC 50 year re-generation plan

Richmond Hill Hospital Site 20 Year Vision



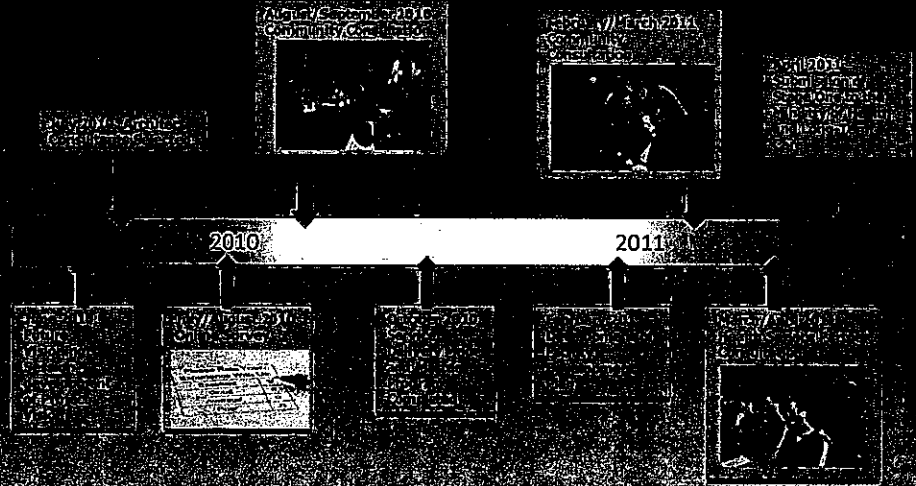
Architectural Concept

Overall Building Area (sq. ft.)	1,100,000
Hotel Beds	260
Parking Spaces	1,160
Site Size	20.5 acres

* Derived from Master Planning and Master Programming process



Major Regional Health System: Project Timelines



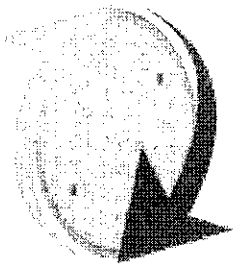
Next Steps: Major Regional Health System

- Conduct evaluation of potential locations, plan options for each site
- Facility Development Plan for each site
 - defines this phase of development within context of master plan
 - defines proposed scope for next stages of project planning, approvals and funding
- Stage 1 Submission Target: April 2011
- Secure MOHLTC approval of Stage 1 and funding and approval to move to Stage 2
- Target date for commencement of hospital construction – 2013, pending government approvals

Opportunities for Community Participation

- Community Forum initiated to discuss major projects and plans for the future. Meetings held on 12/10/10 and 1/11/11
- Open House for the development of a new hospital building in the Southwest York Region
- Open House for the development of a new hospital building in the Richmond Hill Region
- Telephone Survey of 500 Southwest York Region residents this week of February
- Community On-line Survey at www.yorkcentral.on.ca
- Donor support of Major Regional Health System through York Central Hospital Foundation and Vaughan Health Care Foundation
 - Joint Feasibility Study
 - Local Share Plan
 - Strides for Stroke
 - VHCF and YCHF Galas

Questions?



**INFLOW &
INFILTRATION
REDUCTION STRATEGY**



Inflow & Infiltration Reduction & Long Term Water Conservation Strategies

Priorities and Key Initiatives Committee

January 31, 2011

C2
ITEM 2 - PRIORITIES AND KEY
INITIATIVES COMMITTEE
JANUARY 31, 2011

LONG TERM



Presentation Overview



- **What is Inflow/Infiltration?**
- **Why are we here? What are the issues?**
- **Regional and Municipal Water and Wastewater Task Force**
- **Strategy Development Process**
- **Inflow and Infiltration Reduction Strategy Overview – *York Region***
- **Long Term Water Conservation Strategy Overview – *York Region***
- **Strategy Next Steps – *York Region***

Sources of Inflow and Infiltration

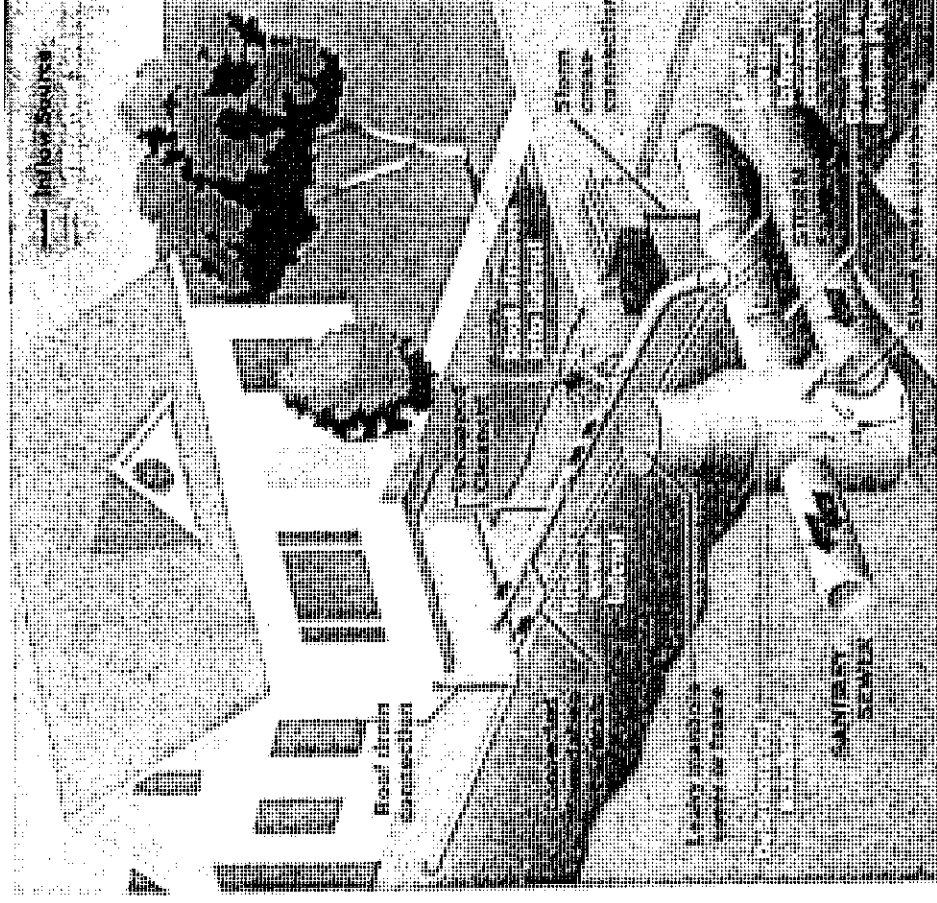
What is Inflow?

Surface water from rainfall or snow melt that enters the sanitary sewerage system through direct sources:

- Roof and downspouts
- Cross-connections with storm drains
- Foundation drains
- Manhole covers

What is Infiltration?

Groundwater that enters the sanitary sewerage system through holes and cracks in manholes, laterals and sewer pipes.



Source: Capital Regional District CRD, Victoria, B.C.

