



APPENDIX D

Environmental Monitor and Inspector Reports



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Golder Project/Task #s: 12-1181-0188 4000				
Project Contacts		Mobile #s	EASC Monitoring Field Observations/Logistics	
Covenant Contact:	Jim Dainoff	1-800-422-6360	Date(s):	Oct 4/13 Time(s) of Day: 2:30 - 3:15
Courtrise Power Partners Site Contact	Jeff Bostard	416-674-6825	Field Staff:	A.C. Balla
Courtrise Power Partners AS Site Contact/HSS Coord	Jessica Campbell	847-537-3779	Health & Safety PPE/Orientation (Y/N, details):	
Golder PM/Water Resources Engineer/PE/EG	Steve Auger	280-884-0588	Antecedent Weather Conditions:	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-408-0386	Other Notables:	
Golder PDB/Solar Water Resources Engineer:	Terry Whitford	416-473-3800		
Golder AS CE/Field Specialist	Nick Gornik	418-923-8901		
Golder SW Field Specialist				

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrise Power Partners

EASC Measure	Location	Performance	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter SB Fencing	Strategic, Down gradient Fences Around Site Perimeter		Y	FENCE FULLY INTACT & STABLE. NO TEARS IN SILT FENCE
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEGETATION HEALTHY & UNDISTURBED
Vehicular Entrance to the site			Y	CLEAR - FLUSHED & CLEANED OCT 4/13
Stockpiles (Nos. 1, 2, Working, Construction PB)			Y	STOCKPILE ON EAST INTACT NO SIGNS OF EROSION / WEST STOCKPILE ALMOST FULLY REMOVED
Interceptor Soils, including Rock Check Dams	Around Site Perimeter		Y	SWALES ALONG WEST SIDE RE-DRESSED
Minor pumping/controlled discharge Efforts			Y	NONE @ TIME
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL ADDITIONAL MEASURES STILL IN PLACE.

* EXCAVATION SPOILS FROM ENBRIDGE SUBCONTRACTOR INSTALLING NG LINE OUTSIDE SITE PLACED ON BOULEVARD AT SITE ENTRANCE W/O ESC PROTECTIONS; CATCH BASINS ARE PROTECTED & MONITORED BY PROJECT TEAM AND NO IMPACT TO DATE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtnice Power Partners

ES&C Measures	Time of Observation (if notable/significant)	Discrepancies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	3:05		Y	CONSTRUCTION COMPLETE HYDROSEED BEING SPREAD TUESDAY
East SWM Pond	3:10		Y	" " "
Downstream Receiving Swale	3:20		Y	NO PUMPING FROM PONDS

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt 'by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): ^{SEPT 30, 2013} Y Details: ON-SITE TO COLLECT SEPTEMBER SAMPLES-

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	1000	Y	WATER LEVEL TO LOW FOR DISCHARGE - PONDS APPEAR TURBID.
West SWM Pond	1010	Y	" "
Downstream Receiving Swale	SW1 (US) Station: 945/ SW2 (DS) Station: 11015	Y	SW1 LOCATION MOVED TO UPSTREAM OF CULVERT, CLEAR SW2 - MOVED TO WEST OF CONATICE RD, DRY
Todley Creek	SW3 (US) Station: 1030/ SW4 (DS) Station: 1045	Y	SW3 - SLIGHTLY MILKY, LOW FLOW SW4 - CLEAR TO MILKY - VERY LOW FLOW

Sign-off

Courtnice Power Partners Representative/EMI: A. CIRIELLA
 Golder Field Representative/CEP: D. WITHERIDGE ^{FIELD TECH}
 Courtnice Representative: JAMES DELANEY
 Signature: [Signature]
 Signature: [Signature] → SEPT 30, 2013 C.P.E.S.C. [Signature]



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
Golder Project/Task#: 12-1151-0125 4000

Project Contacts		Mobile #s	ES&C Monitoring Field Observations/Logistics	
Contract Contact	Jim DeLaney	1-800-422-5350	Date(s): <u>JULY 5/13</u>	Time(s) of EMI: _____
Courice Power Partners Site Contact	Jeff Buford	416-574-9825	<u>3:00</u>	(start-finish) _____
Courice Power Partners Alt Site Contact/H&S Coord	Janece Campbell	847-837-3779	<u>8:15</u>	Field Staff: <u>A. CIPOLLA</u>
Golder PM/Water Resources Engineer/CPE&C	Steve Auger	289-434-8558	Health & Safety PPE/Orientation (Y/N, details): _____	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions: _____	
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	<u>NO MILKMAKES @ TIME OF WALK</u>	
Golder Alt CEP/Field Specialist	Nick Gorski	416-902-6601	Other Notables: _____	
Golder SW Field Specialist			_____	

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

ES&C Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	NO DEFICIENCIES @ TIME OF INSPECTION.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEGETATION IS HEALTHY NO ISSUES
Vehicular Entrance to the site			Y	ENTRANCE CLEAR, MAINTAINED DAILY.
Stock Piles (Nos. 1, 2, Working, Construction Fill)			Y	STOCK PILES INTACT NO SIGNS OF EROSION
Interceptor Swale, including Rock Check Dams	Around Site Perimeter	CHECK DAMS NEED CLEANING - Y/N	Y	
Mixer pumping/controlled discharge Efforts		ONE DRY WEATHER IS CONSISTANT.	Y	NONE @ TIME OF WALK
Additional ES&C Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL MEASURES IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice Power Partners				
ES&C Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond			Y	No pumping @ TIME
East SWM Pond			Y	POND STILL HASN'T BEEN PUMPED SINCE INCIDENT
Downstream Receiving Swale			Y	NO PUMPING
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Y	Details: July 2, 2013 - Spill Response to June 28, 2013 incident	
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	1:55 pm	Y	Spill containment boom still in place at E-SWMP (inlet). Sampling for mineral oil + grease carried at inside and outside of boom location. Sheen observed inside and outside of boom location. No discharge evident from E-SWMP-OUT with >1m distance from water level in pond to temp inlet pipe invert and no sheen noted at E-SWMP-OUT.	
West SWM Pond	2:30 pm	Y	No evidence of any spill migration to this swmp feature.	
Downstream Receiving Swale	SW1 (US) Station:	3:25 pm	Y	No sheen or odours present. Algae present, low flow.
	SW2 (DS) Station:	3:45 pm	Y	Water level higher than usual, medium flow. No odour, no sheen observed.
Tooley Creek	SW3 (US) Station:	4:05 pm	Y	Low flow, low water level, no sheen present.
	SW4 (DS) Station:	4:03 pm	Y	No odour, no sheen observed.
Sign-off				
Coutrice Power Partners Representative/EMI	Print Name: J. C. POPE, A.			
Golder Field Representative/CFP	Print Name: Steve Jones			
Covanta Representative:	Print Name: Steve Haldenby			

of E-SWMP-IN at boom location as well as receiving water after spill clean-up at boom location was planned.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#s: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&S Monitoring Field Observations/Logistics
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>Aug 6/13</u> Time(s) of EMI: _____ Field Staff: <u>A. CIPOLLA</u>
Courlice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish) _____
Courlice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	<u>3:00-4:00</u>
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: <u>NO MILKSNAKES @ TIME OF INSPECTION</u>
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	_____
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-8801	_____
Golder SW Field Specialists			Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courlice Power Partners

E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	ALL SILT FENCE ALONG PERIMETER INTACT AND NO TEARS WERE VISIBLE @ TIME OF WALK
Preservation of Natural Vegetation	All around site perimeter		Y	VEGETATION HEALTHY, GROWING WELL.
Vehicular Entrance to the site			Y	ENTRANCE CLEAR - SWEEP/FLUSH DONE AUG 01
Stock Piles (No s 1, 2, Working, Construction Fill)			Y	STOCK PILES INTACT NO SIGNS OF EROSION.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	SWALES CLEAR CLEANED OUT SEPS
Minor pumping/controlled discharge Efforts			Y	NONE @ TIME OF WALK
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL TEMP MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrace Power Partners				
EASC Measures	Time of Observation (If notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	3:40		Y	No Pumping @ TIME
East SWM Pond	3:45		Y	CONSTRUCTION NEARLY COMPLETE/CUTFALL PILING TO BE INSTALLED MONDAY
Downstream Receiving Swale	3:50		Y	NO PUMPING @ TIME
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N): _____		Details: _____		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond				
West SWM Pond				
Downstream Receiving Swale	SW1 (US) Station:			
	SW2 (DS) Station:			
Tooley Creek	SW3 (US) Station:			
	SW4 (DS) Station:			
Sign-off				
Courtrace Power Partners Representative/EMI	Print Name <u>A. Cipolla</u>	Signature 		
Golder Field Representative/CEP:	<u>Steve Ager</u>			
Covanta Representative:	<u>D. Hildon</u>			



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1181-0185_4000			
Project Contacts:		Mobile #:	ES&C Monitoring Field Observations/Logistics
Company Contact:	Jim Delaney	1-888-422-6380	Date(s): 07/08/2013 Time(s) of EMI: 7:00 (start-finish) Field Staff: ANTHONY CIRALA
Courtnice Power Partners Site Contact:	Jeff Budard	418-574-8328	
Courtnice Power Partners All Site Contact/H&S Coord:	Janice Campbell	847-537-3779	
Golder PM/Water Resources Engineer/CPESC:	Steve Asper	289-884-0299	Health & Safety PPE/Orientation (Y/N, details):
Golder Waste Services Contact/Local H&S Coordinator:	Arny Surka	908-468-8366	Antecedent Weather Conditions: NO MILKSHAPES SEEN @ TIME OF WALK
Golder PDR/Soil Water Resources Engineer:	Tony Winhold	418-473-2800	
Golder Air CEP/Field Specialist:	Nick Gorski	418-802-8001	
Golder SW Field Specialist:			Other Notables:

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtnice Power Partners

E&S Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter ERI Fencing	Strategic, Down gradient Reaches Around ERI Perimeter		Y	SILT FENCE IN GOOD ORDER, FENCE ALONG SOUTH EXTERIOR FENCE REPAIRED
Preservation of Natural Vegetation	All around site perimeter		Y	VEGETATION HEALTHY IN GOOD ORDER
Vehicular Entrance to the site			Y	ENTRANCE CLEANED DAILY
Stockpiles (No s 1, 2, Working, Construction Fill)			Y	STOCKPILES HOLDING, NO SIGNS OF EROSION
Interceptor Basins, including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS CLEAR AND RECENTLY CLEARED
Minor pumping/controlled discharge Efforts			Y	NONE @ TIME OF WALK
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL ADDITIONAL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courville Power Partners				
RASC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	2:20		Y	POND BEING DISCHARGED
East SWM Pond	2:25		Y	POND BEING DISCHARGED
Downstream Receiving Swale	2:30		Y	WATER LEAVING SITE CLEAR
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		—		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	
	SW2 (DS) Station:	—	—	
Teckley Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station:	—	—	
Sign-off				
Courville Power Partners Representative/EMI	Print Name ANTHONY CIPICCA	Signature 		
Golder Field Representative/CEP:	FRANK HUGER	Signature 		
Covanta Representative:	BOB STEWART	Signature 		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&S Monitoring Field Observations/Logistics
Covenant Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>Aug 9th/13</u> Time(s) of EMI: _____ Field Staff: <u>A. CIPOLLA</u>
Courtrice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish) _____
Courtrice Power Partners All Site Contact/H&S Coord	Janice Campbell	647-537-3779	<u>4:20PM</u>
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: _____
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	<u>* NO MILKSNAKES SEEN @ TIME OF</u>
Golder AR CEP/Field Specialist	Nick Gorski	416-802-6601	_____
Golder SW Field Specialists			Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	- A NOTE DEFICIENCY WAS NOTED AND DISCUSSED W/ COCO ABOUT SOUTH SILT FENCE	N	
Preservation of Natural Vegetation	All around site perimeter		N	VEGETATION HEALTHY, GROWING WELL
Vehicular Entrance to the site			N	ENTRANCE SWEEP BY CENTENAC SWEEPING 05/08/13
Stock Piles (Nos 1, 2, Working, Construction Fill)			N	HOLDING WELL, NO EROSION
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		N	SWALES CLEAR/CLEAN
Minor pumping/controlled discharge Efforts			N	NO PUMPING @ TIME
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			N	ALL ADDITIONAL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice Power Partners				
E&SC Measures	Time of Observation (If notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	4:15		N	NO PUMPING @ TIME
East SWM Pond	4:20		N	NO PUMPING
Downstream Receiving Swale	4:25		N	NO PUMPING
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station: —	—	—	
	SW2 (DS) Station: —	—	—	
Toohey Creek	SW3 (US) Station: —	—	—	
	SW4 (DS) Station: —	—	—	
Sign-off				
Print Name		Signature		
Coutrice Power Partners Representative/EMI				
Golder Field Representative/CEP:				
Covanta Representative:				



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrie Power Partners				
ES&C Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond			N	PUMPING WAS NOT TAKING PLACE
East SWM Pond			N	NO PUMPING FROM THIS POND SINCE SPILL
Downstream Receiving Swale			N	NO PUMPING @ TIME
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
Y		June 10, 2013 - Spill Response to June 28, 2013 Incident		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond		Y	spill containment booms still in place (2), sampling for oil traces and outside of boom locations. No discharge evident from E-Sump-out.	
West SWM Pond			No evidence of any spill migration to this sump feature. Ground booms when disturbed and flow water level in pond high from rain event. (above 2nd boom)	
Downstream Receiving Swale	SW1 (US) Station: SW2 (DS) Station:		No sheen or odour present. Algae present. low flow. organic debris present	
Todley Creek	SW3 (US) Station: SW4 (DS) Station:		} Low flow, low water level } no sheen, no odour observed	
Sign-off				
Courtrie Power Partners Representative/EMI	Print Name: A. CIRIOCCA	Signature: [Signature]		
Golder Field Representative/CEP:	JEFF AUGER	Signature: [Signature]		
Covanta Representative:	Dave Halderby	Signature: [Signature]		

SC occurred inside out. Minor sheen not being towards inlet, (above 2nd boom) out* locations dry.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#: 12-1151-0155_4000

