



APPENDIX D

Environmental Monitor and Inspector Reports



E&SC Measures		Date	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations																																																															
<p>Durham-York Energy Centre - Erosion and Sediment Control (E&SC) Monitoring Report <i>Environmental Monitoring Inspection Report</i></p> <p>Golder Project/Task#: 12-1151-0165_4000</p> <table border="1"> <tr> <td colspan="2">Project Contacts</td> <td>Mobile #s</td> <td colspan="4">E&SC Monitoring Field Observations/Logistics</td> </tr> <tr> <td>Corporate Contact:</td> <td>Jim Delaney</td> <td>1-800-422-6360</td> <td>Date:</td> <td colspan="3">MAY 29 / 12 Field Staff: Jeff Berland</td> </tr> <tr> <td>Courville Power Partners Site Contact:</td> <td>Jeff Berland</td> <td>416-574-8825</td> <td colspan="4">June 1/12</td> </tr> <tr> <td>Courville Power Partners Alt Site Contact/H&S Coord:</td> <td>Junice Campbell</td> <td>847-537-3770</td> <td colspan="4">June 1</td> </tr> <tr> <td>Golder PM/Water Resources Engineer/CPESC:</td> <td>Steve Auger</td> <td>288-234-0836</td> <td colspan="4">Health & Safety PPE/Orientation (Y/N, details):</td> </tr> <tr> <td>Golder Waste Services Contact/Local H&S Coordinator:</td> <td>Amy Burks</td> <td>905-409-9355</td> <td colspan="4">Antecedent Weather Conditions: PM 29 (PARTLY CLOUDY) (RAIN / WINDY)</td> </tr> <tr> <td>Golder PD/Benior Water Resources Engineer:</td> <td>Terry Winhold</td> <td>416-473-2800</td> <td colspan="4">Other Notables: INITIAL SITE RECONNAISSANCE TO GOLDER ON MAY 29, 2012</td> </tr> <tr> <td>Golder AR CEP/Field Specialist:</td> <td>Nick Gosak</td> <td></td> <td colspan="4"></td> </tr> <tr> <td>Field Specialist:</td> <td>Peter Hebert</td> <td></td> <td colspan="4"></td> </tr> </table>							Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics				Corporate Contact:	Jim Delaney	1-800-422-6360	Date:	MAY 29 / 12 Field Staff: Jeff Berland			Courville Power Partners Site Contact:	Jeff Berland	416-574-8825	June 1/12				Courville Power Partners Alt Site Contact/H&S Coord:	Junice Campbell	847-537-3770	June 1				Golder PM/Water Resources Engineer/CPESC:	Steve Auger	288-234-0836	Health & Safety PPE/Orientation (Y/N, details):				Golder Waste Services Contact/Local H&S Coordinator:	Amy Burks	905-409-9355	Antecedent Weather Conditions: PM 29 (PARTLY CLOUDY) (RAIN / WINDY)				Golder PD/Benior Water Resources Engineer:	Terry Winhold	416-473-2800	Other Notables: INITIAL SITE RECONNAISSANCE TO GOLDER ON MAY 29, 2012				Golder AR CEP/Field Specialist:	Nick Gosak						Field Specialist:	Peter Hebert					
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics																																																																		
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Golder AR CEP/Field Specialist:	Nick Gosak																																																																				
Field Specialist:	Peter Hebert																																																																				
Perimeter Silt Fencing	MAY 29 11:30 AM ↓ 10:00 AM	Strategic Downgradient Reaches Around Site Perimeter	GOOD ONE SECTION IN NEED OF REPAIR @ SE CORNER OF REGION LAND IMMEDIATELY WEST OF SITE (MAY 29, 2012)	Y N	Good (Protects Land Silt Fence @ Southern Section) REPAIRED ON _____																																																																
Preservation of Natural Vegetation		Along road		Y N	Undisturbed																																																																
Vehicle Entrances to the site				Y N	Good																																																																
Stock Piles (No. 1, 2, Working, Construction Fill)				Y N	Hydro seeded / good																																																																
Interceptor Swales, Including Rock Check Dams		Around Site Perimeter	* 3 Rock Check Dams UPSTREAM of W SWIM POND WITHIN SOURCE REQ. CLEANOUT.	Y N	good (CLEANOUTS OF ROCK CHECK DAMS ON _____)																																																																
Controlled Discharge / Minor Dewatering Efforts				Y N	under way from Refuse Pit																																																																
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.				Y N	erosion matting south and east side good																																																																