City Inflow / Infiltration Remediation Program

City's Engineering & Public Works Department is actively involved in I/I Reduction as part of the regular operation and maintenance of the sewer system including:

- Closed circuit camera inspections (CCTV) of sewer pipes
- Smoke and dye testing
- New system commissioning standards & development inspection
- Manhole inspections/repairs
- Cross connection investigation/repair
- Lateral repairs
- Mainline repairs
- City-wide sewer flow monitoring and I/I assessment

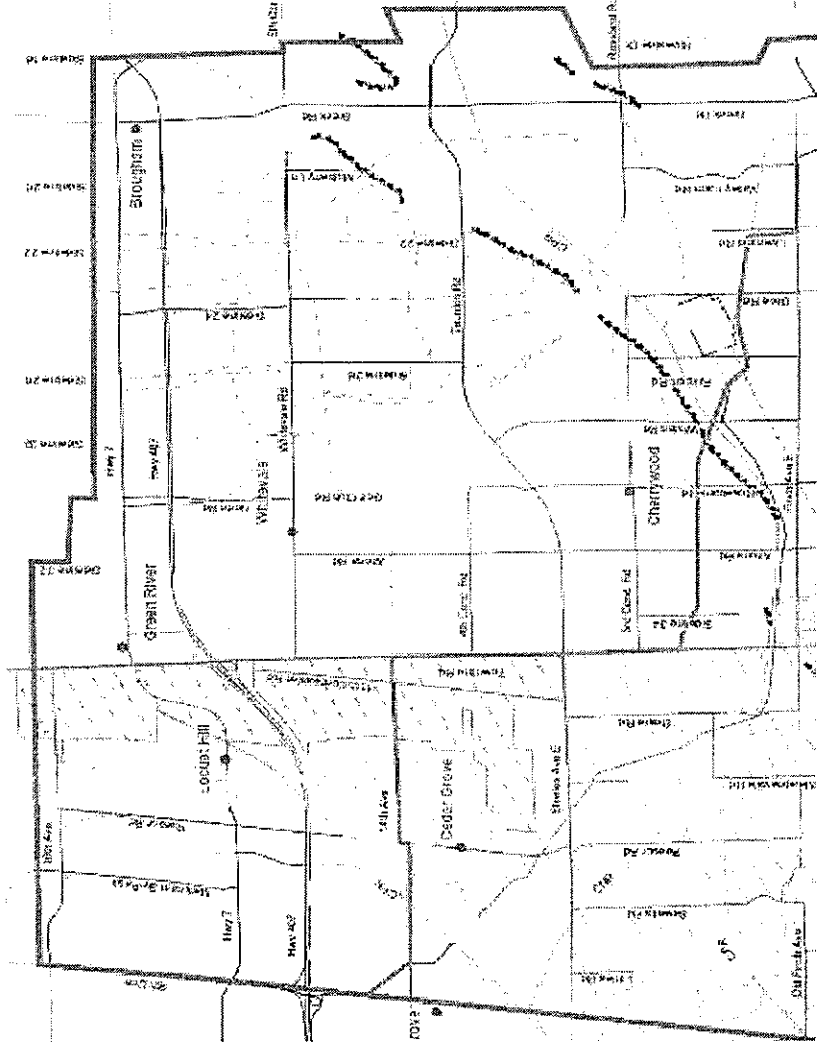
City's Annual expenditures of approx. \$1.2M have contributed directly to I/I reduction.

York Region has funded approximately \$135,000 for smoke testing and CCTV work in the City over the last two years.

Legislative Need For These Strategies

In 2010, the Region received MOE approval for the construction of the new South East Collector Trunk Sewer subject to conditions.

One condition requires the Region and the local municipalities to reduce the peak sewage flows due to inflow and infiltration by 10% through a combination of I/I Reduction and water Efficiency Programs.



Inflow and Infiltration Reduction and Water Conservation

Inflow and Infiltration Issues:

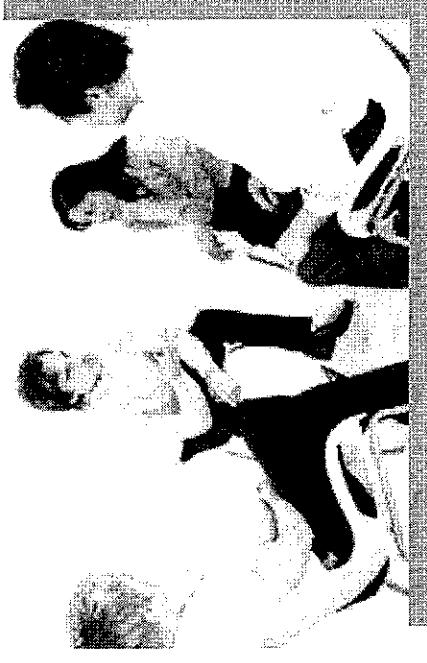
- Consumed capacity
- Risk of flooding/overflows
- Cost of transmission and treatment
- Further deterioration

Water Conservation Issues:

- Conserve and protect long-term water supply
- Maximize sustainability
- Minimize energy consumption

Region-wide complex issues requires:

- Region and Local Municipalities to work collaboratively together as equal partners
- Establishment of a Joint Regional & Municipal Task Force
- Additional effort and resource requirements



Vaughan Council Endorsement

On June 8, 2010, Vaughan Council adopted the following resolution:

“That in partnership with the Region of York, the City of Vaughan agrees to actively participate in the Inflow and Infiltration Reduction Task Force to:

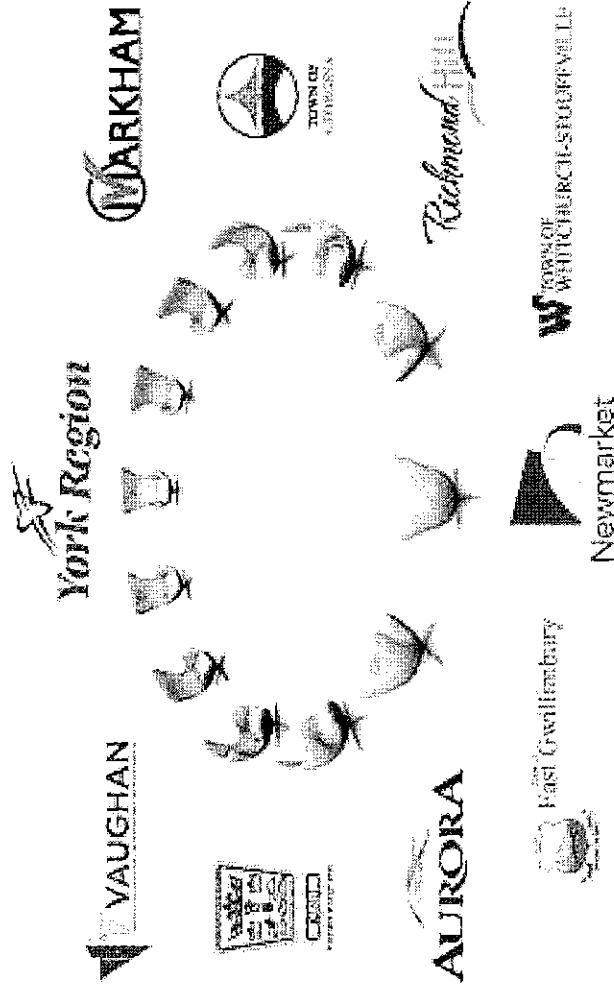
- continue to seek out sources of inflow and infiltration;*
- adopt standards and guidelines intended to reduce inflow and infiltration in new developments and within existing systems; and*
- Develop adequate funding and cost sharing principles to address future remediation projects.”*