Project Contacts		Mobile #s	E&S Monitoring Field Observations/Logistics	
Contract Contact:	Jim Delaney	1-850-422-6350	Date(s):	July 12/13
Courtnice Power Partners Site Contact:	Jeff Bedard	416-574-5525	Time(s) of EMI:	4:00 PM - 4:45 PM
Courtnice Power Partners Alt Site Contact/H&S Coord:	Jantice Campbell	847-537-3779	(start-finish)	
Golder PM/Water Resources Engineer/CPE&C:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-8355	Antecedent Weather Conditions:	
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800		
Golder Alt CEP/Field Specialist:	Nick Gorski	416-802-6901		
Golder SW Field Specialist:			Other Notable:	NO MILKSHAKES SEEN @ TIME OF VISIT

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtnice Power Partners

ES&C Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		N	NONE OBSERVED @ TIME OF INSPECTION
Preservation of Natural Vegetation	All around site perimeter		N	ALL VEGETATION HEALTHY & IN GOOD ORDER
Vehicular Entrance to the site			N	ENTRANCE IS MAINTAINED DAILY - STREET FRESH/SAFEP DONE JULY 10&12
Stock Piles (No.s 1, 2, Working, Construction Fill)			N	STOCK PILES INTACT, NO SIGNS OF EROSION.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		N	SWALES IN NEED OF CLEANING.
Minor pumping/controlled discharge Efforts			N	NONE @ TIME OF INSPECTION
Additional ES&C Measures: - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection			N	ALL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
 Golder Project/Task#: 12-1151-0155_4000

Project Contacts	Mobile #s	E&SC Monitoring Field Observations/Logistics
Covenant Contact: Jim Delaney	1-560-422-5350	Date(s): Feb 13/13 Time(s) of EMI: _____ Field Staff: A. CIROCCA
Courtrice Power Partners Site Contact: Jeff Badard	416-574-5525	(start-finish) _____
Courtrice Power Partners All Site Contact/H&S Coord: Janice Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details): _____
Golder PM/Water Resources Engineer/CPE&C: Steve Auger	289-594-0555	Antecedent Weather Conditions: > NO MILK SNAKES @ TIME OF INSPECTION
Golder Waste Services Contact/Local H&S Coordinator: Amy Burke	905-409-9355	Other Notables: _____
Golder PD/Senior Water Resources Engineer: Terry Winhold	416-473-2800	
Golder AR CEP/Field Specialist: Nick Goraki	416-502-6601	
Golder SW Field Specialists		

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	NEW SILT FENCE WAS ADDED TO THE PERMANENT SOUTH PERIMETER FENCE THIS HAS BEEN CONFIRMED AS OF 17/09/13
Preservation of Natural Vegetation	All around site perimeter		Y	VEGETATION HEALTHY AND IS SHOWING NO SIGNS OF DECAY
Vehicular Entrance to the site			Y	ENTRANCE CLEAR AND WASHED WEEKLY - WASHED 17/09/13
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	STOCK PILES HEADING, WEST STOCKPILE IS BEING SPREAD AS OF 17/09/13
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	SWALES ARE CLEAR - RECENTLY CLEARED 04/09/13
Minor pumping/controlled discharge Efforts			Y	NO PUMPING @ TIME OF INSPECTION
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL TEMP MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtice Power Partners				
E&S Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	6:00		Y	POND LOW - NO PUMPING @ TIME
East SWM Pond	6:10		Y	CONSTRUCTION COMPLETE IN EAST POND - TOP SOIL BEING SPREAD 17/09/13
Downstream Receiving Swale	6:20		Y	NO PUMPING @ TIME.
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		---		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	---	---	---	
West SWM Pond	---	---	---	
Downstream Receiving Swale	SW1 (US) Station:	---	---	
	SW2 (DS) Station:	---	---	
Toolby Creek	SW3 (US) Station:	---	---	
	SW4 (DS) Station:	---	---	
Sign-off				
Courtice Power Partners Representative/EMI	Print Name A. C. [Signature]	[Signature]		
Golder Field Representative/CEP:	Steve [Signature]	[Signature]		
Covanta Representative:	D. Haddenby	[Signature]		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Tasks: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covenant Contact:	Jim Delaney	1-860-422-6360	Date(s): <u>Aug 16/13</u> Time(s) of EMI: <u>4-4:30 PM</u> Field Staff: <u>A.C. CIRIELLA</u>
Courtrice Power Partners Site Contact	Jeff Badard	416-574-5525	(start-finish) _____
Courtrice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	<u>4:00</u>
Golder PM/Water Resources Engineer/CPEEC:	Steve Auger	260-804-0555	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: <u>DRY, SUNNY</u>
Golder PDI/Senior Water Resources Engineer:	Terry Wisfold	416-473-2850	_____
Golder All CEP/Field Specialist	Nick Gorski	416-802-9801	_____
Golder SW Field Specialist			Other Notables: <u>* NO WILK SNIKES OBSERVED</u>

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		N	SILT FENCE NOTED FROM LAST WK REPAIRED
Preservation of Natural Vegetation	All around site perimeter		N	NATURAL VEG GROWING WELL
Vehicular Entrance to the site			N	ENTRANCE CLEAR/CLEAN
Stock Piles (No.s 1, 2, Working, Construction Fill)			N	Stock PILES HOLDING WELL
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		N	CHECK DAMS CLEAR/WELL FLOWING
Minor pumping/controlled discharge Efforts			W	NO PUMPING @ TIME
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			W	ALL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtoice Power Partners				
E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	4:15		N	NO PUMPING @ TIME POND BEING PREPARED FOR
East SWM Pond	4:20		N	
Downstream Receiving Swale	4:30		N	
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		-		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	-	-	-	
West SWM Pond	-	-	-	
Downstream Receiving Swale	SW1 (US) Station:	-	-	
	SW2 (DS) Station:	-	-	
Tooley Creek	SW3 (US) Station:	-	-	
	SW4 (DS) Station:	-	-	
Sign-off				
Courtoice Power Partners Representative/EMI	Print Name A. CIRIOIA	Signature 		
Golder Field Representative/CEP:	STEVE AUGER			
Covanta Representative:				



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covanta Contact:	Jim Deisney	1-860-422-5350	Date(s): <u>July 19/13</u> Time(s) of EMI: _____ Field Staff: <u>A. CIPOLLA</u>
Courtrice Power Partners Site Contact:	Jeff Bedard	416-574-5525	(start-finish) _____
Courtrice Power Partners Alt Site Contact/H&S Coord:	Janice Campbell	647-537-3779	<u>9:00 - 4:30</u>
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: <u>NO MILKSNAKES SEEN @ TIME OF INSPECTION</u>
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	_____
Golder Alt CEP/Field Specialist:	Nick Gorski	418-802-8601	_____
Golder SW Field Specialists			Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		W	SILT FENCE INTACT AROUND PERIMETER FENCE. NO SIGNS OF TEARS OR MISSING SECTIONS
Preservation of Natural Vegetation	All around site perimeter		W	VEGETATION HEALTHY, PROTECTED SPECIES REMAIN.
Vehicular Entrance to the site			W	CLEAN OF DEBRIS, DAILY SWEEPING
Stock Piles (No.s 1, 2, Working, Construction Fill)			W	INTACT NO SIGNS OF EROSION.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		W	CHECK DAMS IN NEED OF SILT CLEANOUT.
Minor pumping/controlled discharge Efforts			N	NONE @ TIME
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			N	ALL ADDITIONAL MEASURES IN PLACE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice Power Partners				
EASC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	4:10		N	PUMPING FROM POND OCCURRING @ TIME
East SWM Pond	4:15		N	NO PUMPING NO PUMPING @ TIME
Downstream Receiving Swale	4:20		N	WATER CLEAR
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		—		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	
	SW2 (DS) Station:	—	—	
Tooley Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station:	—	—	
Sign-off				
Courtice Power Partners Representative/EMI	Print Name A. C. Bouchard	Signature 		
Golder Field Representative/CEP:	Steve Anger			
Covanta Representative:	D. Hallenby			



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
Golder Project/Task#: 12-1151-0155_4000

Project Contacts	Mobile #s	E&SC Monitoring Field Observations/Logistics
Covenant Contact: Jim Delaney	1-860-422-6350	Date(s): 3-00 Time(s) of EMI: (start-finish) Field Staff: A. CROLLA.
Courice Power Partners Site Contact: Jeff Bedard	416-574-5625	07/17/13
Courice Power Partners All Site Contact/H&S Coord: Janice Campbell	847-837-3779	Health & Safety PPE/Orientation (Y/N, details): NO MILK SWAKE SEEN @ TIME OF WALK
Golder PM/Water Resources Engineer/CPESC: Steve Auger	289-894-0555	Antecedent Weather Conditions:
Golder Waste Services Contact/Local H&S Coordinator: Amy Burke	905-409-8365	
Golder PD/Senior Water Resources Engineer: Terry Winhold	416-473-2800	
Golder All CEP/Field Specialist: Nick Gorski	416-802-6801	
Golder SW Field Specialist:		Other Notables:

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	NO ISSUES - ALL SILT FENCE INTACT. - NEW SILT FENCE INSTALLED ALONG SOUTH PERIMETER AS WELL AS SOUTH/EAST PERIMETER.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEGETATION HEALTHY
Vehicular Entrances to the site			Y	FREE OF DEBRIS - FLUSH/SWEEP SCHEDULED FOR NEXT WEEK
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	STOCK PILES HOLDING - WEST STOCK PILE BEING SPREAD @ SOUTH END OF SITE.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	SWALE CLEAR - FREE OF DEBRIS.
Minor pumping/controlled discharge Efforts			Y	NO PUMPING @ TIME OF WALK
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	- ALL ADDITIONAL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrace Power Partners				
ES&C Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	3:20		Y	CURRENTLY UNDER CONSTRUCTION *
East SWM Pond	3:25		Y	POND CONSTRUCTION COMPLETED, TOP SOIL SPREAD.
Downstream Receiving Swale	3:30		Y	NO PUMPING
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		—		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	
	SW2 (DS) Station:	—	—	
Tooley Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station:	—	—	
Sign-off				
Courtrace Power Partners Representative/EMI	Print Name: A. Cipolla	Signature: [Signature]		
Golder Field Representative/CEP:	Signature: [Signature]	Signature: [Signature]		
Covanta Representative:	JAMES DELANEY	Signature: [Signature]		

* POND REMAINS IN SERVICE DURING Silt REMOVAL AND PERM OUTFALL INSTALLATION

[Handwritten signature]



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covenant Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>Aug 23/13</u> Time(s) of EMI: _____ Field Staff: <u>A. CIRULLA</u>
Courice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish) _____
Courice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	<u>3:00</u>
Golder PMWater Resources Engineer/CPEEC	Steve Auger	289-994-0556	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions: <u>NO MILKSHAKES @ TIME OF WALK</u>
Golder PD/Senior Water Resources Engineer	Terry Winhold	418-473-2800	_____
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601	_____
Golder SW Field Specialists			Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	<u>NEW SILT FENCE TEAR ALONG SOUTH SIDE PERIMETER FENCE</u>	<u>W</u>	
Preservation of Natural Vegetation	All around site perimeter		<u>W</u>	<u>VEG HEALTHY IN GOOD ORDER</u>
Vehicular Entrance to the site			<u>W</u>	<u>ENTRANCE CLEAR/CLEAN</u>
Stock Piles (Nos 1, 2, Working, Construction Fill)			<u>W</u>	<u>STOCK PILES INTACT NO EROSION</u>
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		<u>W</u>	<u>CHECK DAMS CLEAR</u>
Minor pumping/controlled discharge Efforts			<u>W</u>	<u>NONE @ TIME</u>
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			<u>W</u>	<u>ALL ADDITIONAL MEASURES STILL IN PLACE</u>



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice Power Partners

E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	3:40		N	NO PUMPING @ TIME POND MAINTNACE CONTINUES. DEMULKING & CONDUIT INSTALC TAKING PLACE.
East SWM Pond	3:45		N	
Downstream Receiving Swale			N	

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): N Details: —

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	—	—	—
West SWM Pond	—	—	—
Downstream Receiving Swale SW1 (US) Station:	—	—	—
SW2 (DS) Station:	—	—	—
Tooley Creek SW3 (US) Station:	—	—	—
SW4 (DS) Station:	—	—	—

Sign-off

Courtice Power Partners Representative/EMI: Steve Auger
 Golder Field Representative/CEP: [Signature]
 Covanta Representative: [Signature]



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covenant Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>July 26/15</u> Time(s) of EMI: _____ Field Staff: <u>A. Cipolla</u>
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525	<u>7:00</u> (start-finish) _____
Courtice Power Partners Air Site Contact/H&S Coord	Janica Campbell	847-537-3779	<u>2:30</u> _____
Golder PM/Water Resources Engineer/CPE&C:	Steve Auger	289-894-0856	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator:	Arty Burke	905-409-9355	Antecedent Weather Conditions: _____
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	<u>NO MUCKENRIES @ TIME OF WALK</u>
Golder Air CEP/Field Specialist	Nick Gorski	416-902-6601	_____
Golder SW Field Specialists			Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	<u>SOME AREAS OF FENCE TORN IN NEED OF REPAIR ALONG SOUTH PERIMETER</u>	N	<u>IN PROCESS OF INSTALLING PERMANENT SOUTH PERIMETER FENCES. NEW FENCE & SILT FENCE WILL BE INSTALLED</u>
Preservation of Natural Vegetation	All around site perimeter		N	<u>ALL AREAS REMAIN HEALTHY.</u>
Vehicular Entrance to the site			N	<u>CLEAN OF DEBRIS, DAILY SWEEP.</u>
Stock Piles (No.s 1, 2, Working, Construction Fill)			N	<u>STOCK PILES INTACT, NO EROSION</u>
Interceptor Swale, Including Rock Check Dams	Around Site Perimeter		N	<u>CHECK DAMS SCHEDULED TO BE CHECKED THIS WK</u>
Minor pumping/controlled discharge Efforts			N	<u>NONE @ TIME OF WALK</u>
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			N	<u>ALL AREAS STILL INTACT.</u>



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtyce Power Partners

E&SC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	4:15		N	CONTROLLED DISCHARGE
East SWM Pond	4:20		N	CONTROLLED DISCHARGE
Downstream Receiving Swale	4:25		N	WATER LEAVING SITE CLEAR ZERO

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): Y Details: SURFACE WATER SAMPLING ON MON JULY 22ND, 2013