Durham York Energy Centre - Erosion and Sediment Control (E&SC) Monitoring Report				
E&SC Measures	DATE Time of Inspection	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	MAY 29 12:00 PM JUNE 10:00 AM		Y N	good, containing water no DISCHARGE
East SWM Pond	↓		Y N	good, still under construction containing water, no DISCHARGE
Downstream Receiving Swale	MAY 29, 2012 (cont.)	—		N/A INVESTIGATION BY GOLDER AS PART OF INITIAL SITE RECONSTRUCTION
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	—	—	—	
Teal Creek	—	—	—	
Sign-off				
Courtice Power Partners Representative/EMI	Print Name Jeff Beard	Signature	—	
Golder Field Representative/CEP:	Steve Ayer	Signature	—	
Covanta Representative:	John Delaney	Signature	—	



Durham-York Energy Centre - Erosion and Sediment Control (E&S) Monitoring Report

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

Project Contacts		Mobile #s	E&S Monitoring Field Observations/Logistics	Jeff Bedard
Covanta Contact	Jim Delaney	1-860-422-5350	Date: June 8/2012	Field Staff:
Courice Power Partners Site Contact	Jeff Bedard	416-574-5525		
Courice Power Partners Alt Site Contact/H&S Coord	Jenice Campbell	647-537-3779		
Golder PM/Water Resources Engineer/CPEEC	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	Yes
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions:	possible rain over night / Saturday
Golder PD/Sewer Water Resources Engineer:	Terry Winhold	416-473-2800		
Golder Alt CEP/Field Specialist	Nick Gorski			
Field Specialist	Peter Hebert		Other Notables:	

E&S Measures	Time of Inspection	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations	
Perimeter Silt Fencing	June 8/2012 10:00	Strategic Downgradient Reaches Around Site Perimeter	- west lot, (topsoil pile) silt fence needs repairs	N	- patch new piece in split	
Preservation of Natural Vegetation	↓			N	undisturbed	
Vehicular Entrance to the site				N	Good / replaced due to underground work	
Stock Piles (No s 1, 2, Working, Construction Fill)					N	no erosion/growing (hydro seal)
Interceptor Swale, including Rock Check Dams		Around Site Perimeter	- swale north end filling up	N	- hydro vacced out	
Dewatering Efforts					N	- under way from refuse pit and other surface water from rain
Additional E&S Measures: - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection					N	- erosion matting working, in good condition on east (old road) and south (by old rail crossing)

03/06/2012 @



Durham York Energy Centre - Erosion and Sediment Control (E&SC) Monitoring Report				
E&SC Measures	Time of Inspection	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	June 8/2012 10:00		N	- containing water - no discharge today (discharged by pump June 7/2012 - clear)
East SWM Pond	↓		N	- no discharge today (discharged by pump June 6/2012 - clear)
Downstream Receiving Swale	↓			N/A
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	—	—		
Todley Creek	—	—		
Sign-off				
Courtice Power Partners Representative/TM	Print Name <u>Jeff Beckard</u>	Signature 		
Golder Field Representative/CEP	<u>Jeff Beckard</u>			
Covanta Representative	<u>James Doherty</u>			



Durham-York Energy Centre - Erosion and Sediment Control (E&SC) Monitoring 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: <u>June 12/12</u> Field Staff: <u>Jeff Bedard</u>
Courtoise Power Partners Site Contact	Jeff Bedard	416-574-5525	
Courtoise Power Partners AR 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): <u>Yes</u>
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions: <u>Sunny and warm</u>
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	
Golder AR CEP/Field Specialist	Nick Oroski		
Field Specialist	Peter Hebest		Other Notables:

E&SC Measures	Time of Inspection	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations	
Perimeter Silt Fencing	10:00 AM	Strategic, Downgradient Reaches Around Site Perimeter	- 3 areas along south fence - 1 tear - 1 exposed bottom - @ cut-fall	Y	- repairs required. Call to fix.	
Preservation of Natural Vegetation	↓			Y		
Vehicle Entrance to the site				Y		
Stock Piles (No's 1, 2 Working, Construction Fill)				Y		
Interceptor Swale, including Rock Check Dams		Around Site Perimeter	- north area swale needs cleaning	Y	- CPP vacuumed out with Graff sucker trailer	
Dewatering Efforts				N	- surface water out of Refuse Pit into north swale	
Additional E&SC Measures - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection					Y	

NO REPAIRS AS COMPETE ON KOTBEDARD

12 JUNE 2013



Durham York Energy Centre - Erosion and Sediment Control (E&SC) Monitoring Report

E&SC Measures	Time of Inspection	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	10:00am		Y	No discharge
East SWM Pond			Y	No discharge
Downstream Receiving Swale	N/A	N/A	Y	N/A
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	—	—		
Toolley Creek	—	—		
Sign-off				
Courtice Power Partners Representative/IM	Print Name: <u>JEFF REDD</u>	Signature: <u>[Signature]</u>		
Golder Field Representative/CEP	<u>STEVE AUGER</u>	<u>[Signature]</u>		
Covanta Representative	<u>JAMES DENNEY</u> 20 AUG 2012	<u>[Signature]</u>		

* WALKED ENTIRE SITE BOUNDARY ON 16 JUNE 2013, NO DEFICIENCIES NOTED

[Signature]



Durham-York Energy Centre - Erosion and Sediment Control (E&S) Monitoring 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:	June 21/12	Field Staff: Jeff Bedard
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525		12:30 → 1:20	
Courtice Power Partners All Site Contact/H&S Coord	Janice Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details):	Yes	Sunny, hot
Golder PM/Water Resources Engineer/CPE&C	Steve Auger	289-894-0556	Antecedent Weather Conditions:		
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355			
Golder PE/Senior Water Resources Engineer	Terry Winhold	416-473-2800			
Golder All CEP/Field Specialist	Nick Gorski		Other Notables:		
Field Specialist	Peter Hebert				

E&S Measures	Time of Inspection	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	12:30 +/-	Strategic Downgradient Reaches Around Site Perimeter		Y	- looked good, no problems seen - including west lot (stockpile/fill area)
Preservation of Natural Vegetation				N	- undisturbed
Vehicular Entrance to the site				N	- good
StockPiles (No 1, 2, Working, Construction Fill)				Y	- vegetation starting to grow well
Interceptor Swale, including Rock Check Dams		Around Site Perimeter	- 2 south check dams need cleaning (silt)	Y	- excavation to dig silt out today
Dewatering Efforts				N	- minimal from refuse pit
Additional E&S Measures - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection					- hydro seeding growing - south and east erosion mat clean and working

21 JUNE 2012



Durham York Energy Centre - Erosion and Sediment Control (E&S) Monitoring Report

E&S Measures	Time of Inspection	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	12:30		Y	- no discharge - water level just over forebay wall
East SWM Pond	↓		Y	- only 1-2ft water - no discharge
Downstream Receiving Swale		N/A		N/A

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	—	—	
Toolery Creek	—	—	

Sign-off

Courice Power Partners Representative/LM	Print Name: <u>Jeff Deedard</u>	Signature: <u>[Signature]</u>
Golder Field Representative/CLP	<u>Steve Anwar</u>	<u>[Signature]</u>
Covanta Representative	<u>VALERIE DELANEY</u>	<u>[Signature]</u>



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

Golder Project/Tasks: 12-1151-0155-4000

Project Contacts			Mobile #s	E&S Monitoring Field Observations/Logistics	
Covanta Contact	Jim Delaney	1-800-422-5350	Date(s):	June 22/12	Time(s) of EMI: 9:30 - 10:15
Courtrise Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish)		Field Staff: Jeff Bedard
Courtrise Power Partners At Site Contact/H&S Coord	Janice Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details):	Y	
Golder PM/Water Resources Engineer/CPEEC	Steve Auger	289-494-0556	Antecedent Weather Conditions:	Sunny 25°C	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-400-9355			
Golder PD/Senior Water Resources Engineer	Terry Wehvald	416-473-2900			
Golder At CEP/Field Specialist	Nick Gorski	416-802-6001	Other Notables:		
Golder SW Field Specialists					