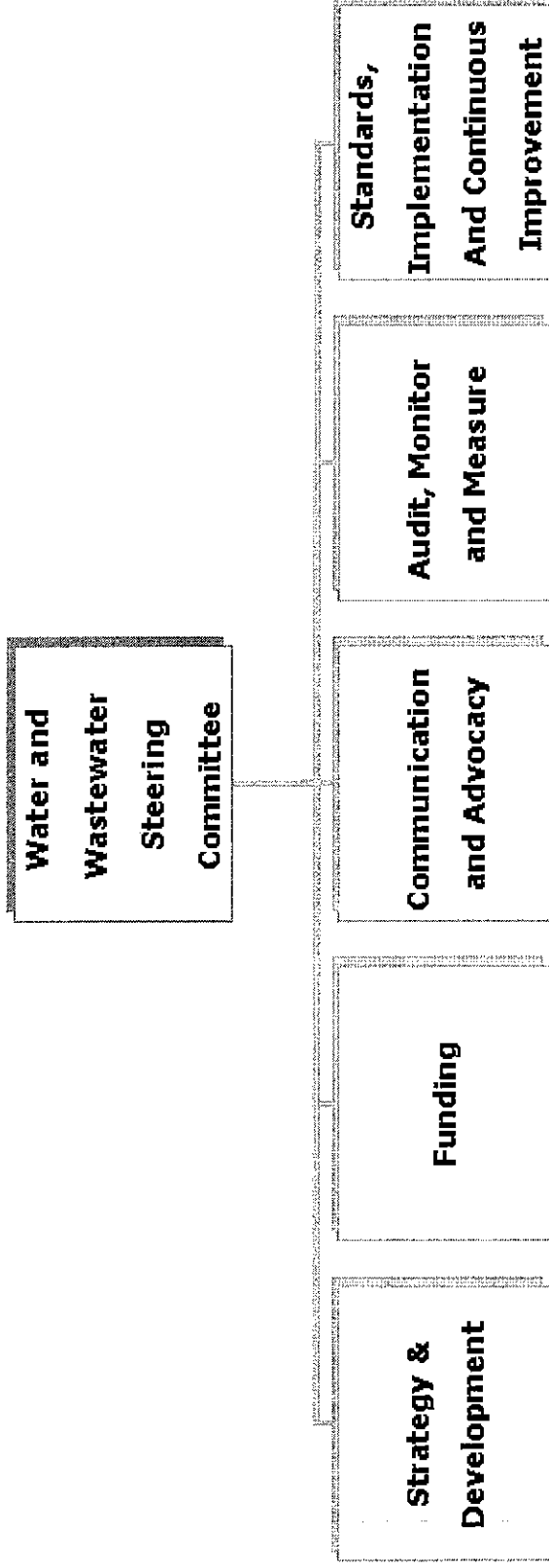
Regional and Municipal Water and Wastewater Task Force

- Task Force has been meeting Since April, 2010
- Tasked with developing long term integrated Regional and Local Municipal strategies for Water and Wastewater Services
- Develop sustainable funding mechanisms and explore cost sharing opportunities.

Senior staff working together to drive success and report to respective Councils



Regional and Municipal Water and Wastewater Task Force



City's Steering Committee Members are:

Brian Anthony, Director of Public Works

Andrew Pearce, Director of Development & Transportation Engineering

City staff from various departments are involved in the sub-committees and other activities associated with the Task Force.

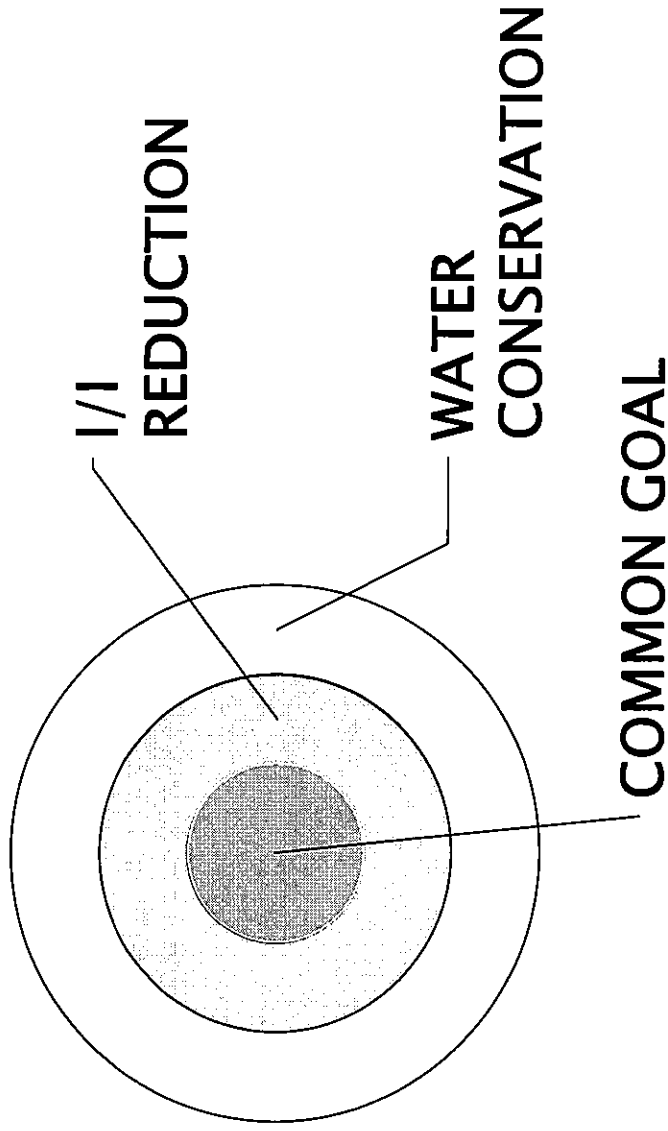
Common Goals

Reduction of wet weather flows (I/I) and water conservation efforts will minimize

- total conveyance, treatment, and disposal system costs.

They will also improve

- overall system security, and efficiency.



Strategy Development Process

Best in Class Review

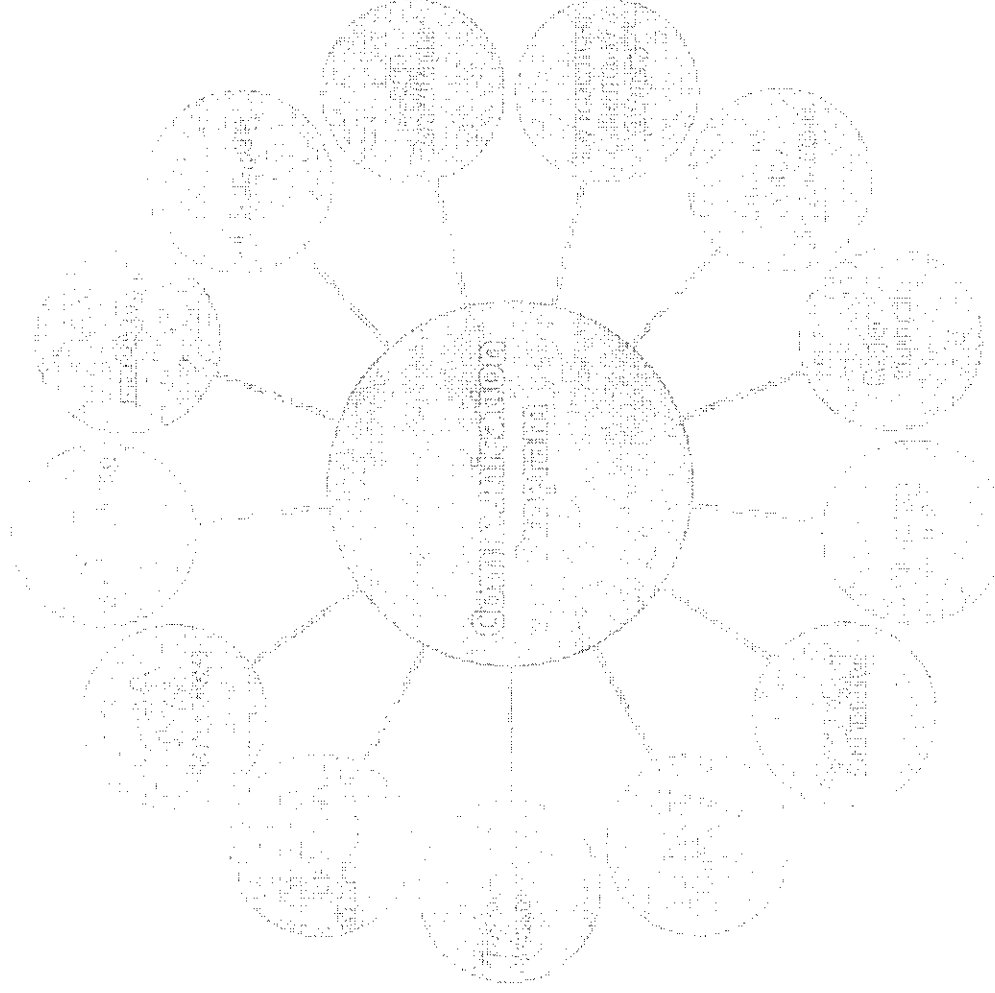
- Municipal programs
- Policy and regulation
- Design and alternative sources

