



Plasco Trail Road

Public Meeting
January 27th, 2011



Agenda

1. Welcome/Introductions
2. Plasco Trail Road (PTR) History
3. PTR Performance
4. The End of One Operational Era
5. The Ontario EA Screening Process
6. The EA Screening Checklist
7. Public Consultation
8. Q&A

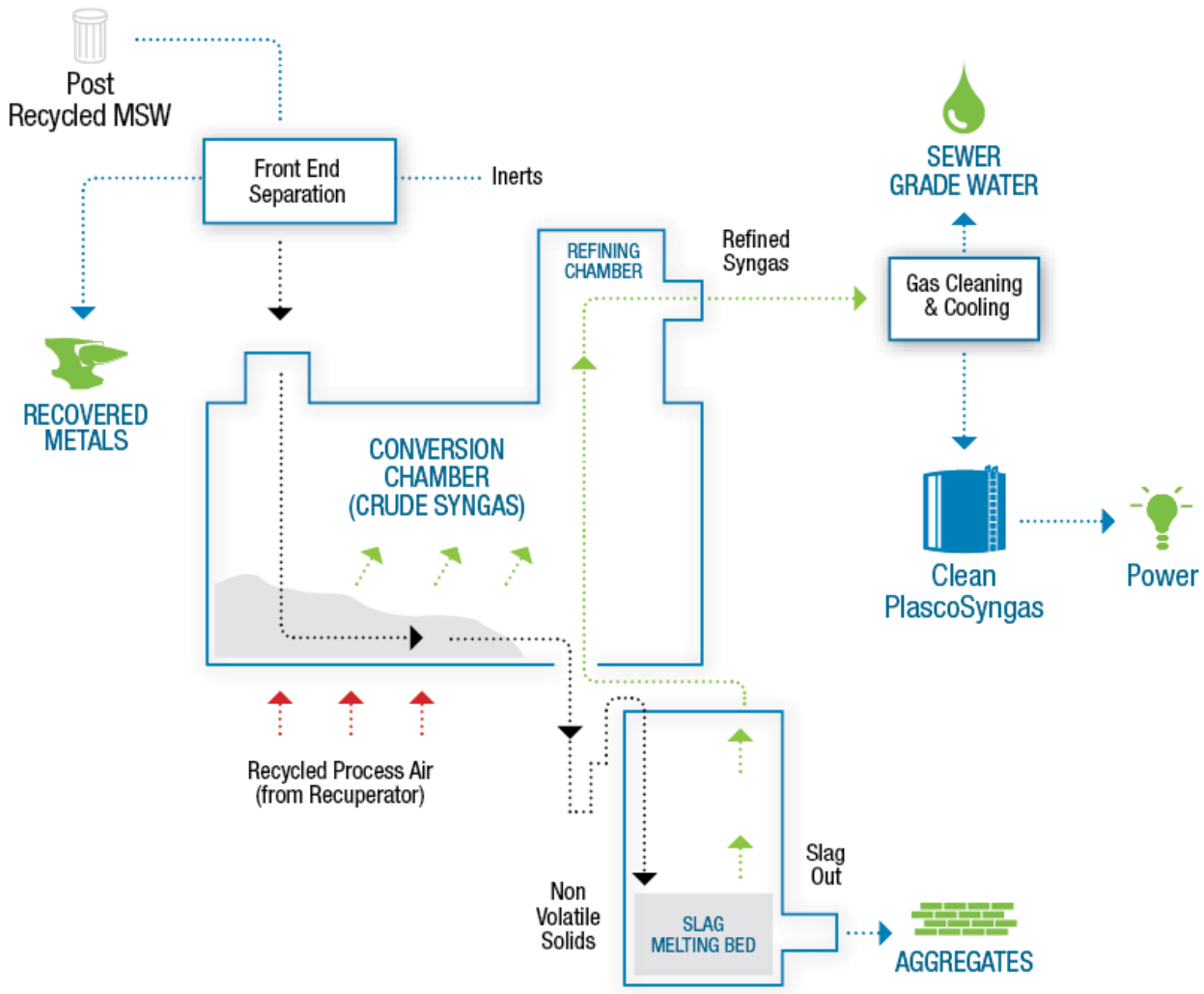


PTR History

PTR Milestones

Sept 2006	Construction at PTR began
June 2007	Construction completed
Jan 25, 2008	PTR processes MSW
Feb 1, 2008	PTR runs GE Jenbacher engines with syngas
July - October 2008	Front end feed system redesigned and replaced
March 2009	Water treatment plant operational
Oct, 2009	SDTC announces completion of Plasco Project
Summer 2010	\$5 Million in process upgrades added to PTR
Fall 2010	Availability/Endurance Run Completed (24x7x3)
December 2010	Compliance Testing at the engines and flare
Dec. 23, 2010	Notice of Commencement Issued for EA Screening Process
January 21, 2011	Certificates of Approvals (Waste and Air) Expire

The Plasco Conversion Process at PTR



Demonstrated Success



Over two years of operations at PTR have demonstrated:

- Delivery of engine-quality syngas that supports 0.96 MWh/tonne of electricity production (14,200 MJ/tonne)
- Conversion efficiencies at or above expectations
- Compliant environmental performance
- Generation of electricity that can be sold to the local utility
- Production of commercially acceptable vitrified slag
- Water production that meets City of Ottawa municipal sewer standards