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond <u>IN</u> <u>OUT</u>	12:30 PM 1:45 PM	Y Y	HIGHER TURBIDITY OBSERVED
West SWM Pond <u>IN</u> <u>OUT</u>	1:05 PM 1:45 PM	Y Y	" "
Downstream Receiving Swale SW1 (US) Station: SW2 (DS) Station:	1:30 PM 2:10	Y Y	LOW TURBIDITY ; NO SIGNS OF TOTAL H. NEMATODE OR SYNTHETIC FROM JUNE 28, 2013 INCIDENT IN
Tooley Creek SW3 (US) Station: SW4 (DS) Station:	2:15 PM	Y	LOW TURBIDITY " RECEIVING SWALE AND/OR TOOLEY CREEK

Sign-off

Courtyce Power Partners Representative/EMI: A. CURCIA

Golder Field Representative/CEP: STEVE AYOUB

Covanta Representative: [Signature]



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&S Monitoring Field Observations/Logistics
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>27/09/13</u> Time(s) of EMI: _____ Field Staff: <u>A. CIPOLLA</u>
Courtrace Power Partners Site Contact	Jeff Bedard	416-574-5525	<u>12:30 PM</u> - (start-finish)
Courtrace Power Partners Alt Site Contact/H&S Coord	Janica Campbell	647-537-3779	<u>1:15 PM</u>
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: <u>NO MILKSNAKES SEEN @ TIME OF WALK</u>
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	
Golder Air CEPI/Field Specialist	Nick Gorski	416-802-6601	Other Notables: <u>RAIN ON SATURDAY 21 SEPT.</u>
Golder SW Field Specialists			

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrace Power Partners

E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	ALL SILT FENCE ALONG PERIMETER FENCE INTACT & IN GOOD CONDITION
Preservation of Natural Vegetation	All around site perimeter		Y	ALL NATURAL VEGETATION HEALTHY, NO SIGNS OF DECAY OR DISTURBANCE.
Vehicular Entrance to the site			Y	ENTRANCE CLEAR - SWEEP/RUSH DONE 25/09/13
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	STOCK PILES INTACT/HOLDINGS. WEST STOCK PILE IS CURRENTLY BEING SPREAD.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	SWALES CLEAR OF SILT/DEBRIS
Minor pumping/controlled discharge Efforts			Y	NONE @ TIME OF WALK
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL MEASURES STILL IN PLACE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice Power Partners				
E&S Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	12:55		Y	WEST POND CURRENTLY BEING WORKED ON. OUTFALL INSTALLED, POND GRADED BREACHING CONDUITS BEING INSTALLED *
East SWM Pond	1:00		Y	CONSTRUCTION COMPLETE/TOP SOIL SPREAD - HYDRASEED BEING INSTALLED TUESDAY *
Downstream Receiving Swale	1:10		Y	CLEAR - NO PUMPING @ TIME OF WALK
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		SWALE IS CONSTRUCTED		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	
	SW2 (DS) Station:	—	—	
Toohey Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station:	—	—	
Sign-off				
Coutrice Power Partners Representative/EMI	Print Name: A. CIPOLLA	Signature:		
Golder Field Representative/CEP:	Signature:			
Covanta Representative:	Signature:			



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&S Monitoring Field Observations/Logistics
Covenant Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>AUG 30</u> Time(s) of EMI: _____ Field Staff: <u>A. CIRIELLA</u>
Courice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish) _____
Courice Power Partners All Site Contact/H&S Coord	Janice Campbell	847-537-3779	
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): <u>NO MILKSNAKES OBSERVED</u>
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burka	905-409-9355	Antecedent Weather Conditions: <u>RAIN 08/29/13 20mm</u>
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	
Golder All CEP/Field Specialist	Nick Gorski	416-802-6601	Other Notables: _____
Golder SW Field Specialists			

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	SILT FENCE REPAIRED ALONG ENTIRE SOUTH SIDE 08/30/13
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEG HEALTHY, IN ORDER
Vehicular Entrance to the site			Y	ENTRANCE FLUSHED/SWEEP
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	INTACT NO EROSION
Interceptor Swale, Including Rock Check Dams	Around Site Perimeter		Y	CLEAR FREE DRAINAGE.
Minor pumping/controlled discharge Efforts			Y	NONE @ TIME
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice Power Partners				
E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	10:40		Y	PUMPING OUT OF POND CONTROLLED DISCHARGE
East SWM Pond	10:45		Y	POND CONSTRUCTION CONTINUES
Downstream Receiving Swale	10:46		Y	WATER TOO TURBID PUMPS SHUT OFF.
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		—		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station: —	—	—	
	SW2 (DS) Station: —	—	—	
Toohey Creek	SW3 (US) Station: —	—	—	
	SW4 (DS) Station: —	—	—	
Sign-off				
Coutrice Power Partners Representative/EMI	Print Name: A-CIROLA	Signature: [Signature]		
Golder Field Representative/CEP:	STEVE DUNGER	[Signature]		
Covanta Representative:	[Signature]	[Signature]		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Golder Project/Task#: 12-1151-0155_4000				
Project Contacts		Mobile #s	E&S Monitoring Field Observations/Logistics	
Covantis Contact:	Jim Delaney	1-860-422-6350	Date(s):	JAN 3/14 Time(s) of EMI: _____ Field Staff: ANTHONY .C
Courties Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish)	3:00-3:30
Courties Power Partners All Site Contact/H&S Coord	Janice Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details):	
Golder PM/Water Resources Engineer/CPE&C:	Steve Auger	289-894-0558	Antecedent Weather Conditions:	* NO MILKSWACES SEEN *
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-489-9355	Other Notables:	* HAVE FREEZE RAIN EVENT, NO SITE DAMAGE *
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800		
Golder All CEP/Field Specialist:	Nick Gorski	416-802-8801		
Golder SW Field Specialist:				
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courties Power Partners				
E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		N	FENCE INTACT NO RIPS OR TEARS IN FENCE.
Preservation of Natural Vegetation	All around site perimeter		N	ALL VEG FROZEN, HEALTHY.
Vehicular Entrance to the site			N	CLEAR, NO DEBRIS
Stock Piles (No.s 1, 2, Working, Construction Fill)			N	STOCK PILE @ EAST INTACT.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		N	SWALES CLEAR, SNOW FILLED
Minor pumping/controlled discharge Efforts			N	NONE @ TIME.
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection			N	ALL MEASURES STILL IN PLACE.



Durham-York Energy Centre
 72 Osbourne Rd, Courice, ON
 Golder Associates Ltd.

ESC and SW Monitoring Program

Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
ES&C Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond			N	NO PUMPS, POND FROZEN
East SWM Pond			N	" " " "
Downstream Receiving Swale			N/A	N/A
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
~		—		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	
	SW2 (DS) Station:	—	—	
Tooley Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station:	—	—	
Sign-off				
Courice Power Partners Representative/EMI	Print Name A. Litous	Signature 		
Contract Representative/EMI				
Golder Representative				

Courice
 Golder



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#: 12-1151-0155_4000

Project Contacts			E&S Monitoring Field Observations/Logistics	
Covanta Contact	Jim Delaney	1-800-422-6350	Date(s): MAY 3/13	Time(s) of EMI: _____
Courtrice Power Partners Site Contact	Jeff Bedard	416-674-5525	9:00-4:30	(start-finish)
Courtrice Power Partners All Site Contact/H&S Coord	Janice Campbell	847-537-3779	Field Staff: A. CIPOLLA	
Golder PM/Water Resources Engineer/CPESC	Steve Auger	289-884-0558	Health & Safety PPE/Orientation (Y/N, details): _____	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions: _____	
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2900	*NO MILK-SNAKES SEEN @ TIME OF WALK*	
Golder Alt CEP/Field Specialist	Nick Gorakl	416-802-8601	Other Notables: _____	
Golder SW Field Specialists			_____	

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	PERIMETER FENCE ALL INTACT. COULD RECENTLY REGRADED ALL EXTERIOR PERIMETERS OF SITE TO ALLOW PROPER DRAINAGE
Preservation of Natural Vegetation	All around site perimeter		Y	NOTHING TO NOTE. VEGETATION HEALTHY
Vehicular Entrance to the site			Y	ENTRANCE CLEAN - STREET SWEEPED ONSITE MAY 3/13
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	ALL STOCKPILES HOLDING WELL
Interceptor Swale, Including Rock Check Dams	Around Site Perimeter		Y	ROCK DAMS - RECENTLY CLEANED/REMARKED
Minor pumping/controlled discharge Efforts			Y	NO PUMPING @ TIME OF WALK
Additional E&S Measures: - Temporary Seeding, - Permanent Seeding, - Sod Stabilization, - Mulching, - Inlet Protection			Y	ALL TEMP MEASURES STILL INSTALLED - NO ACTION REQ'D



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			Dec. 6/13	
Golder Project/Task#: 12-1151-0155_4000				
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics	
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s):	12:30 - 1:30
Courtrix Power Partners Site Contact	Jeff Bedard	418-574-5525	Time(s) of EMI:	(start-finish)
Courtrix Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	Field Staff:	ANTHONY CIPOLLA
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	* NO MILKSNAKE SEEN @ TIME OF INSPECTION
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions:	
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800		
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601		
Golder SW Field Specialists			Other Notables:	

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrix Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	ALL SILT FENCE HAS BEEN INSPECTED & REPAIRED. DEFICIENCIES NOTED LAST WEEK REPAIRED
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEGETATION HEALTHY
Vehicular Entrance to the site			Y	SWEPT & FLUSHED 05/12/13
Stock Piles (Nos 1, 2, Working, Construction Fill)			Y	EAST STOCK PILE INTACT NO SIGNS OF EROSION.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS CLEAR OF DEBRIS
Minor pumping/controlled discharge Efforts			N	NONE DURING WALK
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL ADDITIONAL MEASURES IN PLACE.

SEE NOTE BELOW

Worst perimeter silt fence 6 panels
Sections from the west gate

YAB.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	—	—	Y	NOTE PUMPING @ TIME
East SWM Pond	—	—	Y	" " "
Downstream Receiving Swale	—	—	N	OUTSIDE PROPERTY.

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): — Details: —

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	—	—	—
West SWM Pond	—	—	—
Downstream Receiving Swale SW1 (US) Station:	—	—	—
SW2 (DS) Station:	—	—	—
Tooley Creek SW3 (US) Station:	—	—	—
SW4 (DS) Station:	—	—	—

Sign-off

	Print Name	Signature
Courtrice Power Partners Representative/EMI	<u>Anthony L. [unclear]</u>	<u>[Signature]</u>
Golder Field Representative/CEP:	<u>Steve [unclear]</u>	<u>[Signature]</u>
Covanta Representative:	<u>Dave Halberstam</u>	<u>[Signature]</u>



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#s 12-1151-0155_4000

Project Contacts			E&SC Monitoring Field Observations/Logistics	
Covanta Contact	Jim Delaney	1-860-422-5350	Date(s): 07/02/14	Time(s) of EMI: _____
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525	2:30 - _____	(start-finish)
Courtice Power Partners All Site Contact/H&S Coord	Janice Campbell	647-537-3779	3:00	
Golder PM/Water Resources Engineer/CPE&C	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	505-409-9355	Antecedent Weather Conditions:	
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800		
Golder All CEP/Field Specialist	Nick Gorski	416-802-6601		
Golder SW Field Specialists			Other Notables:	

Field Staff: ANTHONY CIPOLLA

* NO MILK SNAKES SEEN @ TIME OF WALK *

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	No other deficiencies noted	Y	WEST PERIMETER FENCE TORN DUE TO HIGH WINDS, CAUS WILL RECTIFY MONDAY.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS HEALTHY, NO DISTURBANCE.
Vehicular Entrance to the site			Y	CLEAR OF DEBRIS.
Stock Piles (No s 1, 2, Working, Construction Fill)			Y	STOCK PILES INTACT NO EROSION.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	CLEAR OF OBSTRUCTION/DEBRIS
Minor pumping/controlled discharge Efforts			N	NO PUMPING
Additional E&SC Measures: - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection			Y	ALL ADDITIONAL MEASURES STILL IN PLACE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155 4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>JUNE 7/13</u> Time(s) of EMI: _____
Courtrice Power Partners Site Contact	Jeff Bedard	416-574-5525	Time(s) of EMI: <u>2:30-3:50</u> (start-finish)
Courtrice Power Partners All Site Contact/H&S Coord	Janice Campbell	647-537-3778	Field Staff: <u>ANTHONY CIPOLLA</u>
Golder PM/Water Resources Engineer/CPESC	Steve Auger	289-894-0566	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions: <u>* NO MILKSNAKES SEEN DURING INSPECTION *</u>
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	Other Notables: <u>* REPORT COMPLETED FOLLOWING RAIN EVENT *</u>
Golder AR CEP/Field Specialist	Nick Gorski	416-802-8601	
Golder SW Field Specialists			

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	<u>- NOTED ONE DEFICIENCY ALONG EAST PERIMETER FENCE. SILT FENCE TORN EAST OF EAST POND.</u>	Y	<u>ALL OTHER AREAS INTACT IN GOOD CONDITION.</u>
Preservation of Natural Vegetation	All around site perimeter		Y	<u>VEGETATION GROWING NO SIGNS OF DISTURBANCE OR DEGRY.</u>
Vehicular Entrance to the site			Y	<u>VEHICULAR ENTRANCE CLEAR - CPP COORDINATED STREET FLUSH & SWEEP JUNE 4/13</u>
Stock Piles (Nos 1, 2, Working, Construction Fill)			Y	<u>STOCK PILES INTACT - NO EROSION.</u>
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	<u>CHECK DAMS WORKING & CLEAR.</u>
Minor pumping/controlled discharge Efforts			N	<u>PUMPING FROM OPEN EXCAVATIONS TO SWALES. WATER FLOWING NATURALLY TO PONDS.</u>
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection			Y	<u>ALL ADDITIONAL MEASURES IN PLACE, STABILIZATION MEASURES INTACT & GROWING.</u>