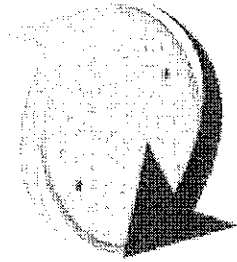
Stakeholder Engagement and Consultation

- Public consultation
- Local Municipal Water Wastewater Steering Committee

Development of the Strategy

- Based on best in class programs
- Peer Review of Strategy

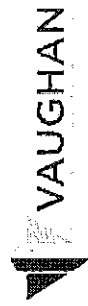




INFLOW &
INFILTRATION
REDUCTION STRATEGY

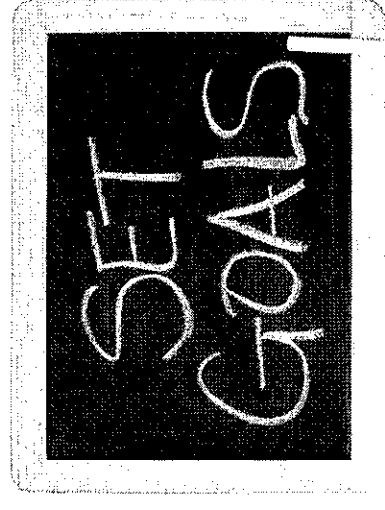


Inflow and Infiltration Reduction Strategy



Inflow and Infiltration Reduction Strategy Goals

- Reduce Inflow and Infiltration rates over a 20 year period into the Regional/Municipal System and Southeast Collector Sewer (SEC)
- Minimize total conveyance, treatment and disposal system costs
- Implement a long term program that meets the Conditions as set forth by the Ministry Of Environment for the SEC Environmental Assessment.



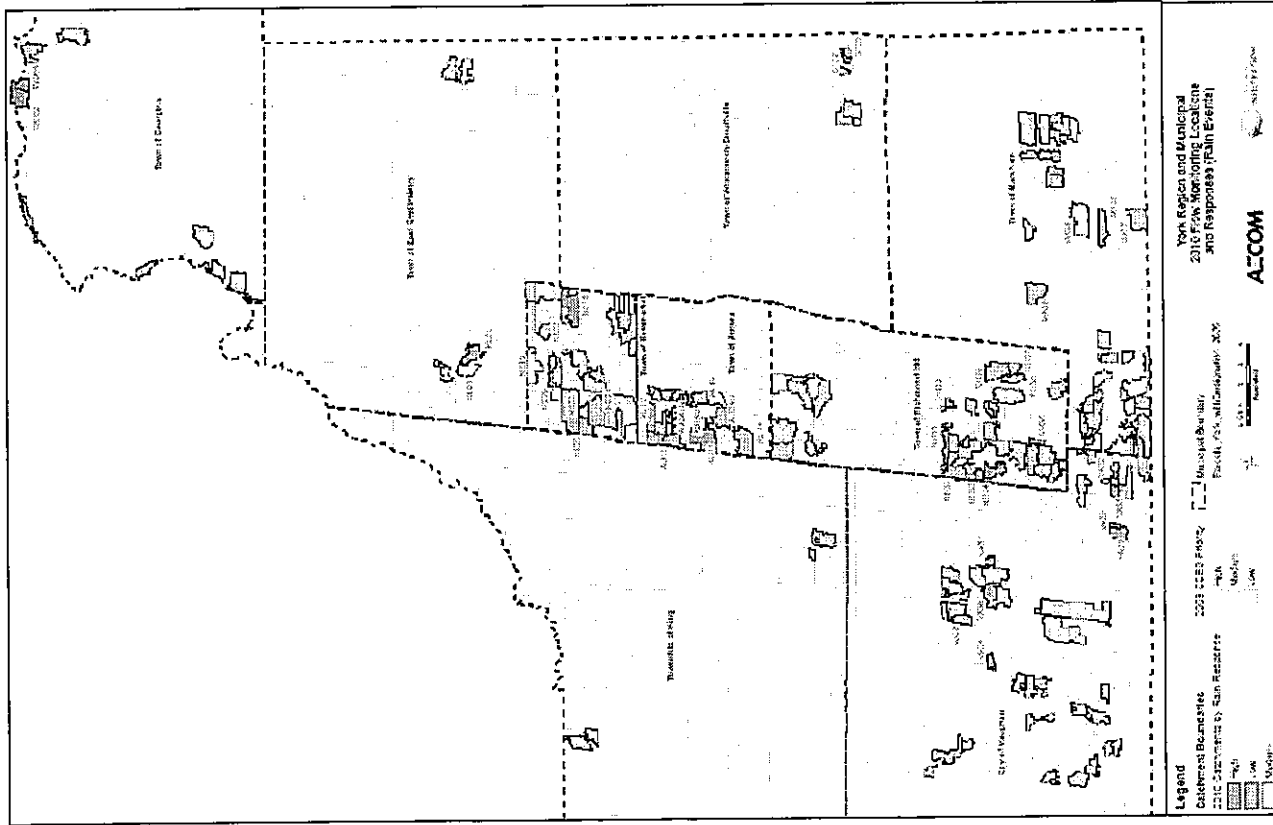
Inflow and Infiltration Reduction Strategy Components

1. Overall Program Goals and I/I Targets
2. Monitor and Analyze Flows
3. Investigate and Mitigate
4. New Construction and Capital Projects
5. Financial Management
6. Communication & Education
7. Report I/I Reduction
8. Continuous Improvement