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrise 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	- good, no problems - including west lot (stockpile/fillarea)
Preservation of Natural Vegetation	All around site perimeter		N	- undisturbed
Vehicular Entrance to the site			N	- good
Stock Piles (No s 1, 2, Working, Construction Fill)			Y	- vegetation growing
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	- excavator dug out last 2 swales (as noted on June 21/12 inspection)
Minor pumping/controlled discharge Efforts			Y	- no pumping due to rain last night.
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	- hydro seeding growing - south end east erosion matting good

22 June 13

Durham-York Energy Centre
 22 Osbourne Rd, Coquiton, BC
 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 Courtrie 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	10:00		Y	- no discharge - filling up, still 2-3ft of capacity
East SWM Pond	↓		Y	- no discharge - only about 2ft of water in storage
Downstream Receiving Seals		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 Seals	SW1 (US) Station:	—		
	SW2 (DS) Station:	—		
Todley Creek	SW3 (US) Station:	—		
Black Creek				
Sign-off				
Courtrie Power Partners Representative/EM:	Print Name: Jeff Redard	Signature: [Signature]		
Golder Field Representative/CEP:	Steve Ducom	[Signature]		
Covanta Representative:	Mike Delaney	[Signature]	25 June 2013	



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 1-800-422-5350	Date(s):	Jun 25/2012 Time(s) of EMI: 9:10-10:00 Field Staff: Jeff Bedard
Courice Power Partners Site Contact		Jeff Bedard 418-574-5525	(start/finish):	
Courice Power Partners AR Site Contact/H&S Coord		Janice Campbell 647-537-3779	Health & Safety PPE/Orientation (Y/N, details):	
Golder P/Water Resources Engineer/CPEEC		Steve Auger 289-894-0556	Antecedent Weather Conditions:	
Golder Waste Services Contact/Local H&S Coordinator		Amy Burke 905-409-9355	y, rained on June 24/2012	
Golder PDI/Senior Water Resources Engineer		Terry Winhold 418-473-2800		
Golder AR CEP/Field Specialist		Nick Gorski 418-802-6501		
Golder SW Field Specialist			Other Notables:	

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
E&S Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		y	- all clear (June 25) - west bt all clear
Preservation of Natural Vegetation	All around site perimeter		N	- undisturbed
Vehicle Entrance to the site				- good
Stock Piles (Nos 1, 2, Working, Construction Fill)			y	- hydro seeded and growing
Interceptor Swale, including Rock Check Dams	Around Site Perimeter	- one rock check dam needs repair	y	- Fixed June 26/12
Minor pumping/controlled discharge Efforts			y	- discharging west pond after 2:00 pm (Clear) - discharging out of east pond for 4hrs (clear) 10:00 - 2:00
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			y	- hydro seeded stock piles growing - erosion matting and south and west working and in good condition

VERIFIED
DISCHARGE
AS CLEAR
J. Bedard



June 25/2012

Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
EASC Measure	Type of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	7-10 Am		Y	- discharging (by pump) after 2:00 pm clear water
East SWM Pond	9-10 Am		Y	- discharging between 10:00-2:00 pm (by pump)
Downstream Receiving Swale	9-10 Am	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	Date: June 27/2012	
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	1:25	Y	Pond Dry/No Pumping weather: Overcast 22°C	
West SWM Pond	1:30	Y	Pump turned on at approx 1:00, some settlement of sediment on riprap at bottom of pond	
Downstream Receiving Swale	SW1 (UB) Station:	10:40	Y	SW1: Water stagnant, mud wet along ditch bottom
	SW2 (DS) Station:	11:35	Y	SW2: Flow at station
Tooley Creek	SW3 (UB) Station:	12:25-12:50	Y	Water levels down from previous visit, grass growth significant along bank
Black Creek				Minnows observed in channel between SW3-SW4
Sign-off				
Courice Power Partners Representative/EM	Print Name: Jeff Beckard	Signature:		
Golder Field Representative/KSP	Peter Hebert	Signature:		
Golder Representative:	James Delaney	Signature:	26 July 2012	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
 Golder Project Number: 12-1151-0165_4200