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#: 12-1151-0155 4000

Project Contacts			E&SC Monitoring Field Observations/Logistics	
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s):	MAY 9/13
Courice Power Partners Site Contact:	Jeff Bedard	416-574-5525	Time(s) of EMI:	4:30 - 5:00 (start-finish)
Courice Power Partners Alt Site Contact/H&S Coord:	Janica Campbell	647-537-3779	Field Staff:	SCOTT BRAZEAU
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	269-894-0556	Health & Safety PPE/Orientation (Y/N, details):	NO MILK-SNAKES SEEN @ TIME OF WALK
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions:	RAIN IN AFTERNOON ≈ 2 HRS
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	Other Notables:	
Golder Alt CEP/Field Specialist:	Nick Gorski	416-802-6601		
Golder SW Field Specialists:				

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	ALL SILT FENCE INTACT SLOPES SUFFICIENT ON HIGHER GRADES.
Preservation of Natural Vegetation	All around site perimeter		Y	NOTHING TO NOTE. GRASS STARTING TO GROW
Vehicular Entrance to the site			Y	CLEANED MAY 9. ROADS WASHED MAY 6TH
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	ALL STOCKPILES O.K
Interceptor Swale, Including Rock Check Dams	Around Site Perimeter		Y	ROCK DAMS IN PLACE. WATER RUNNING THROUGH
Minor pumping/controlled discharge Efforts			Y	NO PUMPING @ TIME OF WALK
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection			Y	NO ACTION REQ'D



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice Power Partners

E&SC Measures	Time of Observation (If notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	5:00	NONE	Y	WATER IN LOWER SECTION OF POND.
East SWM Pond	4:45	NONE	Y	WATER CLEAR.
Downstream Receiving Swale				

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): N Details: —

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	—	—	—
West SWM Pond	—	—	—
Downstream Receiving Swale SW1 (US) Station:	—	—	—
SW2 (DS) Station:	—	—	—
Toohey Creek SW3 (US) Station:	—	—	—
SW4 (DS) Station:	—	—	—

Sign-off

	Print Name	Signature
Coutrice Power Partners Representative/EMI	<u>SCOTT BEAZER</u>	
Golder Field Representative/CEP:	<u>STEVE LUTER</u>	
Covanta Representative:	<u>DAVE HALDENBY</u>	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#: 12-1151-0195 4000

Project Contacts		Mobile #s	EASC Monitoring Field Observations/Logistics	
Coverage Contact:	Jim Delaney	1-888-422-5360	Date(s):	9:05
Courtrice Power Partners Site Contact:	Jeff Bedard	416-574-5525	Time(s) of EMI:	9:30
Courtrice Power Partners All Site Contact/H&S Coord:	Jenica Campbell	847-537-3778	(start-finish)	10:10
Golder PM/Water Resources Engineer/CPEEC:	Steve Auger	269-884-0566	Health & Safety PPE/Orientation (Y/N, details):	AND MILKSHAKES
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-406-8355	Antecedent Weather Conditions:	2-5cm of snow today
Golder PDI/Senior Water Resources Engineer:	Terry Winhold	416-475-2800	Other Notables:	
Golder AR CEP/Field Specialist:	Nick Gorski	416-332-8801		
Golder SW Field Specialist:				

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

EASC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	SILT FENCE INTACT NO TEARS
Preservation of Natural Vegetation	All around site perimeter		Y	AREAS PROTECTED
Vehicular Entrance to the site			Y	CLEAR OF DEBRIS
Stock Piles (Nos 1, 2, Working, Construction Fill)			Y	EAST INTACT, NO EROSIONS.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	CLEAR OF DEBRIS / FULL OF SNOW
Minor pumping/controlled discharge Efforts			N	NONE @ TIME
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL MEASURES IN PLACE



Durham-York Energy Centre
 72 Osbourne Rd, Courtice, ON
 Golder Associates Ltd.

ESC and SW Monitoring Program

Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtyce Power Partners				
ES&C Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	/		Y	POND FROZEN/NO PUMPING
East SWM Pond			Y	LI U 21
Downstream Receiving Swale			N/A	N/A
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		—		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station	—	—	
	SW2 (DS) Station	—	—	
Tooley Creek	SW3 (US) Station	—	—	
	SW4 (DS) Station	—	—	
Sign-off				
Courtyce Power Partners Representative/EMI	Print Name ANTHONY C	Signature 		
Golder Field Representative/CEP	Signature 			
Covanta Representative	Signature 			



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task: 12-1161-0163_4004

Project Contacts		Mobile #:	ES&C Monitoring Field Observations/Logistics
Corporate Contact:	Jim DeJony	1-800-422-4900	Date(s): Oct 11/13 Time(s) of EMI: _____
Corporate Power Partners Site Contact:	Jeff Barker	416-874-9835	Field No.: A.CIPOLLA
Durham Power Partners Air Site Contact/H&E Coord:	Mark Campbell	647-937-4778	(Start-End): _____
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-494-6889	North & Safety PPE Orientation (Y/N, date):
Golder Waste Services Contract and H&E Coordinator:	Andy Barba	905-479-2335	Antecedent Weather Conditions:
Golder PM/Water Resources Engineer:	Tony Wisfold	416-479-2800	Other H&E Notes:
Golder Air CEP/Field Specialist:	Nick Gould	416-492-0871	
Golder SW Field Specialist:			

NO HILKENAGES SEEN @ THE OF WALLS
HYDROSEEDING THE S PLACE 10/10/13

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtes Power Partners

ES&C Measure	Location	DOB/Status	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Perimeter Around Site Perimeter		Y	SILT FENCE INTACT, NO TEARS OR PIECES MISSING.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEGETATION HEALTHY & UNDISTURBED
Vehicular Entrance to the site			Y	CLEAR OF DEBRIS - FLUSH/SWEEP 10/10/2013
Stock Piles (No.s 1, 2, Working, Construction PR)			Y	WEST STOCKPILE - IF NOT REMOVED/EAST STILL INTACT
Integrator Berms, Including Rock Check Dams	Around Site Perimeter		Y	CLEAR OF DEBRIS - WEST SWALL REGRADED
Minor pump(s)/controlled discharge Efforts			Y	NONE @ TIME
Additional ES&C Measures: - Temporary Seeding - Permanent Seeding - Sedimentation - Mulching - Initial Protection.			Y	ALL MEASURES STILL IN PLACE

* Oct 11/13 - HYDROSEEDING OF ENTIRE SOUTH & WEST PORTION OF SITE OCCURRED TODAY. REMAINDER OF POND AREA TO BE COMPLETE MONDAY *
* CONSTRUCTION BY OTHER CONTRACTOR/SEPARATE CONTRACT HAS ~~STARTED~~ CONTINUES WEST OF OUR PROJECT



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coslice Power Partners

EMIS Measures	Time of Observation (if not a site signature)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	3:40		Y	No pumping @ TIME
East SWM Pond	3:48		Y	No pumping @ TIME
Downstream Receiving Stream	3:51		Y	No pumping @ TIME.

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): Y Details: - WATER IS FLOWING DUE TO HEAVY RAIN NIGHT BEFORE

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	1000	Y	WATER CLOUDY, CANNOT SEE BOTTOM, WATER FLOWING FROM CULVERTS
West SWM Pond	1015	Y	WATER LIGHT BROWN, WATER FLOWING THROUGH 2 OF 3 CULVERTS
Downstream Receiving Stream	SW1 (M) Station	Y	- WATER FLOWING IS MILKY
	SW2 (D) Station		- WATER IS MILKY
Turkey Creek	SW3 (J) Station	Y	- WATER IS SLIGHTLY CLOUDY
	SW4 (D) Station		- WATER IS SLIGHTLY CLOUDY

Sign-off

Coslice Power Partners Representative/EM: [Signature]

Golder Field Representative/CEP: [Signature]

Coslice Representative: [Signature]





Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>July 12/13</u> Time(s) of EMI: _____ Field Staff: <u>A. Cipolla</u>
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525	<u>4:00 PM</u> (start-finish) _____
Courtice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	<u>4:45 PM</u> _____
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: _____
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	_____
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601	_____
Golder SW Field Specialists			Other Notables: <u>NO MILKSNAKES SEEN @ TIME OF INSPECTION</u>

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		N	NONE OBSERVED @ TIME OF INSPECTION
Preservation of Natural Vegetation	All around site perimeter		N	ALL VEGETATION HEALTHY & IN GOOD ORDER
Vehicular Entrance to the site			N	ENTRANCE IS MAINTAINED DAILY - STREET FLUSH/SWEEP DONE JULY 10 & 12
Stock Piles (No.s 1, 2, Working, Construction Fill)			N	STOCK PILES INTACT, NO SIGNS OF EROSION.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		N	SWALES IN NEED OF CLEANING,
Minor pumping/controlled discharge Efforts			N	NONE @ TIME OF INSPECTION
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			N	ALL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (Incl. during visit weather conditions)
West SWM Pond			N	PUMPINGS WAS NOT TAKING PLACE
East SWM Pond			N	NO PUMPINGS FROM THIS POND SINCE SPILL
Downstream Receiving Swale			N	NO PUMPING @ TIME
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N): _____		Details: _____		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (Incl. during visit weather conditions)	
East SWM Pond				
West SWM Pond				
Downstream Receiving Swale	SW1 (US) Station:			
	SW2 (DS) Station:			
Tooley Creek	SW3 (US) Station:			
	SW4 (DS) Station:			
Sign-off				
Courtice Power Partners Representative/EMI		Golder Field Representative/CEP:		
Print Name: <u>A. CROCCA</u>		Signature: 		
Covanta Representative:		Signature: 		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts	Mobile #s	E&SC Monitoring Field Observations/Logistics	
Covanta Contact: Jim Delaney	1-860-422-5350	Date(s): DEC 13 115	Time(s) of EMI: _____ Field Staff: ANTHONY CIPOLLA.
Courtrix Power Partners Site Contact: Jeff Bedard	416-574-5525	3:20 -	(start-finish)
Courtrix Power Partners Alt Site Contact/H&S Coord: Janice Campbell	847-537-3779	3:50	
Golder PM/Water Resources Engineer/CPESC: Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator: Amy Burke	905-408-9355	Antecedent Weather Conditions:	
Golder PD/Senior Water Resources Engineer: Terry Winhold	416-473-2800	▶ NO MILKSNAKES SEEN @ TIME ▶	
Golder Alt CEP/Field Specialist: Nick Gorski	416-802-6601	Other Notables:	
Golder SW Field Specialists			

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrix Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reschas Around Site Perimeter		Y	-ALL NOTED DEFICIENCIES HAVE BEEN RECTIFIED. NO OTHER DEFICIENCIES TO NOTE.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEG PRESERVATION IN PLACE
Vehicular Entrances to the site			Y	CLEAR OF DEBRIS/MUD.
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	STOCK PILE @ EAST SIDE INTACT.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	CLEAR OF DEBRIS / CLEAR
Minor pumping/controlled discharge Efforts			N	NO PUMPING
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL ADDITIONAL MEASURES IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	3:20		Y	NO PUMPING - POND LEVEL LOW / FROZEN
East SWM Pond	3:30		Y	NO PUMPING - POND LEVEL LOW / FROZEN
Downstream Receiving Swale	N/A		N/A	

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): Details:

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	<u> </u>	<u> </u>	<u> </u>
West SWM Pond	<u> </u>	<u> </u>	<u> </u>
Downstream Receiving Swale	SW1 (US) Station: <u> </u> SW2 (DS) Station: <u> </u>	<u> </u>	<u> </u>
Tooley Creek	SW3 (US) Station: <u> </u> SW4 (DS) Station: <u> </u>	<u> </u>	<u> </u>

Sign-off

	Print Name	Signature
Courice Power Partners Representative/EMI	<u>A. Lapina</u>	<u>[Signature]</u>
Golder Field Representative/CEP:	<u>[Signature]</u>	<u>[Signature]</u>
Covanta Representative:	<u>[Signature]</u>	<u>[Signature]</u>



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
Golder Project/Task#s: 12-1151-0155, 4000

Project Contacts			E&S Monitoring Field Observations/Logistics	
Covanta Contact	Jim Delaney	1-860-422-5350	Date(s):	12:00 PM - 1:00 PM
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525	Time(s) of EMI:	JUNE 14, 2013
Courtice Power Partners Alt Site Contact/H&S Coord	Janica Campbell	647-537-3779	(start-finish)	Field Staff: ANTHONY CIPOLLA
Golder PM/Water Resources Engineer/CPEEC	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions:	
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	NO MILKSNAKES SEEN DURING INSPECTION	
Golder AIR CEP/Field Specialist	Nick Gorski	416-802-6601	RAIN WED/THURS 15mm	
Golder SW Field Specialists			Other Notables:	

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtica Power Partners

E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	SILT FENCE IS ALL INTACT AND PLACE. BILT FENCE NOTED DAMAGED IN JUNE 3 RD EMI REPORT IS NOW REPAIRED.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL NATURAL VEGETATION IS GROWING WELL AND HEALTHY NO SIGNS OF DISTURBANCE.
Vehicular Entrance to the site			Y	VEHICULAR ENTRANCE CLOSED/CLEAN. HAULING OFF SITE MONDAY. KEEP EYES ON ROADS
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	STOCK PILES INTACT, NO SIGNS OF EROSION.
Interceptor Swals, including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS CLEAR & WORKING
Minor pumping/controlled discharge Efforts			Y	PUMPING FROM STRUCTURES OBSERVED. WATER RUNOFF TO SWALES AND DRAINING TO PONDS.
Additional E&S Measures: - Temporary Seeding. - Permanent Seeding. - Sod Stabilization. - Mulching. - Inlet Protection.			Y	ALL TEMP/PERMANENT SEEDING ALL INTACT. OTILL IN PLACE NO SIGNS OF DECAY.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
E&SC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	12:30		Y	PUMPING FROM WEST POND @ TIME OF INSPECTION. WATER BREACHED SWALE IN POND.
East SWM Pond	12:35		Y	NO PUMPING @ TIME.
Downstream Receiving Swale	12:40		Y	WATER LEAVING SITE CLEAR.
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		—		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	—
	SW2 (DS) Station:	—	—	—
Tooley Creek	SW3 (US) Station:	—	—	—
	SW4 (DS) Station:	—	—	—
Sign-off				
Courtice Power Partners Representative/EMI	Print Name A. Cipolla	Signature 		
Golder Field Representative/CEP:	Steve Rucor			
Covanta Representative:	David Helderby			



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#: 12-1151-0155_4000

Project Contacts			Mobile #s	E&S Monitoring Field Observations/Logistics	
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s):	15-11-13	Time(s) of EMI:
Courice Power Partners Site Contact	Jeff Bedard	416-574-5525		3:15-	(start-finish)
Courice Power Partners All Site Contact/H&S Coord	Janice Campbell	847-537-3779		3:30	
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):		
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions:		
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	★ No Milk Snacks seen @ TIME OF VISIT		
Golder All CEP/Field Specialist	Nick Gorski	416-802-6801	Other Notables:		
Golder SW Field Specialists					

Field Staff: A. Cipolla

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	WEST PERIMETER FENCE IN NEED OF SOME MINOR REPAIR	Y	ALL OTHER AREAS IN GOOD CONDITION.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS IN GOOD ORDER.
Vehicular Entrance to the site			Y	CLEAR & CLEAN
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	WEST PILE GONE, EAST PILE INTACT
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS CLEAR & FREE FLOWING
Minor pumping/controlled discharge Efforts			N	NO PUMPING @ TIME OF INSPECTION.
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (Incl. during visit weather conditions)
West SWM Pond	2:45		Y	NO PUMPING @ TIME
East SWM Pond	3:00		Y	NO PUMPING @ TIME.
Downstream Receiving Swale	/		N	OUTSIDE PROPERTY/BOUNDARY

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): — Details: —

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (Incl. during visit weather conditions)
East SWM Pond	—	—	—
West SWM Pond	—	—	—
Downstream Receiving Swale SW1 (US) Station:	—	—	—
SW2 (DS) Station:	—	—	—
Today Creek SW3 (US) Station:	—	—	—
SW4 (DS) Station:	—	—	—

Sign-off

Courtice Power Partners Representative/EMI: A.C. POGA
 Golder Field Representative/CEP: STEVE FROST
 Covanta Representative: Dave Hallyday



Durham-York Energy Centre
72 Osborne Rd, Courville, ON
Golder Associates Ltd.

