

Appendix B

Evaluation Workshop Results

BURLINGTON WEST

Criteria		Sub-Criteria		Score		
Description	Weighting	Description	Sub-Weighting	Option 1	Option 2	Option 3
Financial	40%	O&M Cost	10%	6	8	10
		Financing Flexibility	15%	10	7	4
		Total LCC Cost	75%	10	5	4
		TOTAL	100%	9.60	5.60	4.60
Environmental	25%	Terrestrial environment impact during construction	5%	10	8	6
		Terrestrial environment long term impact	20%	5	8	10
		Aquatic environment impact during construction	15%	4	6	4
		Aquatic environment long term impact	40%	3	6	10
		Ability to meet regulatory constraints	20%	3	8	10
		TOTAL	100%	3.90	6.90	8.90
Social	20%	Visual/Aesthetic Impact during construction	5%	10	7	6
		Visual/Aesthetic Impact – Long Term	15%	4	8	10
		Odour/Noise	20%	4	8	10
		Impact on Adjacent Land (General/Land Use Planning)	10%	10	2	8
		Archaeological	10%	10	7	5
		Heritage	10%	10	7	5
		Reduction of Risk of Basement Flooding	30%	8	9	10
		TOTAL	100%	7.30	7.45	8.60
Operations / Technical	15%	Operations issues	30%	6	9	10
		Ease of maintenance	30%	6	9	10
		Constructability	30%	6	3	10
		Approvals (design compliance)	10%	8	6	10
		TOTAL	100%	6.20	6.90	10.00
TOTAL	100%			7.21	6.49	7.29

BURLINGTON EAST

Criteria		Sub-Criteria		Score		
Description	Weighting	Description	Sub-Weighting	Option 1	Option 2	Option 3
Financial	40%	O&M Cost	10%	1	7	10
		Financing Flexibility	15%	8	10	7
		Total LCC Cost	75%	3	10	8
		TOTAL	100%	3.55	9.70	8.05
Environmental	25%	Terrestrial environment impact during construction	5%	10	9	8
		Terrestrial environment long term impact	20%	5	8	10
		Aquatic environment impact during construction	15%	6	7	10
		Aquatic environment long term impact	40%	3	6	10
		Ability to meet regulatory constraints	20%	7	8	10
		TOTAL	100%	5.00	7.10	9.90
Social	20%	Visual/Aesthetic Impact during construction	5%	10	8	6
		Visual/Aesthetic Impact – Long Term	15%	5	8	10
		Odour/Noise	20%	4	8	10
		Operations and Maintenance Activities – Long Term	0%	0	0	0
		Impact on Adjacent Land (General/Land Use Planning)	10%	2	4	10
		Archaeological	10%	10	6	5
		Heritage	10%	10	7	5
		First Nations	0%	0	0	0
		Reduction of Risk of Basement Flooding	30%	7	8	10
TOTAL	100%	6.35	7.30	8.80		
Operations / Technical	15%	Operations issues	30%	5	8	10
		Ease of maintenance	30%	5	8	10
		Constructability	30%	6	8	10
		Approvals (design compliance)	10%	6	8	10
		TOTAL	100%	5.40	8.00	10.00
TOTAL	100%			4.75	8.32	8.96