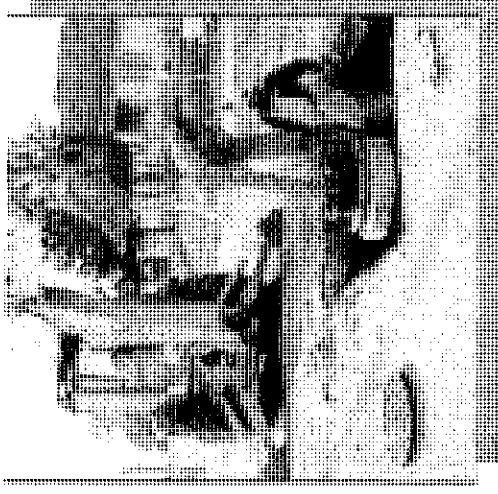
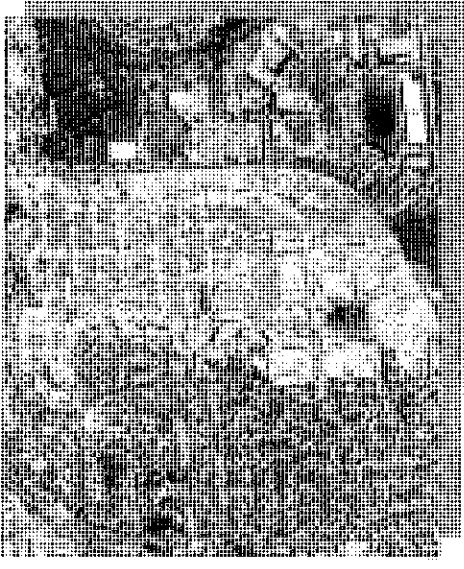
Inflow and Infiltration Reduction To Date

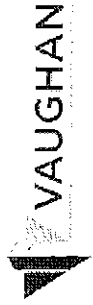
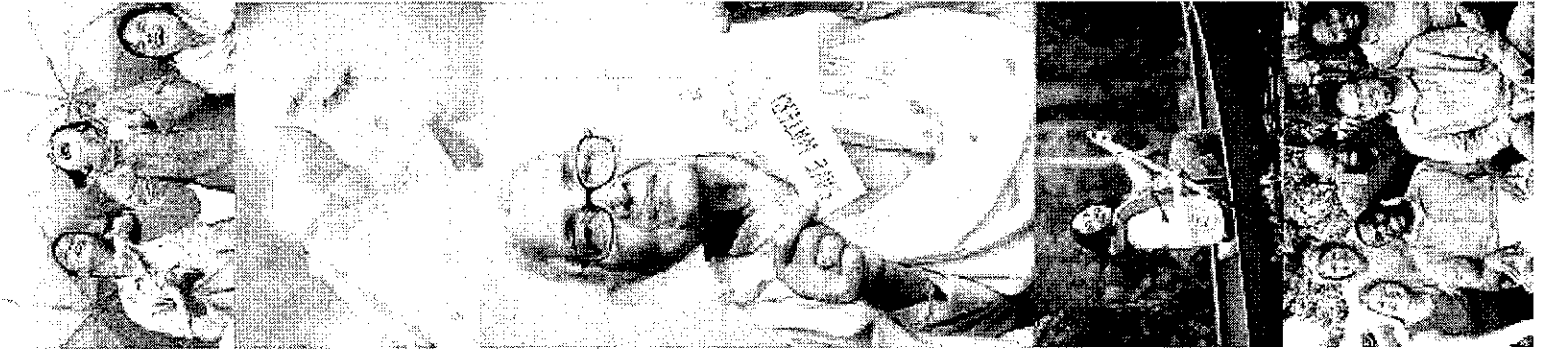
- Approximately 1 / 3 of the system has been flow monitored and analysed (2008-2010)
- A number of priority rehabilitation programs have been identified
- Flow monitoring and analysis continues
- 2011 / 12 - 9 high priority projects to be completed (\$10M)



How to Achieve Successful Reduction of Inflow and Infiltration

- Implementation of a system wide Flow Monitoring Program
- Implementation of a Joint Communication and Education strategy for inflow and infiltration reduction efforts through Task Force participation
- Implementation of a Private Property program component targeting the key inflow and infiltration areas of the Region
- Standards Development and Enforcement
- Sustainable Funding Model





LONG TERM

Water Conservation Strategy

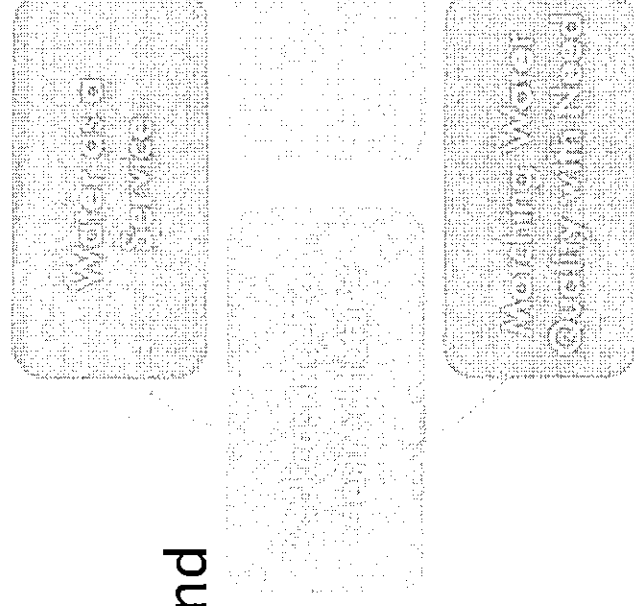
Shaping York Region's Water Future



Water &
Toronto

The Sustainable Approach to Water Use

1. A new way to think about how we use water
2. Reduce water use through innovation, conservation, policy and behavioural change
3. Plan from 40 years in the future back to the present
4. Sustainable Funding Model



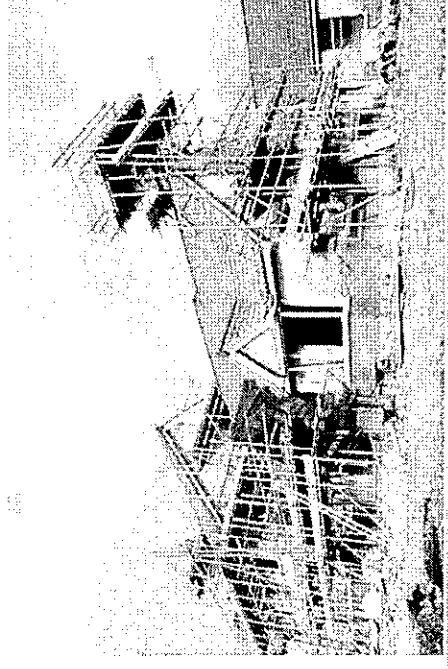
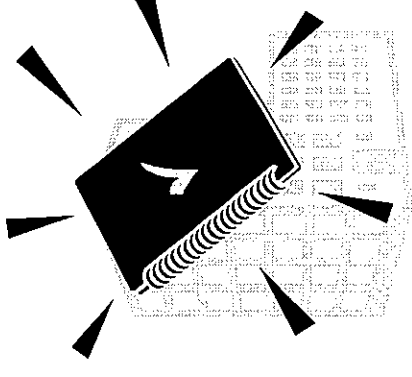
Regional – Local Municipal Coordination

Develop and Evaluate:

- Process to measure water consumption
- Detailed implementation plans
- Measurement and reporting
- Guidelines for retrofits of public buildings
- Full cost conservation oriented pricing structure
- Multi-stakeholder advisory group
- Watermain leak reduction programs
- Incorporate outcomes of strategy into infrastructure master planning processes