BSC and SW Monitoring Program

Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
 Subj: Project/Title: 12-1101-0405_4000

Project Contacts	Mobile No	EELSC Monitoring Field Observations/Logistics
Corporate Contact: Jim Delaney	1-800-432-6250	Date(s): JAN 17 14
Courline Power Partners EPC Contact: Jeff Bedford	416-674-8825	Time(s) of EMI: 3:30 - 4:00
Courline Power Partners AB EPC Contact/AS Coord: Justin Clement	947-697-3779	(start-stop)
Golder PM/Water Resources Engineer/CPESC: Steve Ayler	503-804-0888	Health & Safety PPE/Observation (Y/N, details):
Golder Waste Services Contact/Lead HSS Coordinator: Amy Burke	803-409-9306	Antecedent Weather Conditions:
Golder PCB/Water Waste Repassure EPC/Team: Tony Whitely	416-473-2000	Other Notations:
Golder Air CEP/Field Specialist: Nick Gurdal	416-800-8801	

Field Staff: A. CIPOLLA

* NO MRE SWEEP SEEN @ TIME OF WALK *

Station 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courline Power Partners

EELSC Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter 8ft Fencing	Strategic, Down gradient Reached Around Site Perimeter	ALONG WEST PERIMETER PENCE SILT PENCE HAS FALLEN IN MANY LOCATIONS	Y	SILT FENCE MOSTLY IN GOOD ORDER W/ NO SIGNS OF TEARS.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS PROTECTED
Vehicular Entrance to the site			Y	CLEAR SWEEP COMPLETED JAN 14/14
Stack Piles (Nos 1, 2, Working, Construction Fill)			Y	EAST PILE INTACT, NO EROSION
Interrupter Swales, including Rock Check Dams	Around Site Perimeter		Y	CLEAR OF DEBRIS
Minor pumping/controlled discharge Efforts			Y	NONE @ TIME OF INSPECTION
Additional EELSC Measure - Temporary Seeding - Permanent Seeding - Sod Installation - Mulching - Erosion Protection			Y	ALL MEASURES ARE STILL IN PLACE

* PLEASE SEE ATTACHED ~~PHOTOS~~ EMAIL



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courville Power Partners				
ELSC Location	Time of Observation (if notable significant)	Findings	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	5:40		Y	WATER FROZEN, NO PUMPING
East SWM Pond	8:45		Y	" " " "
Downstream Receiving Swale	N/A		N/A	
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N): Y - 1 sample taken at SW2 Details: Slightly elevated turbidity in situ measurement at SW2. sample taken.				
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond Frozen, no discharge	OUTLET: 10:35am	Y	Discharge pipe was not found, excavation of ditch to the east has expanded, ditch water observed to be mostly frozen/ice covered. Banks steep since and icy.	
West SWM Pond Frozen, no discharge	OUTLET: 10:45am	Y	Slope of ditch steep + icy, water was mostly frozen/ice covered, low flow.	
Downstream Receiving Swale	SW1 (US) Station:	10:15am	Y	Water clear, medium flow, ice and snow on banks and cover, salt noted on banks.
	SW2 (DS) Station:	11:25am	Y	Appeared slightly turbid, sample taken. Snow on banks.
Trolley Chute	SW3 (US) Station:	11:42am	Y	Fast flow, clear water, foam noted in water. Ice cover on banks and in stream.
	SW4 (DS) Station:	11:00am	Y	Med flow, clear, snow on banks and ice in stream. Two ducks in stream.
Sign-off				
Courville Power Partners Representative/EMI	A-CIROCCA			
Golder Field representative/CFP	JEFF FUGER			
Client Representative:	Diane Hallock			



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155 4000			
Project Contacts		Mobile #	E&S Monitoring Field Observations/Logistics
Courtice Contact:	Jim Delaney	1-860-422-5350	Date(s): OCT 18.13 Time(s) of EMI: 2-2:30 pm Field Staff: A. C. POLLA
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish)
Courtice Power Partners All Site Contact/H&S Coord	Janice Campbell	847-537-3779	
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): * NO MILKSHAKES SEEN DURING WALK *
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: A RAIN EVENT TUESDAY MORNING & FRIDAY MORNING
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-8801	
Golder SW Field Specialists			Other Notables:

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtice Power Partners

E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	SOME AREAS ALONG SOUTH FENCE HAVE FEARS, TO BE REPAIRED.	Y	ALL SILT FENCE STILL IN PLACE ALONG PERIMETER FENCE.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS HEALTHY, VEGETATION UNDISTURBED.
Vehicular Entrance to the site			Y	CLEAR, SWEEP WAS COMPLETED 14-10-13
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	STOCK PILE ON EAST SIDE INTACT NO SIGNS OF EROSION, WEST NEARLY SPREAD
Interceptor Swales, Including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS CLEAR, SOME RECENTLY REGRADED
Minor pumping/controlled discharge Efforts			N	NO PUMPING @ TIME OF WALK
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL ADDITIONAL MEASURES STILL IN PLACE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtyce Power Partners				
E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	2:20		Y	No Pumping @ TIME
East SWM Pond	2:25		Y	" " "
Downstream Receiving Swale	N/A		N	NO PICTURES TAKEN, THIS IS NOW OUTSIDE OUR SITE BOUNDARIES.
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		-		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	-	-	-	
West SWM Pond	-	-	-	
Downstream Receiving Swale	SW1 (US) Station:	-	-	
	SW2 (DS) Station:	-	-	
Tooley Creek	SW3 (US) Station:	-	-	
	SW4 (DS) Station:	-	-	
Sign-off				
Courtyce Power Partners Representative/EMI:	Print Name: A. C. ROUA	Signature:		
Golder Field Representative/CEP:	SEVE ANGER	Signature:		
Covanta Representative:	D. Hallenby	Signature:		

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Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Title# 12-1151-0155_4000			
Project Contacts		Mobile #	ES&C Monitoring Field Observations/Logistics
Courtesie Contact:	Jim Doherty	1-800-422-5360	Date(s): 11/20/15 Time(s) of EMI: 12:00 - 2:00 PM (start-finish) Field Staff: ANTHONY GIROLLA
Courtesie Power Partners Site Contact	Jeff Bedard	416-574-8826	
Courtesie Power Partners AH Site Contact/HAS Coord	Jessie Campbell	847-537-3779	
Golder PM/Water Resources Engineer/CPEEC	Steve Auger	289-894-0635	Health & Safety PPE/Orientation (Y/N, details): * RAIN EVENT 20/12/15 5-10mm *
Golder Waste Services Contact/Local HAS Coordinator	Amy Burke	905-400-9365	Antecedent Weather Conditions: * NO MILK SHAKES FOUND *
Golder PD/Sensor Water Resources Engineer	Tony Winhold	416-473-2900	
Golder AH CEP/Field Specialist	Nick Gosh	416-902-6801	
Golder SW Field Specialists			Other Notables:

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtesie Power Partners

ES&C Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter 84" Fencing	Strategic, Down gradient Reseals Around Site Perimeter		Y	ALL SILT FENCE INTACT IN GOOD CONDITION
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS HEALTHY/DORMANT.
Vehicle Entrances to P's site			Y	NO SWEEPING 14/12/15.
Block Piles (No.s 1, 2, Working, Construction F:)			Y	EAST PILE INTACT NO SIGNS OF EROSION.
Interceptor Swales, Including Rock Check Dams	Around Site Perimeter		Y	SWALES CLEAR OF DEBRIS.
Minor pumping/controlled discharge Efforts			Y	NONE @ TIME
Additional ES&C Measures - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Silt Protection			Y	ADDITIONAL MEASURES STILL IN PLACE, ALL AREAS IN GOOD ORDER.

* NOTE: AT THE SOUTH/EAST POND ALONG THE SOUTH PERIMETER FENCE A SECTION OF FENCE WAS REMOVED TO ALLOW THE NEIGHBOURING SITE ACCESS TO INSTALL THE OUTFALL PIPING. FROM THE EAST POND *



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courville Power Partners				
ES&C Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond			Y	NO PUMPING
East SWM Pond			Y	" "
Downstream Receiving Swale			N	
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
Y		SITE VISIT ON FRIDAY DECEMBER 20		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	Pond Not accessed - snow covered Outfall - 9:52am	Y	Snow covered banks. E-SWMP-OUT: Stagnant, no odour, organic sheen noted, clear, sediment on bottom, rip rap slopes.	
West SWM Pond	Pond not accessed - snow covered Outfall - 9:42am	Y	W-SWMP-OUT: Water frozen, snow covered slopes, appeared icy, rip rap uneven terrain, no flow.	
Downstream Receiving Swale	SW1 (US) Station	9:17am	Y	Murky brown, partial snow/ice cover, steady flow, muddy road, salt noted on shoulder.
	SW2 (DS) Station	10:36am	Y	Snow on banks, surface of stream frozen with ice, colour - white-grey.
Tooley Creek	SW3 (US) Station	10:47am	Y	Snow covered banks, flowing stream, ice in stream, no odour, no sheen.
	SW4 (DS) Station	10:16am	Y	Very slow moving flow, slightly turbid, no odour, no sheen, some ice/snow cover.
Sign-off				
Courville Power Partners Representative/EMI	Print Name: A. CIPOLLA	Signature:		
Golder Field Representative/CEP:	Print Name: STEVE AVOZZE	Signature:		
Coventry Representative:	Print Name: Steve Halliday	Signature:	Dec 20/2013	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Golder Project/Task#: 12-1151-0155_4000				
Project Contacts		Mobile #	E&SC Monitoring Field Observations/Logistics	
Covenant Contact:	Jim Delaney	1-860-422-5350	Date(s):	5:30 Time(s) of EMI: _____
Courtyce Power Partners Site Contact	Jeff Badard	416-574-5525		4:00 (start-finish) _____
Courtyce Power Partners Alt Site Contact/H&S Coord	Janice Campbell	847-537-3779		JUNE 21/13 _____
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	_____
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions:	_____
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800		_____
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601		_____
Golder SW Field Specialists			Other Notables:	NO SIGNS OF EROSION SEEN
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtyce Power Partners				
E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	ALL AREAS INTACT AND IN GOOD ORDER, NO SIGNS OF TEARS
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS HEALTHY, NO SIGNS OF DISTURBANCE
Vehicular Entrance to the site			Y	CLEAN, SWEEP & FLUSH ON JUNE 20/13
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	INTACT NO SIGNS OF EROSION
Interceptor Swale, including Rock Check Dams	Around Site Perimeter	IN NEED OF CLEAN OUT	Y	
Minor pumping/controlled discharge Efforts			Y	NO PUMPING @ TIME
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL AREAS STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
E&SC Measures	Time of Observation (If notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (Incl. during visit weather conditions)
West SWM Pond	3:35	POUND BANKS NEED TO BE RE-DRESSED	Y	NO PUMPING @ TIME
East SWM Pond	3:40	" " "	Y	" " "
Downstream Receiving Swale	3:45		Y	" " "
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		—		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (Incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	
	SW2 (DS) Station:	—	—	
Tooley Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station:	—	—	
Sign-off				
Courtrice Power Partners Representative/EMI	Print Name: A. CIPOLLA			
Golder Field Representative/CEP:	Steve Ford			
Covanta Representative:	David Haldenby			



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Golder Project/Task#s: 12-1151-0155_4000				
Project Contacts		Mobile #s	E&S Monitoring Field Observations/Logistics	
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s):	MAY 21/13 Time(s) of EMI: 9:00-10:00 (start-finish)
Courice Power Partners Site Contact	Jeff Bedard	416-574-5525	Field Staff: SCOTT BRAZEAU	
Courice Power Partners Alt Site Contact/H&S Coord	Jenica Campbell	647-537-3779		
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions:	
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	NO MILK-SNAKES @ TIME OF WALK.	
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-8601	NO RAIN DURING WALK	
Golder SW Field Specialists			Other Notables:	
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	ALL SILT FENCE AND PERIMETER FENCING IN PLACE
Preservation of Natural Vegetation	All around site perimeter		Y	GRASS CONTINUES TO GROW
Vehicular Entrance to the site			Y	CLEANED MAT 17/13.
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	ALL STOCK PILES O.K.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	NO PUMPING @ TIME OF WALK ROCK DAMS IN PLACE. NO WATER RUNNING
Minor pumping/controlled discharge Efforts			Y	NO PUMPING @ TIME OF WALK.
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	NO ACTION REQ'D.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	4:15	NONE	Y	WATER IN LOWER SECTION OF POND
East SWM Pond	9:30	NONE	Y	WATER CLEAR
Downstream Receiving Swale				

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): N Details: —

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	—	—	—
West SWM Pond	—	—	—
Downstream Receiving Swale SW1 (US) Station:	—	—	—
SW2 (DS) Station:	—	—	—
Tooley Creek SW3 (US) Station:	—	—	—
SW4 (DS) Station:	—	—	—

Sign-off

	Print Name	Signature
Courtrice Power Partners Representative/EMI	<u>SCOTT BRAZEAU</u>	
Golder Field Representative/CEP:	<u>STEVIE ANTON</u>	
Covanta Representative:	<u>Dave Halberdy</u>	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#: 12-1151-0155_4000		E&SC Monitoring Field Observations/Logistics	
Project Contacts		Mobile #s	Date(s): NOV 22/13 Time(s) of EMI: _____ 1:00PM - (start-finish) 2:00PM
Covanta Contact:	Jim Delaney	1-860-422-5350	Field Staff: ANTHONY CIPALLA
Courrice Power Partners Site Contact	Jeff Bedard	416-574-5525	
Courrice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	* NO MUCK/SNAKES @ TIME OF INSPECTION
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-8601	
Golder SW Field Specialists			
		Health & Safety PPE/Orientation (Y/N, details):	
		Antecedent Weather Conditions:	
		Other Notables:	

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courrice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	ONE LOCATION ALONG WEST PERIMETER HAS DRAPPED OVER. NEED REFASTENING.	Y	ALL LOCATIONS FROM PREVIOUS REPORT HAVE BEEN REPAIRED
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS HEALTHY
Vehicular Entrance to the site			Y	CLEAR OF DEBRIS,
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	STOCK PILE WEST GONE, EAST INTACT.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	CLEAR, HYDROSEED IN PLACE @ SOUTH/WEST SIDE.
Minor pumping/controlled discharge Efforts			Y	NONE @ TIME
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL ADDITIONAL MEASURES IN PLACE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice Power Partners

ES&C Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	1:30		Y	CONTROLLED DISCHARGE START @ 8AM
East SWM Pond	1:40		Y	" " "
Downstream Receiving Swale	1:50		N	OUTSIDE PROPERTY.