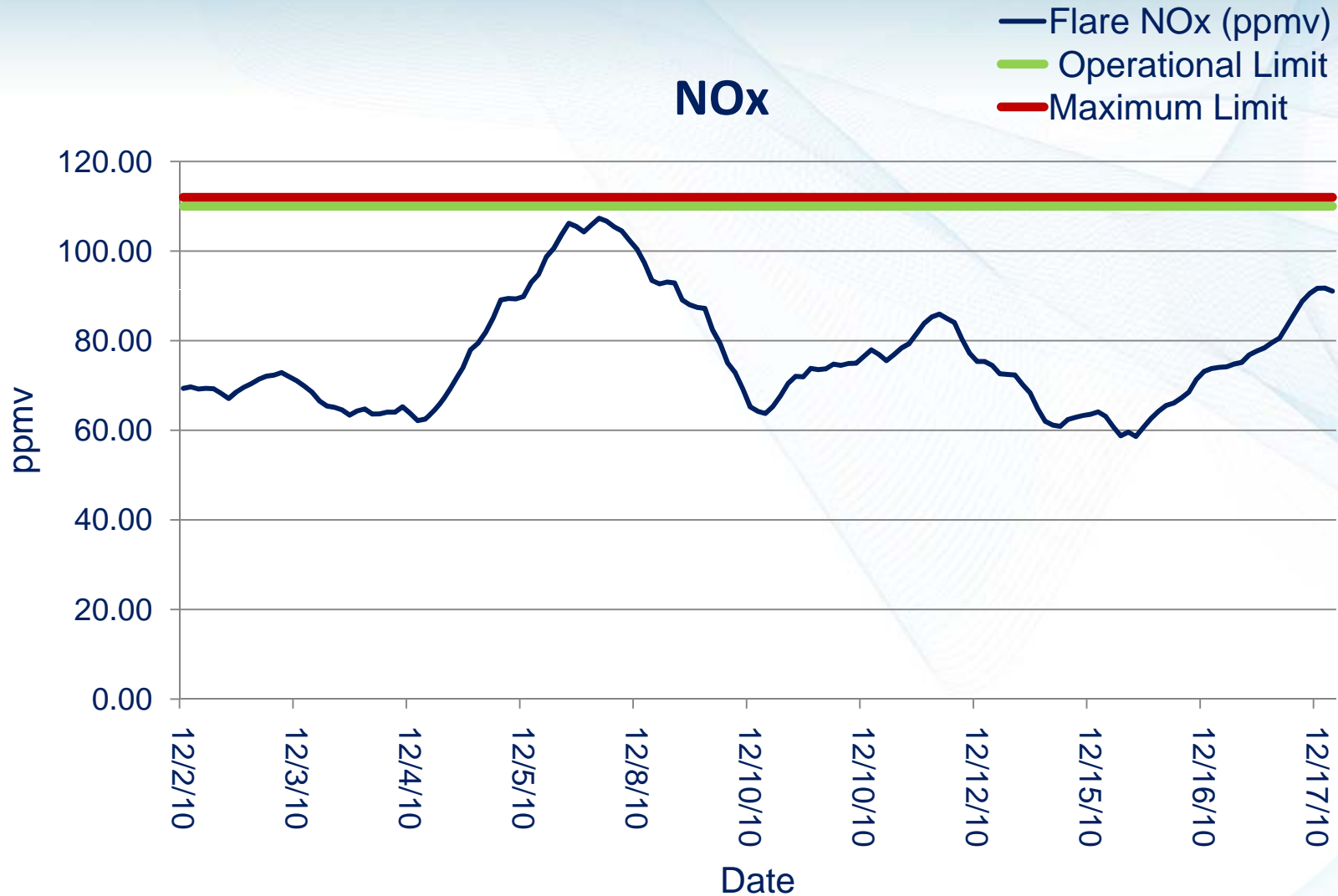
PTR Availability and Endurance Run

November 2010

Availability	93%
Throughput	841.5 Tonnes
Elapsed Time	537.5 hours (22.4days)
Elapsed Test Time	382 hours (16days)
Maintenance Time	27 hours