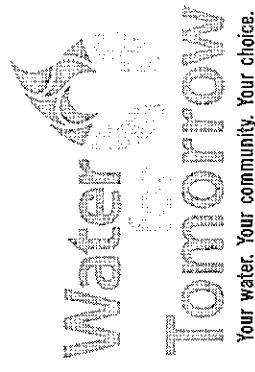
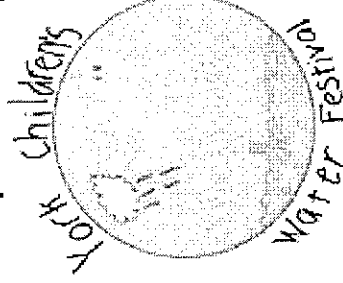
New Developments

- Increase uptake of Sustainable Home Incentive and LEED for high rise programs
 - Evaluate and test incentive programs – increased servicing, expedited approvals, development charge credits
- Create commercial/ industrial water efficiency and reuse guideline
- Develop detailed monitoring programs



Marketing, Education and Outreach

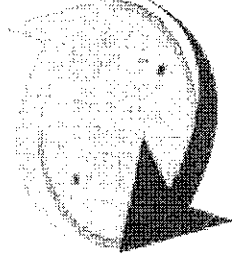
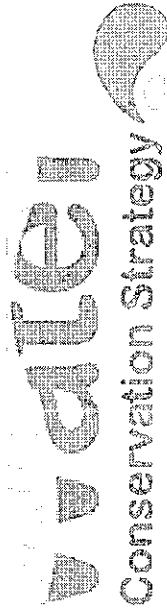
- Outreach through local groups
- Outreach targeted at subsidized housing
- Develop new partnerships
- Continuation of:
 - o Children's Water Festival, school contests
 - o Seminars and workshops, partnerships with garden centres
 - o Landscape assessments



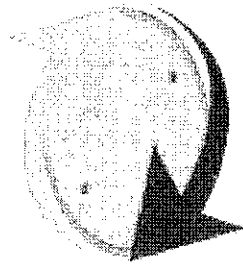
Strategy Next Steps

- Presentations to Local Municipal Councils in January 2011
- Strategy Report to Regional Environmental Services Committee on February 9, 2011
- Local Municipal reports late February / early March 2011
- Submission of Strategies to Ministry of Environment March 31, 2011
- Implementation Strategies

LONG TERM

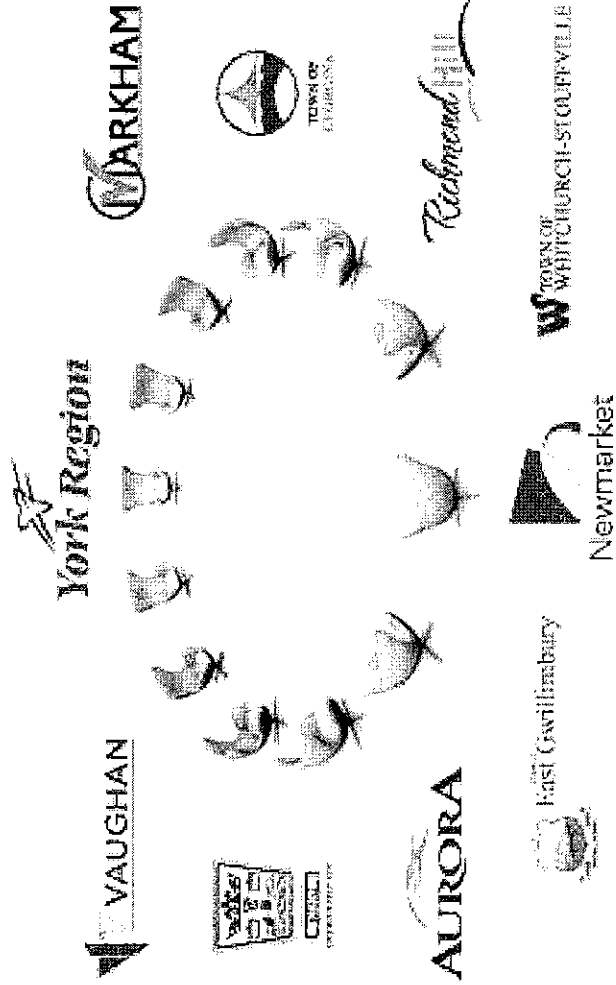
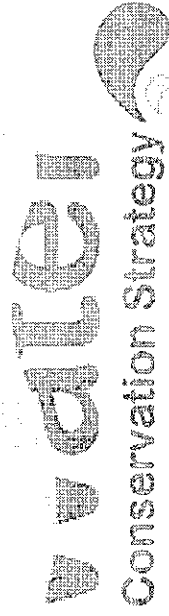


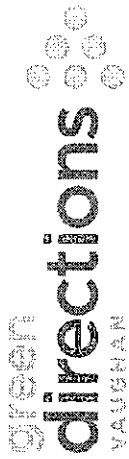
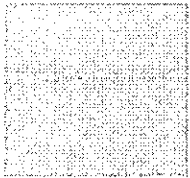
Questions and Answers



INFLOW & INFILTRATION REDUCTION STRATEGY

LONG TERM

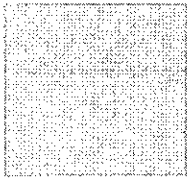




Green Directions Vaughan Employee Education Strategy

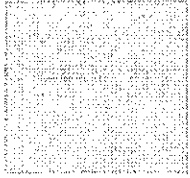
Presentation to the Priorities and
Key Initiatives Committee
January 31, 2011

C3
ITEM 3 - PRIORITIES AND KEY
INITIATIVES COMMITTEE
JANUARY 31, 2011



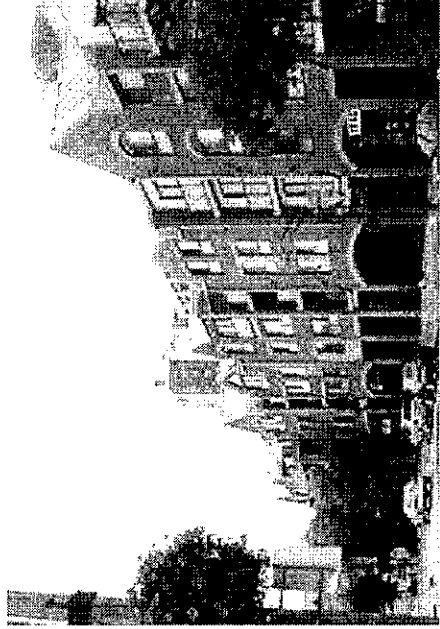
Agenda

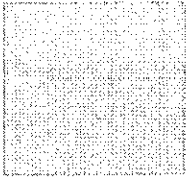
- Background
- Evolution of the GDV Employee education strategy
- Strategy elements –criteria
- Next Steps



Background

- Green Directions Vaughan sets the principles of sustainability and action plans to guide City's operational and regulatory functions
- Part of Vaughan Tomorrow and Vaughan Vision 2020
- Approved by Council in April 2009





Background



What We use

Goal 1: To significantly reduce our use of natural resources and the amount of waste we generate



How & Where We Grow

Goal 2: To ensure sustainable development and redevelopment



How We get around

Goal 3: To ensure that Vaughan is a city that is easy to get around with a low environmental impact



How We live

Goal 4: To create a vibrant community where citizens, business and visitors thrive