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): _____ Details: _____

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	8:30am	Y	Discharging. Rainfall >1mm at time of sampling. silt levels ^{low} measured normal
West SWM Pond	8:50	Y	Discharging. Rain very minor at time of sampling. Pond noted very green. silt/turbidity normal
Downstream Receiving Swale SW1 (JS) Station: SW2 (DS) Station:	9:10 9:20	Y	Flow did not appear affected by rain fall. Turbidity measurements normal and stream appeared clear as usual
Tooley Creek SW3 (US) Station: SW4 (DS) Station:	10am 10:40	Y	Flow slightly high and fast (likely due to rain) turbidity measurements normal and stream appeared clear as usual

Sign-off

Coutrice Power Partners Representative/EMI: A. Cipara

Golder Field Representative/CEP: E. Marsch

Covanta Representative: D. Hallaby

(Signatures: [Signature], [Signature])

*New "OUT" locations
East out was very shallow pond with white flakey material and very silty.
West-out was approx 1.5 m above grade and fell to catch basin.
Both "outs" flood to secondary pump area in large hole in ground.
Turbidity ~~high~~ at E-out measure in AU units.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Golder Project/Task#s: 12-1151-0155_4000				
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics	
Courtrice Contact	Jim Delaney	1-800-422-9350	Date(s):	12.15 Time(s) of EMI: Field Staff: ANTHONY CIPOCCA
Courtrice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish)	1:30
Courtrice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details):	
Golder PM/Water Resources Engineer/CPESC	Steve Auger	289-894-0556	Antecedent Weather Conditions:	JAN 24/2014
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Other Notables:	NO MILKSNAKES SEEN @ TIME OF INSPECTION
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800		
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6501		
Golder SW Field Specialist				
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
E&SC Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic Down gradient Reaches Around Site Perimeter		Y	ALL SILT FENCE IN GOOD ORDER. DEFICIENCIES MENTIONED LAST WEEK HAVE BEEN RECTIFIED - 01/20/14
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS REMAIN PROTECTED.
Vehicular Entrance to the site			Y	CLEAR, NO DEBRIS OR MUD
StockPiles (No x 1 2, Working, Construction Fill)			Y	HOLDING - NO SIGNS OF EROSION
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	CLEAR NO DEBRIS, HOLDING WELL.
Minor pumping/controlled discharge Efforts			N	NO PUMPING @ TIME
Additional E&SC Measures - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection			Y	ALL ADDITIONAL MEASURES IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covanta Contact:	Jim Delaney	1-800-422-5350	Date(s): <u>MAY 24/13</u> Time(s) of EMI: _____ Field Staff: <u>SCOTT BRAZEAU</u>
Courtrice Power Partners Site Contact	Jeff Bedard	416-574-5525	<u>1:30-2:30</u> (start-finish)
Courtrice Power Partners A/R Site Contact/H&S Coord	Janice Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details): <u>NO MILKSNAKES @ TIME OF WALK.</u>
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Antecedent Weather Conditions: <u>NO RAIN @ TIME OF WALK.</u>
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Other Notables: <u>WINDY ALL DAY</u>
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601	
Golder SW Field Specialists			

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	ALL SILT FENCE IN PLACE
Preservation of Natural Vegetation	All around site perimeter		Y	YES, GRASS CONTINUES TO GROW
Vehicular Entrance to the site			Y	CLEANED (SWEEP AND FLUSH) ON MAY 24/13
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	ALL STOCK PILES O.K
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	ROCK DAMS IN PLACE. NO RUNNING WATER
Minor pumping/controlled discharge Efforts			Y	NO PUMPING @ TIME OF WALK
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	NO ACTION REQ'D



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	~1:35	NONE	Y	WATER LEVEL LOW
East SWM Pond	~1:45	NONE	Y	WATER CLEAR
Downstream Receiving Swale				

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): N

Details: ---

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	<u>---</u>	<u>---</u>	<u>---</u>
West SWM Pond	<u>---</u>	<u>---</u>	<u>---</u>
Downstream Receiving Swale SW1 (US) Station:	<u>---</u>	<u>---</u>	<u>---</u>
SW2 (DS) Station:	<u>---</u>	<u>---</u>	<u>---</u>
Tooley Creek SW3 (US) Station:	<u>---</u>	<u>---</u>	<u>---</u>
SW4 (DS) Station:	<u>---</u>	<u>---</u>	<u>---</u>

Sign-off

Courtrice Power Partners Representative/EMI

Print Name

SCOTT BLAZEAU

Signature

Golder Field Representative/CEP:

STEVE AVOOR

Covanta Representative:



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#: 12-1151-0155_4000

Project Contacts			E&SC Monitoring Field Observations/Logistics	
Covanta Contact:	Jim Delaney	1-960-422-5350	Date(s):	OCT. 29/13 Time(s) of EMI: 3-330pm
Courtrice Power Partners Site Contact:	Jeff Bedard	416-574-5525		Field Staff: Tyler Hamalainen
Courtrice Power Partners Alt Site Contact/H&S Coord:	Janice Campbell	647-537-3779		
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	• NO MILKSHAKES PRESENT DURING WALK
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions:	• RAIN EVENT THURSDAY MORNING
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800		
Golder AR CEP/Field Specialist:	Nick Gorski	416-802-8801		
Golder SW Field Specialists:			Other Notables:	

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	SOME AREAS ALONG THE WEST/EAST SILT PERIMETER FENCE REQUIRE REPAIR	Y	PERIMETER SILT FENCE STILL IN PLACE
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS HEALTHY, VEGETATION UNDISTURBED
Vehicular Entrance to the site			Y	CLEAR SWEEP WAS COMPLETED
Stock Piles (No. 1, 2, Working, Construction Fill)			Y	STOCK PILE ON EAST SIDE INTACT NO SIGNS OF EROSION, WEST SIDE FULLY SPREAD
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS CLEAR
Minor pumping/controlled discharge Efforts			Y	PUMP IN PLACE HOWEVER NO PUMPING REQUIRED OR OCCURED DURING WALK THRU
Additional E&SC Measures: - Temporary Seeding, - Permanent Seeding, - Sod Stabilization, - Mulching, - Inlet Protection			Y	ALL ADDITIONAL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtyce Power Partners

E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	3:15pm		Y	# NO PUMPING @ TIME OF OBSERVANCE, (CLOUDY)
East SWM Pond	3:05 PM		Y	NO PUMPING @ TIME (CLOUDY)
Downstream Receiving Swale				

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): Details:

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	<u> </u>	<u> </u>	<u> </u>
West SWM Pond	<u> </u>	<u> </u>	<u> </u>
Downstream Receiving Swale SW1 (US) Station:	<u> </u>	<u> </u>	<u> </u>
SW2 (DS) Station:	<u> </u>	<u> </u>	<u> </u>
Tookey Creek SW3 (US) Station:	<u> </u>	<u> </u>	<u> </u>
SW4 (DS) Station:	<u> </u>	<u> </u>	<u> </u>

Sign-off

	Print Name	Signature
Courtyce Power Partners Representative/EMI	<u>Tyler Handman</u>	<u>[Signature]</u>
Golder Field Representative/CEP:	<u>Steve Auer</u>	<u>[Signature]</u>
Covanta Representative:	<u>[Signature]</u>	<u>[Signature]</u>



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#: 12-1151-0155_4000

Project Contacts			EESC Monitoring Field Observations/Logistics	
Covenant Contact:	Jim Delaney	1-800-422-5350	Date(s):	APR 24/13
Courice Power Partners Site Contact:	Jeff Bedard	416-574-5525	Time(s) of EMI:	2:00PM - 3:00PM
Courice Power Partners AB Site Contact/WMS Coord:	Jarica Campbell	847-537-3779	(start-finish)	
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	260-894-0558	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-8385	Antecedent Weather Conditions:	NO MILKSHAKES SEEN AT TIME OF WALK
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	Other Notables:	- RAIN APRIL 24/13 5mm
Golder AB CEP/Field Specialist:	Nick Gorak	416-902-8601		
Golder SW Field Specialist:				

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

EESC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic Down gradient Reaches Around Site Perimeter		Y	-NO DEFICIENCIES FOUND. - ALL FENCE INTACT AND STABLE - NOTHING TO NOTE.
Preservation of Natural Vegetation	All around site perimeter		Y	- ALL NATURAL VEGETATION GOOD HEALTHY. PROTECTED TREES ON SITE HEALTHY REMAIN PROTECTED.
Vehicle Entrance to the site			Y	ENTRANCE IN NEED OF SWEEP - SCHEDULED FOR TOMORROW.
StockPiles (Nos 1, 2, Working, Construction Fill)			Y	STABLE NO EVIDENT EROSION.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS CLEAR.
Minor pumping/controlled discharge Efforts			Y	NO PUMPING AT TIME OF WALK
Additional EESC Measures: - Temporary Seeding. - Permanent Seeding. - Sod Stabilization. - Mulching. - Inlet Protection.			Y	ALL ADDITIONAL MEASURES IN PLACE, NO DISTURBANCES OR NEED FOR ATTENTION.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
ES&C Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	2:45		Y	POND LEVEL LOW, BELOW BREACH POINT OF POND
East SWM Pond	2:50		Y	
Downstream Receiving Swale	3:00		Y	NO PUMPING, NO RUN-OFF
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		-		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	-	-	-	
West SWM Pond	-	-	-	
Downstream Receiving Swale	SW1 (US) Station:	-	-	
	SW2 (DS) Station:	-	-	
Tooley Creek	SW3 (US) Station:	-	-	
	SW4 (DS) Station:	-	-	
Sign-off				
Courice Power Partners Representative/EMI	Print Name: A. GIROCEA	Signature:		
Golder Field Representative/CEP:	Steve A. Cox	Signature:		
Covanta Representative:	David Haldenby	Signature:		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#s: 12-1151-0155, 4000			
Project Contacts		Mobile #s	E&S Monitoring Field Observations/Logistics
Covanta Contact	Jim Delaney	1-850-422-5350	Date(s): <u>JUNE 28/13</u> Time(s) of EMI: _____ Field Staff: <u>ANTHONY CIROLCA</u>
Courtnice Power Partners Site Contact	Jeff Bedard	416-574-5525	<u>11:30 -</u> (start-finish)
Courtnice Power Partners All Site Contact/H&S Coord	Janice Campbell	647-537-3779	<u>12:00</u>
Golder PM/Water Resources Engineer/CPESC	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions: <u>* NO MILKSHAKES @ TIME OF INSPECTION *</u>
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	<u>* RAIN DURING INSPECTION *</u>
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601	
Golder SW Field Specialists			Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtnice Power Partners

E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	ALL SILT FENCE INTACT, NO DEFICIENCIES PRESENT @ TIME OF INSPECTION
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEGETATION HEALTHY, IN GOOD ORDER.
Vehicular Entrance to the site			Y	ENTRANCE CLEAN - SWEEP COMPLETED 28/06/13
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	ALL STOCKPILES HOLDING - NO SIGNS OF EROSION
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS WORKING - IN NEED OF SILT CLEAN-UP
Minor pumping/controlled discharge Efforts			Y	GROUND TOO WET AT THE MOMENT WILL BE COMPLETE ONCE DRY.
Additional E&S Measures - Temporary Seeding. - Permanent Seeding. - Sod Stabilization. - Mulching. - Inlet Protection			Y	NON AT TIME OF INSPECTION ALL ADDITIONAL MEASURES ARE STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtyce Power Partners				
ES&C Measures	Time of Observation (If notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (Incl. during visit weather conditions)
West SWM Pond			Y	- NO PUMPING @ TIME OF INSPECTION - CONTROLLED DISCHARGE COMPLETED 25/06/13
East SWM Pond			Y	" " "
Downstream Receiving Swale			Y	NO PUMPING @ TIME.
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details: JUNE 25, 2013 - TSS & TOB. ONLY Sampling; JUNE 28, 2013		
JUNE 28, 2013 INFO. BELOW (ONLY)		SPILL RESPONSE IN SWAMP-E (IN)		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (Incl. during visit weather conditions)	
East SWM Pond	(1) 5:30 PM. (2) 7:30-8 PM.	Y	DIE SPILL CONTAINMENT ROOM SETUP AT SWAMP-E (INLET). Sampling & FOR WINEGATE OIL/GREASE OCCURRED AT INSIDE & OUTSIDE OF BANK LOCATION.	
West SWM Pond	(1) 5:55 PM	Y	NO EVIDENCE OF ANY SPILL MIGRATING TO THIS SWAMP FEATURE.	
Downstream Receiving Swale	SW1 (US) Station: SW2 (DS) Station:	- -	NO DISCHARGE EVIDENT FROM SWAMP-E (OUT) DURING SPILL RESPONSE FOLLOW-UP. Sampling VISIT	
Tooley Creek	SW3 (US) Station: SW4 (DS) Station:	- -	ON JUNE 28, 2013, THERE WAS > 1m DISTANCE FROM WATER LEVEL IN POND TO TEMP INLET PIPE INVERT.	
Sign-off		* THEREFORE, FOLLOW-UP INSPECTION OF RECEIVING WATER AN		
Courtyce Power Partners Representative/EMI	Print Name ANTHONY CIPOLLA	Signature 	TUESDAY JULY 2, 2013 WAS PLANNED.	
Golder Field Representative/CEP:	STEVE JUKER	Signature 	N.B. THERE WAS NO EVIDENCE/INDICATION	
Covanta Representative:	DAVE HALLORBY	Signature 	THAT EITHER SWAMP ON-SITE	