Project Contacts			EASC Monitoring Field Observations/Logistics	
Company Contact	Mobile #		Date(s):	Time(s) of Day:
Contract Power Partners Site Contact	Jeff Hedberg	416-524-4453	July 6/12	5:00-5:30
Contract Power Partners Site Contact/VE Contact	Michelle Gaudin	416-524-4453		Field Staff: Jeff B
Golder EMI/Water Resources Engineer/CPESC	Steve Asper	289-344-0996		
Golder Wash Services Contact/Local H&E Coordinator	Andy Clarke	520-428-8365		
Golder EMI/Water Resources Engineer	Terry Winkler	416-422-2809		
Golder Air Quality Specialist	Neil Storch	416-422-8601		
Golder RW Field Specialist				
			Health & Safety PPE/Occupation (VNI, details):	J
			Reference Weather Conditions:	Sunny/hot
			Other Notes:	No rain all week

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

EASC Measures	Location	Discussions	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic Down gradient Reaches Around Site Perimeter	- east fence (2 spots)	Y	- 2 areas (high points) need silt fence put back as excavation was done in area (aesthetics only)
Preservation of Natural Vegetation	All around site perimeter		N	- un disturbed
Vehicle Entrances to the site			Y	- good, ready for asphalt
Stock Piles (No # 1, 2, Working, Construction Fill)			Y	- no erosion, green/brown
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	- almost dry, no running water
Minor pumping/controls on charge sites			N	- nothing all week
Additional EASC Measures - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection			N	- erosion matting dry and in good condition

TAKE PHOTOS FOR PW, FP & SS CONTINGENTS IN BOWLENDING & TAKE LAB 12 AS FROM PW? JLB



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
BASC Measures	Time of Observation (if notable significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	5-5:30pm		Y	- below fore bay
East SWM Pond	"		Y	- dry except small puddle
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:		
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 (US) Station	—	—	
Tooley Creek	SW3 (US) Station	—	—	
Black Creek	—	—	—	
Sign-off				
Courice Power Partners Representative/EM	Print Name: <u>Jeff Bedard</u>	Signature: <u>[Signature]</u>		
Golder Field Representative/CIP	<u>Steve Ducor</u>	<u>[Signature]</u>		
Courice Representative	<u>James Deunke</u>	<u>[Signature]</u> 7-12-12		



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
Courtrice Contact:	Jim Delaney	1-860-422-5350	Date(s): July 9/12 Time(s) of EMI: 11:00 - 11:40 Field Staff: Jeff Beckard
Courtrice Power Partners Site Contact:	Jeff Beckard	416-574-5525	(start-finish)
Courtrice Power Partners At Site Contact/H&S Coord:	Jenice Campbell	847-532-3779	Health & Safety PPE/Orientation (Y/N, details): Y PPE
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	209-894-0556	Antecedent Weather Conditions:
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-8356	
Golder PD/Senior Water Resources Engineer:	Terry Weisold	416-473-2600	
Golder All CEP/Field Specialist:	Nick Gorski	416-802-6601	
Golder SW Field Specialist:			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 Site Fencing	Strategic Down gradient Reaches Around Site Perimeter	- small spot, south fence came loose, folded down	Y	- repaired on walk through - all other areas good
Preservation of Natural Vegetation	All around site perimeter			- undisturbed
Vehicle Entrance to the site				- good, ready for asphalt (asphalt installed in Am)
Stock Piles (Nos 1, 2, Working, Construction Fill)			Y	- green, #3 ready for hydro seed
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	- little water in them
Minor pumping/controlled discharge Efforts				- no pumping or discharge - water low in west pond - small puddle east pond
Additional E&SC Measures - Temporary Seeding. - Permanent Seeding. - Sod Stabilization. - Mulching. - Inlet Protection.			Y	- stock piles (1+2) good - erosion matting south/east good