Run Time	355 hours (15days)
Engine Run Time	255 hours
MWH Generated	124 MWh



PTR Environmental Performance – CEM



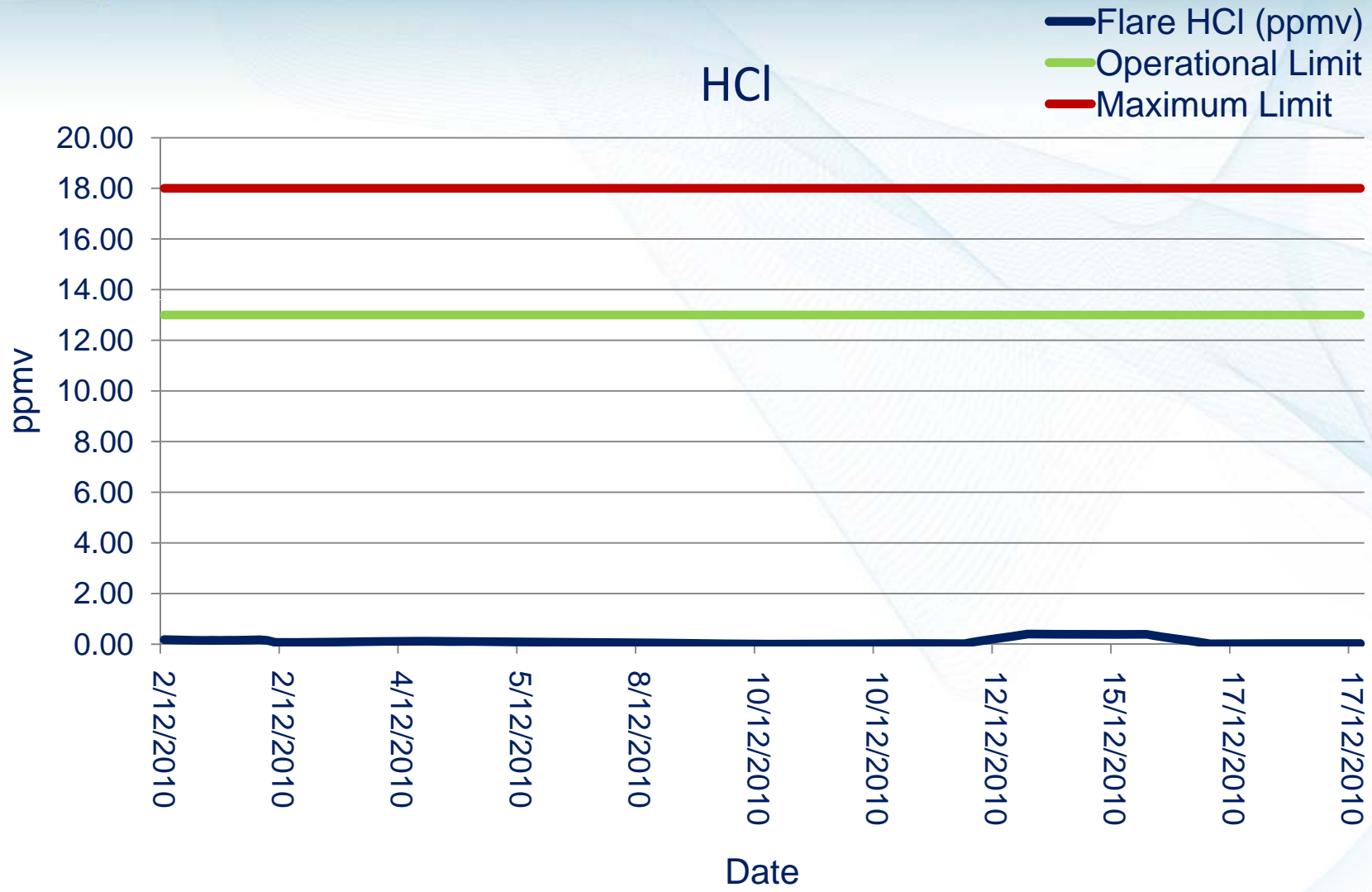
CEMS data as submitted to the MOE during Source Testing in December 2010