DISCHARGED DURING THE JUNE 28 TO JULY 9, 2013 PERIOD, DURING THE FULL EXTENT OF THE SPILL RESPONSE INVESTIGATION.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
Golder Project/Task#: 12-1151-0155_4000

Project Contacts		Mobile #'s	EMSC Monitoring Field Observations/Logistics	
Contract Contact	Jim Delaney	1-850-423-5350	Date(s): MAY 29/13	Time(s) of EMI:
Courtna Power Partners Site Contact	Jeff Badard	416-574-5525	9:30-10:00	(start-finish)
Courtna Power Partners All Site Contact/H&S Coord	Jenica Campbell	847-837-3779	Field Staff: SCOTT BRAZEAU	
Golder PM/Water Resources Engineer/CPEBC:	Steve Auger	288-204-0888	Health & Safety PPE/Orientation (Y/N, details): NO MILKSHAKES @ TIME OF WALK.	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burton	905-406-9300	Antecedent Weather Conditions: RAINED OVERNIGHT - NO RAIN @ TIME OF WALK. FOGGY AND HUMID	
Golder PD/Senior Water Resources Engineer:	Terry Winfield	416-473-2907		
Golder Air CEP/Field Specialist	Nick Gorski	416-802-5501		
Golder SW Field Specialist			Other Notables:	

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtna Power Partners

EASC Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	ALL SILT FENCE IN PLACE
Preservation of Natural Vegetation	All around site perimeter		Y	GRASS IS GROWING
Vehicle Entrances to the site			Y	ENTRANCE IN CLEAN, SWEEP ON MAY 29TH/13
Stock Piles (Nos 1, 2, Working, Construction Fill)			Y	ALL STOCK PILES OK
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	ROCK DAMS IN PLACE. WATER FLOWING THRU
Minor pumping/controlled discharge Efforts			Y	NO PUMPING @ TIME OF WALK.
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Erod Stabilization; - Mulching; - Inlet Protection.			Y	NO ACTION REQ



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrace Power Partners				
ES&C Features	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	9:45	NONE	Y	WATER LEVEL ON LOWER LEVEL \approx WATER LEVEL ON UPPER LEVEL.
East SWM Pond			N	NO ISSUES.
Downstream Receiving Swale				
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Y	Details: _____	
SW Features	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	9:46am	Y	No sheen noted. controlled discharge started at 9:45am. Pump ran out of gas. No odours noted. Light brown. Temperature of air 25°C, no precipitation.	
West SWM Pond	10:02am	Y	No sheen, no odours. controlled discharge started at 10am. Sample taken at outlet at 10:31am. Light brown in colour. Photos taken at outlet as well.	
Downstream Receiving Swale	SW1 (US) Station:	10:47am	Y	Some algae growth around outlet. Medium flow. No sheen / odour present.
	SW2 (DS) Station:	11:07am	Y	Organic debris present, No odour or sheen.
Tooley Creek	SW3 (US) Station:	12:00pm	Y	No odour or sheen. Tall grass on banks. Rocky stream bed. Medium flow rate.
	SW4 (DS) Station:	11:46pm	Y	No odour / sheen. Tall grass on banks. Medium flow.
Sign-off				
Courtrace Power Partners Representative/EMI	Print Name	SCOTT BRAZEAU	Signature	
Golder Field Representative/CEP:		Steve Auger		
Covanta Representatives:		Steve Halliday		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covenant Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>2:30 - 3:00</u> Time(s) of EMI: _____ Field Staff: <u>ANTHONY CIROLLA</u>
Courice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish) _____
Courice Power Partners Alt Site Contact/H&S Coord	Janica Campbell	647-537-3779	<u>Nov 29, 2013</u>
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: <u>* SNOW FALL SCUM NOV 27/13 *</u>
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	<u>* NO MUXSWAKES @ TIME OF WKS *</u>
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-8601	_____
Golder SW Field Specialists			Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	PERIMETER FENCE ALL INTACT ALL PREVIOUSLY MENTIONED DEFICIENCIES HAVE BEEN RECTIFIED.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEGETATION FROZEN/6" OF FROST IN EARTH.
Vehicular Entrance to the site			Y	CLEAR/FREE OF DIRT & DEBRIS.
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	EAST STOCK PILE INTACT - WEST PILE SPREAD THROUGHOUT SITE.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	SWALES CLEAR OF DEBRIS - SOUTH/WEST SIDES HYDROSEEDED.
Minor pumping/controlled discharge Efforts			N	NO PUMPING @ TIME OF WKS
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL ADDITIONAL MEASURES STILL IN PLACE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrace Power Partners				
E&S Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (Incl. during visit weather conditions)
West SWM Pond	2:40	—	Y	POND FROZEN/NO PUMPING
East SWM Pond	2:45	—	Y	“ “
Downstream Receiving Swale	2:50	—	N	OUTSIDE OUR SITE.
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
—		—		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (Incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	
	SW2 (DS) Station:	—	—	
Tooley Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station:	—	—	
Sign-off				
Print Name		Signature		
Courtrace Power Partners Representative/EMI		A. CIVOLA		
Golder Field Representative/CEP:		Steve Brown		
Covanta Representative:		[Signature]		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report					
Golder Project/Task#s: 12-1151-9155 4000					
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics		
Covenant Contact	Jim Delaney	1-860-422-5350	Date(s):	Time(s) of EMI	Field Staff:
Courtrice Power Partners Site Contact	Jeff Bedard	418-574-5525		(start-finish)	ANTHONY CIPOLLA
Courtrice Power Partners All Site Contact/H&S Coord	Jance Campbell	647-537-3778			
Golder PM/Water Resources Engineer/CPESC	Steve Auger	289-894-0556			
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355			
Golder PD/Senior Water Resources Engineer	Terry Winhold	418-473-2600			
Golder Alt CEP/Field Specialist	Nick Gorski	418-802-6601			
Golder SW Field Specialists					
			Health & Safety PPE/Orientation (Y/N, details):		
			Antecedent Weather Conditions:	NO MILLSNAKES @ TIME OF INSPECTION	
			Other Notables:		
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners					
E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations	
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter			NORTH/EAST & SOUTH FENCE INTACT. WORKERS REPAIRING WEST FENCE @ TIME OF INSPECTION.	
Preservation of Natural Vegetation	All around site perimeter		N	VEGETATION HEALTHY, NO SIGNS OF DEGRY.	
Vehicular Entrance to the site			N	ENTRANCE CLEAR, CLEAN.	
Stock Piles (No s 1, 2 Working, Construction Fill)			N	EAST STOCK PILE INTACT.	
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		N	SWALES CLEAR, NO DEBRIS.	
Minor pumping/controlled discharge Efforts			N	NONE @ TIME.	
Additional E&SC Measures - Temporary Seeding, - Permanent Seeding, - Sod Stabilization, - Mushing, - Inlet Protection			N	ALL MEASURES STILL IN PLACE	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
E&SC Measures	Time of Observation (If notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (Incl. during visit weather conditions)
West SWM Pond	3:20		N	FROZEN POND
East SWM Pond	3:25		N	FROZEN POND
Downstream Receiving Swale			N/A	N/A.
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		—		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (Incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	
	SW2 (DS) Station:	—	—	
Tooley Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station:	—	—	
Sign-off				
Courtrice Power Partners Representative/EMI	Print Name: <u>Anthony C. Jones</u>	Signature:		
Golder Field Representative/CEP:	<u>Dave Haldenby</u>	Signature:		
Covanta Representative:		Signature:		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#: 12-1151-0155_4000

Project Contacts			Mobile #s	EASC Monitoring Field Observations/Logistics	
Courice Contact:	Jim Delaney	1-880-422-8360	Date(s):	Nov 11/13	Time(s) of EMI: 1:00 PM - 4:00 PM
Courice Power Partners Site Contact	Jeff Bedard	416-574-8526			Field Staff: A. C. ROLLA
Courice Power Partners AR Site Contact/H&S Coord	Janice Campbell	847-537-3779			
Golder PM/Water Resources Engineer/CPEBC:	Steve Auger	289-894-0556			
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-8355	Health & Safety PPE/Orientation (Y/N, details):		
Golder PD/Senior Water Resources Engineer:	Terry Winhold	418-473-2800	Antecedent Weather Conditions:	NO HILL SNAGS SEEN @ TIME OF WORK	
Golder AR CEP/Field Specialist	Nick Gorski	418-502-8501		- RAIN EVENT THURSDAY OCT 31/13 -	
Golder SW Field Specialists			Other Notables:		

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

EASC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Site Fencing	Strategic, Down gradient Rasches Around Site Perimeter	SOUTH PERIMETER NEEDS FENCE ALONG NEW FENCE TEARS FROM WIND IN VARIOUS LOCATIONS		
Preservation of Natural Vegetation	All around site perimeter		N	ALL VEGETATION SEEMS HEALTHY, ALL NEW HYDRATED GROWING.
Vehicular Entrance to the site			N	ENTRANCE CLEAR, LAST SWEEP ON THE 29th.
Stockpiles (No.s 1, 2, Working, Construction Fill)			N	WEST STOCKPILE COMPLETE, EAST INTACT.
Interceptor Swales, Including Rock Check Dams	Around Site Perimeter		N	SWALES CLEAR, WEST & SOUTH HAS TOPSOIL INSTALLED.
Minor pumping/controlled discharge Efforts			N	NONE @ TIME.
Additional EASC Measures: - Temporary Seeding, - Permanent Seeding, - Sod Stabilization, - Mulching, - Inlet Protection.			N	ALL MEASURES ARE STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners

E&SC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	4:30		N	NO CONTROLLED DISCHARGES @ TIME OF WALK. WATER CLEAR
East SWM Pond	4:35		N	
Downstream Receiving Swale	/		N	CANNOT VIEW, THIS IS OUTSIDE OUR SITE.

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): N Details: —

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	—	—	—
West SWM Pond	—	—	—
Downstream Receiving Swale	SW1 (US) Station:	—	—
	SW2 (DS) Station:	—	—
Tonley Creek	SW3 (US) Station:	—	—
	SW4 (DS) Station:	—	—

Sign-off

Courice Power Partners Representative/EMI: A. Ciralia
 Golder Field Representative/CEP: Steve Axcel
 Covanta Representative: Dave Holdenby

(Signatures: A. Ciralia, Steve Axcel, Dave Holdenby)











Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task/ID: 12-1151-1185_49/0			
Project Contacts		Mobile #	ES&C Monitoring Field Observations/Logistics
Curative Contact:	Jim Delaney	1-560-422-6350	Date(s): <u>Apr 2/14</u> Time(s) of EMI: _____ Field Staff: <u>ANTHONY CIPOCCA</u>
Curative Power Partners Site Contact:	Jeff Bodey	416-674-6526	Time(s) of EMI: _____ (start-End): _____
Curative Power Partners All Site Contact/H&S Coord:	Janice Campbell	847-637-3779	Time(s) of EMI: _____ (start-End): _____
Golder PM/Utility Resources Engineer/CPEEC:	Steve Augst	289-634-0556	Health & Safety PPE/Orientation (Y/N, details): <u>NO HAZARDOUS WASTE SEEN DURING WED</u>
Golder Waste Services Contact/Local H&S Coordinator:	Amy Busch	905-409-8366	Antecedent Weather Conditions: _____
Golder PCIS/Utility Water Resources Engineer:	Terry Winhold	416-473-2800	_____
Golder All CEF Field Specialist:	Nick Carold	416-602-6801	_____
Golder SW Field Specialist:			Other Noted: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Curative Power Partners

ES&C Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reach Around SF Perimeter		Y	FENCE INTACT NO SIGNS OF TURNS
Preservation of Natural Vegetation	At around site perimeter		Y	AREA PRESERVED, NO DISTURBANCES
Vegetative Barriers to the Site			Y	CLEAR OF DEBRIS
Stockpiles (N/A, 1, 2, Working, Construction Fill)			Y	LAST STOCKPILE INTACT NO DEBRIS
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	SWALES SNOW FILLED.
Hourly pumping/controlled discharge Efforts			N	NONE @ TIME.
Additional ES&C Measures: - Temporary Seeding; - Permanent Seeding; - Silt Stabilization; - Mulching; - Erosion Protection			Y	ALL MEASURES STILL PRESENT.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Centrica Power Partners				
EMIC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	8:40		Y	SNOW FILLED, FROZEN
East SWM Pond	8:45		Y	" " "
Downstream Receiving Swale	N/A		N/A	
Section 2: Surface Water and/or Spill Control Response: Sampling Summary Rpt by Golder Associates Ltd. - COMPLETE FRIDAY FEB. 28/14				
Surface Water Sampling Performed (Y/N):		Details: - Sunny ~ (-15°C)		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
EA-1 SWM Pond	1315	Y	- frozen, snow covered - no discharge.	
West SWM Pond	1330	Y	" "	
Downstream Receiving Swale	SW1 (US) Station: SW2 (D3) Station:	1400 Y	- swale is frozen + snow covered - no flow	
Toolay Creek	EW3 (US) Station: SW4 (D5) Station:	N/A N	- not observed (truck battery problems)	
Sign-off				
Courice Power Partners Representative/EMI				
Golder Field Representative/CEP:	    			
Coventry Representative:	 			