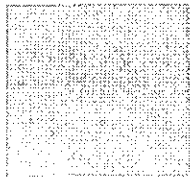
How We lead

Goal 5: To ensure that the City of Vaughan is a leader in environmental issues



How We operate

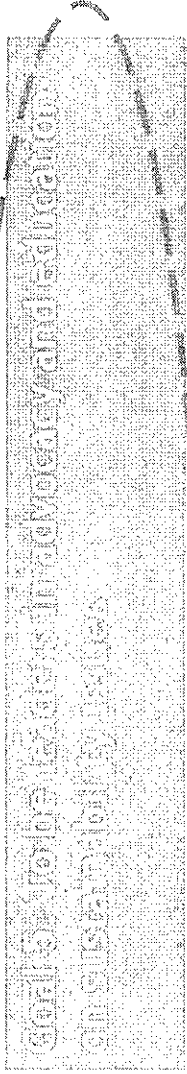
Goal 6: To ensure a supportive system for the implementation of the Community Sustainability and Environmental Master Plan



green
directions
VAUGHAN



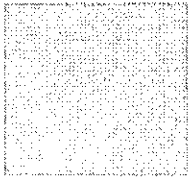
How We lead



- 5.1.5 Develop Environmental Education strategy for staff
- 5.1.3 Use Vaughan Civic Centre/City Hall as learning centre

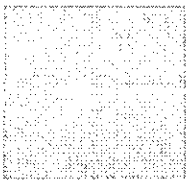
Environment Committee Timelines

- Dec 2009- proceed with internal cultural plan
- May 2010- supported proposed 3 pillar approach
 - news/outreach, resource and campaigns/programs
 - holistic approach – staff~sustainability ambassadors

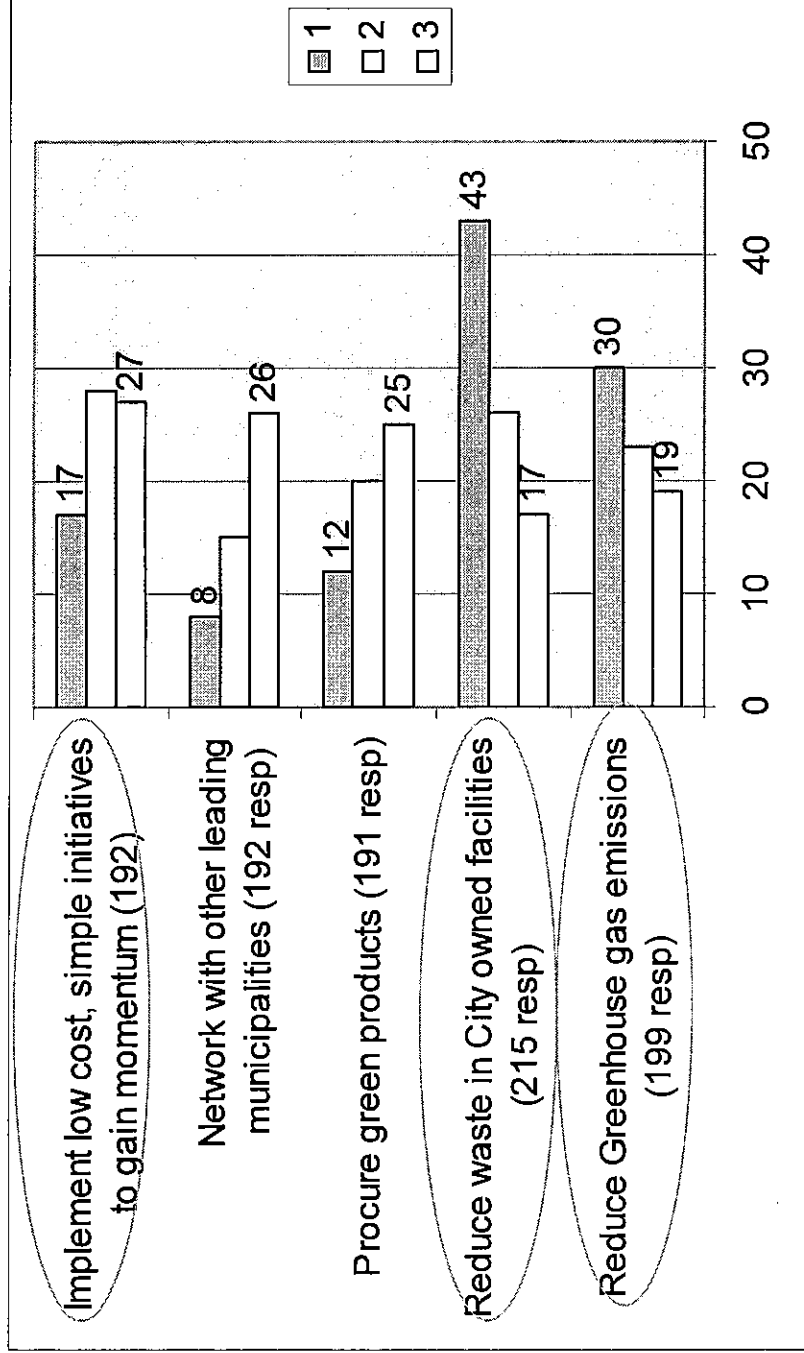


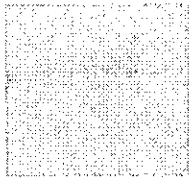
Evolution of the Employee Education Strategy

- Research best practices- env. education
- Accumulate baseline info
- Staff engagement survey
- Employee Environmental Education
Internal Advisory Team
- SMT feedback