OAKVILLE SW - WEST

Criteria		Sub-Criteria		Score		
Description	Weighting	Description	Sub-Weighting	Option 1	Option 2	Option 3
Financial	40%	O&M Cost	10%	7	9	10
		Financing Flexibility	15%	10	4	1
		Total LCC Cost	75%	10	9	8
		TOTAL	100%			
Environmental	25%	Terrestrial environment impact during construction	5%	10	8	8
		Terrestrial environment long term impact	20%	7	7	10
		Aquatic environment impact during construction	15%	7	8	10
		Aquatic environment long term impact	40%	7	8	10
		Ability to meet regulatory constraints	20%	7	8	10
		TOTAL	100%			
Social	20%	Visual/Aesthetic Impact during construction	5%	10	8	6
		Visual/Aesthetic Impact – Long Term	15%	5	8	10
		Odour/Noise	20%	4	8	10
		Impact on Adjacent Land (New Land Requirements)	10%	5	7	10
		Archaeological Impact (including First Nation sites)	10%	10	7	6
		Heritage Impact	10%	10	8	7
		Reduction of Risk of Basement Flooding	30%	2	8	10
		TOTAL	100%			
Operations / Technical	15%	Operations issues	30%	6	8	10
		Ease of maintenance (Health and Safety)	30%	6	8	10
		Constructability	30%	10	7	1
		Approvals (design compliance, C of A)	10%	10	8	8
		TOTAL	100%			
TOTAL	100%					

OAKVILLE SW - EAST

Criteria		Sub-Criteria		Score		
Description	Weighting	Description	Sub-Weighting	Option 1	Option 2	Option 3
Financial	40%	O&M Cost	10%	6	8	10
		Financing Flexibility	15%	10	4	1
		Total LCC Cost	75%	10	8	6
		TOTAL	100%	9.60	7.40	5.65
Environmental	25%	Terrestrial environment impact during construction	5%	10	7	5
		Terrestrial environment long term impact	20%	5	8	10
		Aquatic environment impact during construction	15%	10	5	5
		Aquatic environment long term impact	40%	3	8	10
		Ability to meet regulatory constraints	20%	7	7	8
		TOTAL	100%	5.60	7.30	8.60
Social	20%	Visual/Aesthetic Impact during construction	5%	10	8	6
		Visual/Aesthetic Impact – Long Term	15%	5	8	10
		Odour/Noise	20%	4	8	10
		Operations and Maintenance Activities – Long Term	0%	0	0	0
		Impact on Adjacent Land (General/Land Use Planning)	10%	5	5	10
		Archaeological	10%	10	7	5
		Heritage	10%	10	6	4
		First Nations	0%	0	0	0
		Reduction of Risk of Basement Flooding	30%	6	8	10
TOTAL	100%	6.35	7.40	8.70		
Operations / Technical	15%	Operations issues	30%	4	6	10
		Ease of maintenance	30%	6	8	10
		Constructability	30%	10	3	2
		Approvals (design compliance)	10%	10	6	8
		TOTAL	100%	7.00	5.70	7.40
TOTAL	100%			7.56	7.12	7.26

OAKVILLE SE

Criteria		Sub-Criteria		Score		
Description	Weighting	Description	Sub-Weighting	Option 1	Option 2	Option 3
Financial	40%	O&M Cost	10%	1	2	10
		Financing Flexibility	15%	10	4	1
		Total LCC Cost	75%	7	6	10
		TOTAL	100%	6.85	5.30	8.65
Environmental	25%	Terrestrial environment impact during construction	5%	10	7	6
		Terrestrial environment long term impact	20%	6	9	10
		Aquatic environment impact during construction	15%	10	8	8
		Aquatic environment long term impact	40%	5	9	10
		Ability to meet regulatory constraints	20%	6	8	10
		TOTAL	100%	6.40	8.55	9.50
Social	20%	Visual/Aesthetic Impact during construction	5%	10	8	6
		Visual/Aesthetic Impact – Long Term	15%	6	8	10
		Odour/Noise	20%	4	6	10
			0%	0	0	0
		Impact on Adjacent Land (General/Land Use Planning)	10%	5	7	10
		Archaeological	10%	10	8	6
		Heritage	10%	10	8	6
			0%	0	0	0
		Reduction of Risk of Basement Flooding	30%	6	8	10
TOTAL	100%	6.50	7.50	9.00		
Operations / Technical	15%	Operations issues	30%	6	8	10
		Ease of maintenance	30%	6	8	10
		Constructability	30%	10	5	2
		Approvals (design compliance)	10%	10	9	8
		TOTAL	100%	7.60	7.20	7.40
TOTAL	100%			6.78	6.84	8.75