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covenant Contact:	Jim Delaney	1-860-422-5350	Date(s): Nov 8/13 Time(s) of EMI: _____ Field Staff: A. CIPOLLA
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525	4:30 - 5:00 PM (start- finish)
Courtice Power Partners All Site Contact/H&S Coord	Jarica Campbell	847-837-3779	
Golder PM/Water Resources Engineer/CPEEC	Steve Auger	289-894-0558	Health & Safety PPE/Orientation (Y/N, details): NO MILKSHAKES DURING WALK
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: _____
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	
Golder AIR CEP/Field Specialist	Nick Gorski	416-802-8801	
Golder SW Field Specialists			Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	- SILT FENCE HAVE SOME SAG AREAS IN NEED OF RE-FASTENING	PHOTOS FROM 11/4/13	- SILT FENCE ADDED ALONG SOUTH PERIMETER. (SECTION OF NEW CHAIN LINK)
Preservation of Natural Vegetation	All around site perimeter		Y	VEGETATION HEALTHY NO ISSUES.
Vehicular Entrance to the site			Y	ENTRANCE CLEAR - SWEEP 11/07/13 WEST STOCKPILE GONE/SPREAD
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	SPOT STOCKPILE INTACT & HOLDING
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	SWALES/CHECK DAMS CLEAR SOUTH/WEST SWALES HYDROSEDED.
Minor pumping/controlled discharge Efforts			Y	NONE @ TIME OF INSPECTION/S
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL MEASURES STILL IN PLACE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
EASC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	4:45		Y	POND PUMPED DOWN TO BELOW CAPACITY
East SWM Pond	4:50		Y	PLANTING IN POND/HYDROSEED COMPLETE.
Downstream Receiving Swale	5:00		N	OUTSIDE OF SITE
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		—		
BW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	
	SW2 (DS) Station:	—	—	
Tooley Creek	SW3 (UB) Station:	—	—	
	SW4 (DB) Station:	—	—	
Sign-off				
Courtrice Power Partners Representative/EMI:	Print Name A. Ciorra	Signature 		
Golder Field Representative/CEP:	Steve Power			
Covanta Representative:	Steve Halden			



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#: 12-1151-0155_4000

Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics	Field Staff: <i>A. CIRIOCA</i>
Covenant Contact:	Jim Delaney	1-860-422-5350	Date(s): <i>March 09/14</i> Time(s) of EMI: _____	
Courtrice Power Partners Site Contact:	Jeff Bedard	416-574-5525	(start-finish)	
Courtrice Power Partners All Site Contact/H&S Coord:	Janice Campbell	647-537-3779	<i>6:30 - 7:30</i>	
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	<i>NO MESSAGES SEEN DURING WALK</i>
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-0355	Antecedent Weather Conditions:	
Golder PDI/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	Other Notables:	
Golder All CEP/Field Specialist:	Nick Gorski	416-802-6601		
Golder SW Field Specialist:				

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	FENCE INTACT, NO SIGNS OF TEARS
Preservation of Natural Vegetation	A/ around site perimeter		Y	VEGETATION PROTECTED & PRESERVED
Vehicular Entrance to the site			Y	CLEAR, NO DEBRIS
Stock Piles (Nos 1, 2, Working, Construction Fill)			Y	EAST PILE INTACT, NO EROSION.
Interceptor Swales including Rock Check Dams	Around Site Perimeter		Y	SWALES CLEAR
Minor pumping/controlled discharge Efforts			N	NONE @ TIME OF WALK
Additional E&SC Measures - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection			Y	ALL MEASURES STILL IN PLACE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
ES&C Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond			Y	No pumping
East SWM Pond			Y	No pumping
Downstream Receiving Swale			N/A	N/A
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
N		-		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	-	-	-	
West SWM Pond	-	-	-	
Downstream Receiving Swale	SW1 (US) Station:	-	-	
	SW2 (DS) Station:	-	-	
Tooley Creek	SW3 (US) Station:	-	-	
	SW4 (DS) Station:	-	-	
Sign-off				
Courice Power Partners Representative/EMI:	Print Name: A. GIPOUA	Signature: [Handwritten Signature]		
Golder Field Representative/CEP:	STEVE AYOOK	Signature: [Handwritten Signature]		
Covanta Representative:	Dave Felderby	Signature: [Handwritten Signature]		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#s: 12-1151-0155, 4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covanta Contact	Jim Delaney	1-860-422-5350	Date(s): FEB 14 2014 Time(s) of EMI: _____ Field Staff: ANTHONY CIROLLA
Courtrice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish) _____
Courtrice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	_____
Golder PM/Water Resources Engineer/CPEEC	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-8355	Antecedent Weather Conditions: *NO MILKSNAKES SEEN*
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	_____
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601	_____
Golder SW Field Specialists			Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	ALL AREAS HAVE BEEN REPAIRED, ALL AREAS GOOD CONDITION
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS PRESERVED.
Vehicular Entrance to the site			Y	CLEAR OF DEBRIS
Stock Piles (No.s 1, 2, Working, Construction F#)			Y	EAST PILE INTACT, NO EROSION
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	CLEAR OF DEBRIS
Minor pumping/controlled discharge Efforts			N	NO PUMPING
Additional E&SC Measures - Temporary Seeding. - Permanent Seeding. - Sod Stabilization. - Mulching. - Inlet Protection.			Y	ALL MEASURES ARE IN PLACE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
E&SC Measures	Time of Observation (If notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (Incl. during visit weather conditions)
West SWM Pond			Y	No Pumping
East SWM Pond			Y	" "
Downstream Receiving Swale			N/A	
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (Incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station	—	—	
	SW2 (DS) Station	—	—	
Tooley Creek	SW3 (US) Station	—	—	
	SW4 (DS) Station	—	—	
Sign-off				
Courice Power Partners Representative/EMI	Print Name: <u>A. Spolka</u> Signature:			
Golder Field Representative/CEP:	Signature:			
Covanta Representative:	Signature:		Signature:	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Golder Project/Task#s 12-1151-0155_4000

Project Contacts	Mobile #s
Covanta Contact: Jim Delaney	1-860-422-8350
Courtice Power Partners Site Contact: Jeff Bedard	416-574-5625
Courtice Power Partners Alt Site Contact/H&S Coord: Janice Campbell	647-537-3779
Golder PM/Water Resources Engineer/CPESC: Steve Auger	289-694-0656
Golder Waste Services Contact/Local H&S Coordinator: Amy Burke	905-409-9355
Golder PD/Senior Water Resources Engineer: Terry Winhold	416-473-2800
Golder Alt CEP/Field Specialist: Nick Goraki	416-802-6601
Golder SW Field Specialists:	

E&SC Monitoring Field Observations/Logistics

Date(s): Mar 14/14 Time(s) of EMI: _____
 9:00 - (start-finish) _____
 10:00 _____

Field Staff: ANTHONY CIROCCA

Health & Safety PPE/Orientation (Y/N, details): _____

Antecedent Weather Conditions: _____

★ NO MILKMAKES SEEN DURING WALK ★

Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	<u>WEST FENCE TORN IN NEED OF REPAIR.</u>	<u>Y</u>	<u>ALL OTHER AREAS ARE OK</u>
Preservation of Natural Vegetation	All around site perimeter		<u>Y</u>	<u>PRESERVATION IN PLACE, NO DISTURBANCE.</u>
Vehicular Entrance to the site			<u>Y</u>	<u>CLEAR, STREET SWEEP MAR 11/14</u>
Stock Piles (No.s 1, 2, Working, Construction Fill)			<u>Y</u>	<u>EAST PILE INTACT.</u>
Interceptor Swale, Including Rock Check Dams	Around Site Perimeter		<u>Y</u>	<u>SWALES CLEAR.</u>
Minor pumping/controlled discharge Efforts			<u>N</u>	<u>NO PUMPING @ TIME OF INS</u>
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			<u>Y</u>	<u>ALL MEASURES STILL IN PLACE.</u>



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	9:40		Y	NO PUMPING, FROZEN POND
East SWM Pond	9:48		Y	" " "
Downstream Receiving Swale			N/A	N/A.
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station: —	—	—	
	SW2 (DS) Station: —	—	—	
Tooley Creek	SW3 (US) Station: —	—	—	
	SW4 (DS) Station: —	—	—	
Sign-off				
Courtrice Power Partners Representative/EMI	Print Name: <u>A. Cipolla</u>	Signature:		
Golder Field Representative/CEP:	<u>Steve Prose</u>			
Covanta Representative:	<u>D. Haldenby</u>			



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#s 12-1151-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s): 12:00 Time(s) of EMI: _____
Courtrice Power Partners Site Contact	Jeff Bedard	416-574-5925	12:40 (start-finish) _____
Courtrice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	Mar 21/14 _____
Golder PM/Water Resources Engineer/CPESC	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): _____
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions: _____
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	_____
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601	_____
Golder SW Field Specialist			Other Notables: _____
			Field Staff: ANTHONY CIPOLLA
			* NO MILKSHAKES SEEN DURING WALK *
			* RAIN 1-2mm MAR 19/14 *

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	PERIMETER SILT FENCE IN GOOD ORDER ALL WEST SILT FENCE HAS BEEN REPAIRED AS OF MAR 17/14
Preservation of Natural Vegetation	All around site perimeter		Y	VEGETATION PROTECTED & HEALTHY.
Vehicular Entrance to the site			Y	CLEAR OF DEBRIS - STREET SWEEP SCHED MAR 24/26-
Stock Piles (No a 1.2, Working, Construction Fill)			Y	EAST PILE INTACT, NO EROSION.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	SWALES ARE CLEAR
Minor pumping/controlled discharge Efforts			Y	NO PUMPING @ TIME OF WALK.
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice Power Partners

E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (Incl. during visit weather conditions)
West SWM Pond	—	—	Y	No Pumping @ TIME OF WALK
East SWM Pond	—	—	Y	No Pumping @ TIME OF WALK
Downstream Receiving Swale	—	—		

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): N Details: —

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (Incl. during visit weather conditions)
East SWM Pond	—	—	—
West SWM Pond	—	—	—
Downstream Receiving Swale SW1 (US) Station:	—	—	—
SW2 (DS) Station:	—	—	—
Tooley Creek SW3 (US) Station:	—	—	—
SW4 (DS) Station:	—	—	—

Sign-off

Coutrice Power Partners Representative/EMI: A. Cibola
 Golder Field Representative/CEP: Steve [Signature]
 Covanta Representative: [Signature]



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s): Nov 22/15 Time(s) of EMI: _____ Field Staff: ANTHONY CIRALLA
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525	1:00PM - (start-finish)
Courtice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	847-537-3779	2:00PM
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): * NO MILK SNAKES @ TIME OF INSPECTION
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: _____
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	_____
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601	_____
Golder SW Field Specialists			Other Notables: _____

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	ONE LOCATION ALONG WEST PERIMETER HAS DRAPPED OVER. NEED REFASTENING.	Y	ALL LOCATIONS FROM PREVIOUS REPORT HAVE BEEN REPAIRED
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS HEALTHY
Vehicular Entrance to the site			Y	CLEAR OF DEBRIS,
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	STOCK PILE WEST GONE, EAST INTACT.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	CLEAR, HYDRASEED IN PLACE @ SOUTH/WEST SIDE.
Minor pumping/controlled discharge Efforts			Y	NONE @ TIME
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL ADDITIONAL MEASURES IN PLACE.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice Power Partners

E&SC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	1:30		Y	CONTROLLED DISCHARGE STAT @ 8AM
East SWM Pond	1:40		Y	" " "
Downstream Receiving Swale	1:50		N	OUTSIDE PROPERTY.

Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.

Surface Water Sampling Performed (Y/N): _____ Details: _____

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond			
West SWM Pond			
Downstream Receiving Swale SW1 (US) Station:			
SW2 (DS) Station:			
Tooley Creek SW3 (US) Station:			
SW4 (DS) Station:			

Sign-off

Coutrice Power Partners Representative/EMI	Print Name <u>A-Cipara</u>	Signature
Golder Field Representative/CEP:		
Covanta Representative:		









Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Golder Project/Task/s: 12-1151-0155_4000				
Project Contacts			E&SC Monitoring Field Observations/Logistics	
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s):	Mar 28/14
Courtrice Power Partners Site Contact	Jeff Bedard	416-574-5525	Time(s) of EMI:	12:00pm - 1:00pm
Courtrice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	(start-finish)	
Golder PM/Water Resources Engineer/CPESC	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	* NO MISTAKES SEEN DURING WALK
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions:	* OVERCAST & LIGHT RAIN
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800		
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601	Other Notables:	
Golder SW Field Specialists				
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic Down gradient Reaches Around Site Perimeter		Y	FULL SPRING MAINTENANCE OF ALL SILT FENCE COMPLETED → MAR. 26, 27, 28
Preservation of Natural Vegetation	All around site perimeter		Y	VEGETATION PROTECTED & CHECKED FOR CLEANLINESS
Vehicular Entrance to the site			Y	CLEAR OF DEBRIS
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	NO EROSION
Interceptor Swales, Including Rock Check Dams	Around Site Perimeter		Y	SWALES ARE CLEAR
Minor pumping/controlled discharge Efforts			Y	NO PUMPING @ TIME OF WALK
Additional E&SC Measures* - Temporary Seeding; - Permanent Seeding; - Sod Stabilization, - Mulching, - Inlet Protection			Y	ALL MEASURES STILL IN PLACE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
EASC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	—	—	Y	No Pumping At Time of Walk
East SWM Pond		—	Y	No Pumping At Time of Walk
Downstream Receiving Swale		—		
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N): <u>N</u> Details: <u>—</u>				
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	—	—	—	
West SWM Pond	—	—	—	
Downstream Receiving Swale	SW1 (US) Station:	—	—	
	SW2 (DS) Station:	—	—	
Tooley Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station:	—	—	
Sign-off				
Courtrice Power Partners Representative/EMI	Print Name <u>Laurence Patiquin</u>	Signature <u>Laurence Patiquin</u>		
Golder Field Representative/CEP:	<u>Steve Anger</u>			
Covanta Representative:	<u>Paul Haldeby</u>			