PTR Environmental Performance – CEM



CEMS data as submitted to the MOE during Source Testing in December 2010

PTR Environmental Performance – CEM

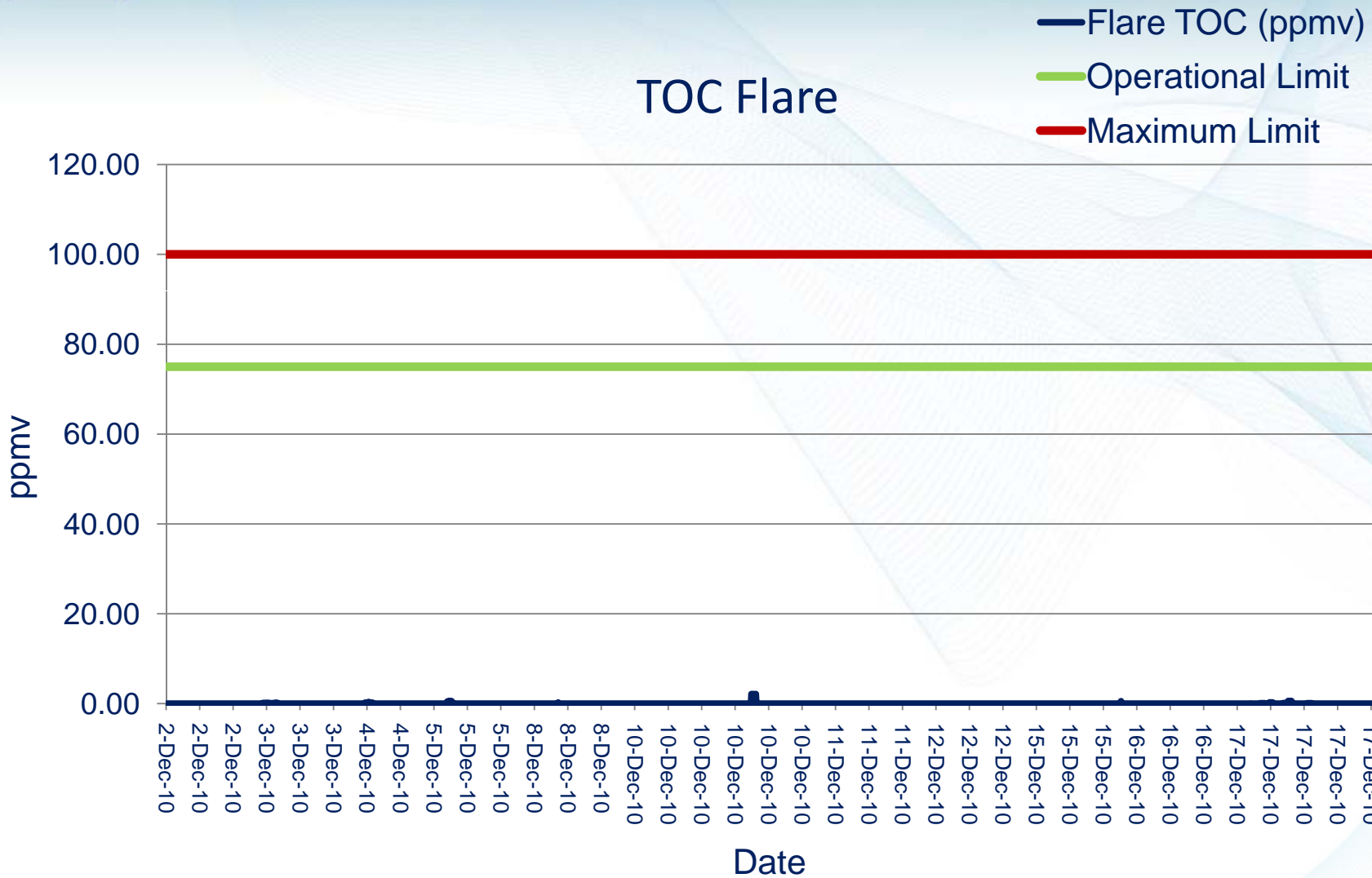


CEMS data as submitted to the MOE during Source Testing in December 2010



PlascoEnergy
GROUP

PTR Environmental Performance - CEM



CEMS data (Ortech) as submitted to the MOE during Source Testing in December 2010



PTR Environmental Performance – Source Test

Municipal Solid Waste

Contaminant	Maximum Limit	Operational Limit	Flare Exhaust with Engine No.1 Exhaust	Flare Exhaust with Assist Gas	Engine No.1 Exhaust
Particulate Matter (mg/Rm ³)	17	12	0.73	0.84	1.04
Mercury (µg/Rm ³)	20	-	0.17	0.20	0.070
Cadmium (µg/Rm ³)	14	-	0.042	0.067	<0.021
Lead (µg/Rm ³)	142	-	0.20	0.26	0.037
Dioxins and Furans (pg TEQ/Rm ³)	80	40	<1.47	<1.69	<1.15

Interim data as submitted to the MOE, adjusted to 11% oxygen

Community Involvement

Permitting of PTR

- First commercial-scale conversion technology in Canada
- Transparent approach
- Involved many outreach programs:
 - Plasco Trail Road Public Advisory Committee (10 meetings)
 - Public meetings (4 in total)
 - City Council presentations
 - Community events
 - Public website



Plasco is Ready

- In December 2010 compliance testing at PTR completed
- December 23 2010 Plasco began the Environmental Assessment (EA) Screening Process for Permanent Operation in accordance with the Guide to Environmental Assessment Requirements for Waste Management Projects (O. Reg. 101/07)
- On January 21, 2011 PTR's Special Purpose Regulations Expired
 - O Reg. 253/06 (amended to O.Reg 10/10)
 - O Reg. 254/06 (amended by O.Reg 11/10)
- At the same time the Certificates of Approvals also expired
 - Provisional CofA Waste Disposal Site