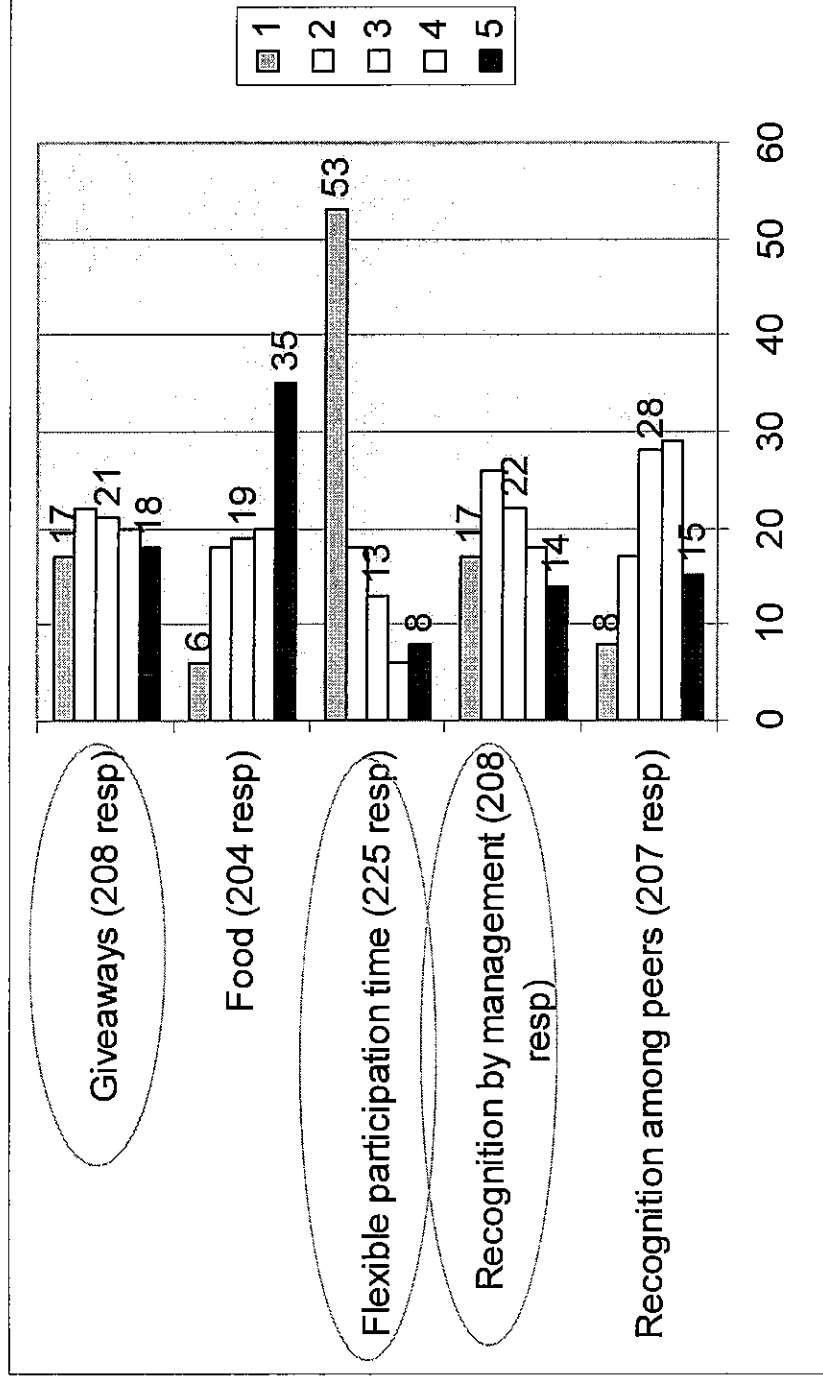


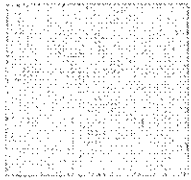
What actions should be a priority for the City? (Rank 1,2,3)



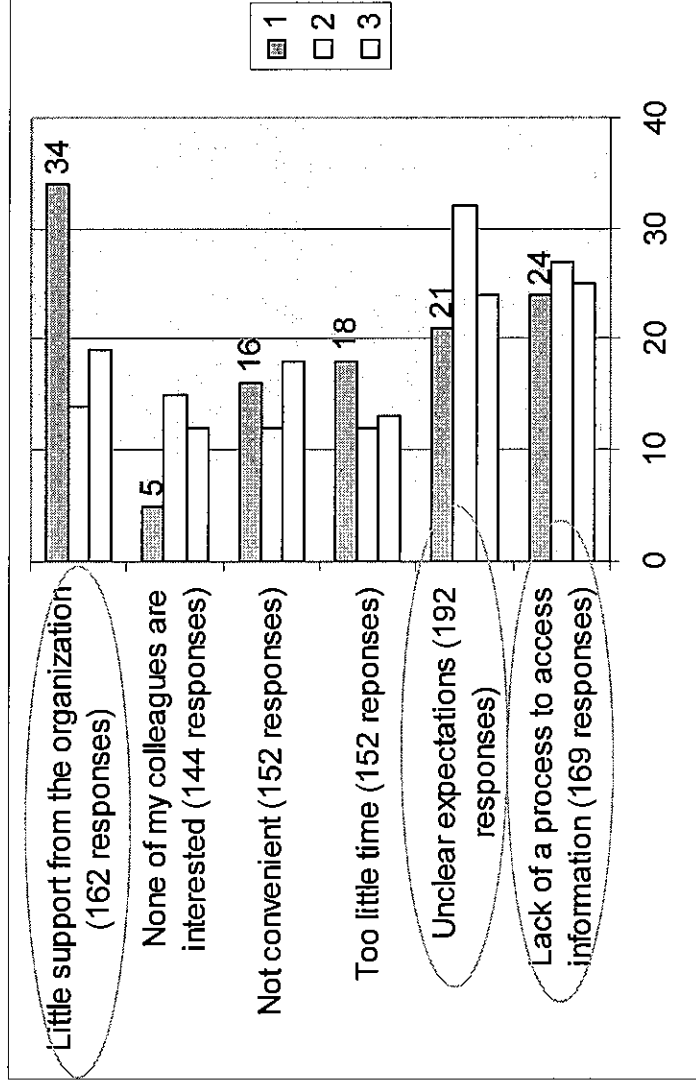


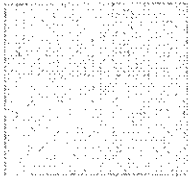
What would motivate you to participate in an employee environmental /sustainability education program ? (Rank 1-5 with 1 being the highest contributing factor)





What are the top 3 barriers that you face in making more pro-environmental decisions at work?

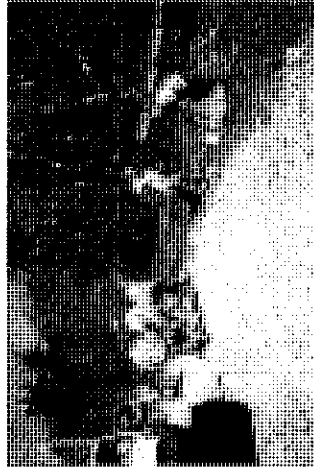




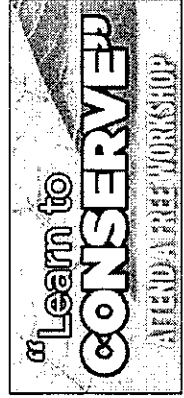
Strategy Elements- Criteria

- Low-cost, simple initiatives to build momentum
- Behaviour change techniques required
 - Social marketing, Environmental psychology
- Cultural shift – environmental actions become the norm

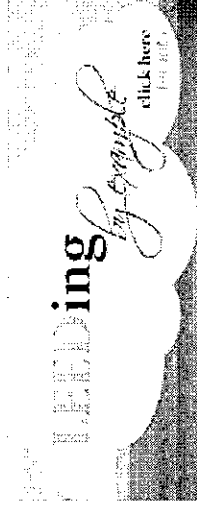
Employee Education Strategy Components



- 20 min Makeover



- Caught 'Green Handed'



- Quarterly Newsletter: December 2010

- Vaughan Unplugged

- Success Stories/case studies

- Reporting

- Greening the Employee Handbook

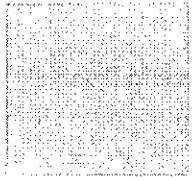
- VOL-GDV Employee Education webpage

Vaughan Online > Senior Management > Commissioner of Economic / Technology Development and Communications > Econ- Education



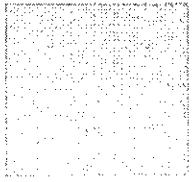
Green Directions Vaughan Employee Education

Education is the cornerstone of any transformation. Education will support and promote sustainability at the City of Vaughan. The goal of the education workplan is to provide resources that will allow them to operate in a more sustainable manner in the work more sustainable lifestyle in their home life. Primary objectives include:



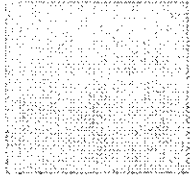
Launch

- Phase I completed – Dec. 2010
- Short presentations on GDV to outside staff
Status: Public Works- 3 completed
Parks & Forestry Ops – 2 completed
Rec & Culture, Library Services-sched.
- Open house for all Departments – Mar 2011



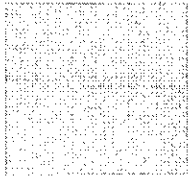
Next Steps

- Implement Workplan
- Monitor metrics
- Determine integration with business and citizen env. education strategy
- Identify continual Improvement opportunities



Summary

- GDV-Goal 5-How we Lead
 - 5.1.5 Develop Environmental Education strategy for staff
- Evolution of the strategy
- 3 key criteria to develop elements
- 13 initiatives – phased approach



Green
directions
SOLUTIONS

**If you have any further comments
or questions, please contact:**

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Sustainability Coordinator