 - Certificate of Approval – Air

The EA Screening Process

- Proponent driven process
- Requires consultation with government agencies including the MOE, First Nations, the general public, and other stakeholder groups
- There are 14 steps in the Screening Process. Key elements include:
 - Publication of Notice of Commencement
 - Project Description
 - Screening Criteria Checklist
 - Consultation
 - Publication of an Environmental Screening Report (ESR)
 - Publication of Notice of Completion
 - 60-day public review period of the ESR
 - Submission of Statement of Completion to the Ministry



The EA Screening Process

Screening Criteria Checklist

- The EA Screening Criteria Checklist - infoboards
- Potential environmental issues have been identified – Plasco mitigation detailed
- Plasco invites you to comment using the handout
 - comment on issues identified
 - identify gaps and add to list

Public Consultation

To allow the proponent to “identify and consider concerns and issues and to provide interested persons with an opportunity to receive information about and make meaningful input into the project review and development” (MOE 2007).

Plasco Welcomes Your Feedback

- Comments and questions are welcome throughout the Environmental Assessment Process
- All comments and questions will be documented as part of the consultation program for the Project
- Plasco will attempt to address comments and questions to the best of their ability and in a timely manner
- To submit your comments and questions -
 - Fill out a comments form at this meeting,
 - Call or email Andrea Foottit at 613-591-9438 or afoottit@plascoenergygroup.com

Plasco Trail Road: Permanent Commercial Scale Demonstration and Development Facility





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