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
EASC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond			Y	- no discharge - low water
East SWM Pond			Y	- no discharge - small puddle
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:		
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: <u>Jeff Bedard</u>	Signature:		
Golder Field Representative/CEP:	<u>Steve Auer</u>			
Covanta Representative:	<u>James Delaney</u>			

Verified during walkdown on 16 July 2012



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	1-800-422-5350	Date(s): <u>July 26/12</u>	Time(s) of EMI: <u>9:30 - 10:00</u>
Courrice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish)	Field Staff: <u>Jeff Bedard</u>
Courrice Power Partners Alt Site Contact/H&S Coord	Jarice Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details): <u>Y</u>	
Golder PM/Water Resources Engineer/CPE/SC	Steve Auger	289-894-0556	Antecedent Weather Conditions: <u>Sunny/warm</u>	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Other Notables:	
Golder PD/Senior Water Resources Engineer	Terry Wehoid	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 Courrice 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	- good, no problems/deficiencies
Preservation of Natural Vegetation	All around site perimeter		N	- undisturbed
Vehicular Entrance to the site			N	- matted and clean
Stock Piles (Nos 1, 2, Working, Construction Fill)			N	- growing well
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		N	- no water in swales - no deficiencies seen
Minor pumping/controlled discharge Efforts			N	- no dewatering
Additional E&S Measures - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection			N	- stock piles hydro seeding is growing well



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	9:30 - 10:40		N	- no discharge - water level @ forbesy level only
East SWM Pond	"		N	- no discharge - very little water in pond
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:		
N		-		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	-	2	-	
West SWM Pond	-	2	-	
Downstream Receiving Swale				
SW1 (US) Station	-	2	-	
SW2 (DS) Station	-	2	-	
Tooley Creek				
SW3 (US) Station	-	2	-	
SW4 (DS) Station	-	2	-	
Sign-off				
Coutrice Power Partners Representative/EMI:	Print Name Jeff Bedard	Signature 		
Golder Field Representative/CEP:	Steve Ancker	Signature 		
Covanta Representative:	James Downey	Signature 	23 July 2012	



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	
Covanla Contact:	Jim Delaney	1-860-422-5350	Date(s):	July 26 July 27
Courtice Power Partners Site Contact:	Jeff Bedard	416-574-5525	Time(s) of EMI:	1:30 10am
Courtice Power Partners Alt Site Contact/H&S Coord:	Janice Campbell	647-537-3779	(start-finish)	Field Staff: Jeff Bedard / David Bell
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details):	Yes
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	416-802-6631		
Golder SW Field Specialists:			Other Notables:	

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coutrice 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	
Preservation of Natural Vegetation	All around site perimeter			- undisturbed - undisturbed JULY 27
Vehicular Entrance to the site		- muddy, will be cleaned	Y	- CLEANED LAST THING TODAY
Stock Piles (No s 1, 2, Working, Construction Fill)				
Interceptor Swale, including Rock Check Dams	Around Site Perimeter	- OK AT TIME OF INSPECTION	Y	
Minor pumping/controlled discharge Efforts				
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection			N	- stockpiles → hydro seeding growing - erosion mat

100% PPE
 Site Stockpiles
 excess fill pits
 worked @
 No Discharge
 Inactive Piles
 covered
 erosion mat @
 steel bowler
 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			Y	-PONDS HAVE WATER IN AND NO DISCHARGE
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				
Courtrice Power Partners Representative/EMI:	Print Name <u>DAVID BELL</u>	Signature <u>[Signature]</u>		
Golder Field Representative/CEP:	<u>JAMES DELANEY</u>	<u>[Signature]</u>		
Covanta Representative:		<u>[Signature]</u> 23 July 2022		

*East Pond
 Having Water -
 No discharge
 JLB*



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>July 26</u> Time(s) of EMI: <u>1:30 PM</u> Field Staff: <u>Jeff Bedard / David Bell</u>
Courtrix Power Partners Site Contact	Jeff Bedard 416-574-5525	<u>July 27</u> (start-finish)
Courtrix Power Partners Alt Site Contact/H&S Coord	Janice Campbell 647-537-3779	Health & Safety PPE/Orientation (Y/N, details): <u>yes</u>
Golder PM/Water Resources Engineer/CPESC	Steve Auger 289-894-0556	Antecedent Weather Conditions:
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke 905-409-9355	
Golder PD/Senior Water Resources Engineer	Terry Winhold 416-473-2820	
Golder Alt CEP/Field Specialist	Nick Gorski 416-802-6631	
Golder SW Field Specialists		Other Notables:

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrix 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	
Preservation of Natural Vegetation	All around site perimeter			- undisturbed - undisturbed JULY 27
Vehicular Entrance to the site		- muddy, will be cleaned	Y	- CLEANED LAST THING TODAY
StockPiles (No s 1, 2, Working, Construction Fill)				
Interceptor Swale, including Rock Check Dams	Around Site Perimeter	- OK AT TIME OF INSPECTION	Y	
Minor pumping/controlled discharge Efforts				
Additional E&S Measures: - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection			N	- stockpiles → hydro seeding growing - erosion mat

10/27/27
 SITE STOCKPILES
 ACCESS TO ALL AREAS
 WORKING
 NO DISCHARGES
 INACTIVE PILES
 SOILS
 EROSION MAT @
 SMALL BODIES
 2 place
 already



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	July 26 ~1:30pm July 27 ~10 Am.		2 2	-PONDS HAVE WATER IN AND NO DISCHARGE
East SWM Pond	"		2 2	
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):		2	Details: 1	
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	1	2	1	
West SWM Pond	1	2	1	
Downstream Receiving Swale	SW1 (US) Station:	1	1	
	SW2 (DS) Station:	1	1	
Tocley Creek	SW3 (US) Station:	1	1	
	SW4 (DS) Station:	1	1	
Sign-off				
Courtrace Power Partners Representative/EMI	Print Name	Signature		
Golder Field Representative/CEP	DAVID BELL STEVE ALONZA JAMES DELANEY	[Signature]		
Covanta Representative		[Signature]		23 July 2012

East ponds
having water -
no discharge
JLB



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):	AUG 1 ST 12	Time(s) of EMI: 9am
Courtyce Power Partners Site Contact:	Jeff Bodard	416-574-5525	(start-finish)		Field Staff: DAVID BELL
Courtyce Power Partners All Site Contact/H&S Coord:	Janice Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details): YES (AT TIME OF INSPECTION)		
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Antecedent Weather Conditions: RAIN ON 31 JUL @ 1450 hrs		
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	- 2100 hrs w/ approx		
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	Accumulator 239 mms		
Golder Alt CEP/Field Specialist:	Nick Gorski	416-802-6601	Other Notables: @ Parsons Impact		
Golder SW Field Specialist:					
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	REMOVED SILT TRAP TO INSTALL NEW FENCE PANEL WEST SIDE SILT TRAP REINSTATED THE SAME DAY 30/7/12	
Preservation of Natural Vegetation	All around site perimeter		Y	UNDISTURBED	
Vehicle Entrance to the site		MUDDY	Y	BEEN CLEANED AT TIME OF INSPECTION	
StockPiles (No.s 1, 2, Working, Construction Fill)			Y		
Interceptor Swales, Including Rock Check Dams	Around Site Perimeter	ALL OK AT TIME OF INSPECTION	Y	SWALES, DAMS WILL NEED CLEANED OUT AFTER TWO OR THREE MORE HEAVY RAIN FALL	
Minor pumping/controlled discharge Efforts			YES	CONTROLLED MOUND PUMPING FOR 3hrs ON 30/7/12 IN TO SOUTH POUNDS	
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection			Y	STOCKPILES EROSION MAT (SEEDING GROWING)	



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			Y	WATER IN PONDS AND NO DISCHARGE
East SWM Pond			Y	WATER IN PONDS AND NO DISCHARGE
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	1	2		
West SWM Pond	1	2		
Downstream Receiving Swale	SW1 (US) Station:	1	2	
	SW2 (DS) Station:	1	2	
Tooley Creek	SW3 (US) Station:	1	2	
	SW4 (DS) Station:	1	2	
Sign-off				
Courtrace Power Partners Representative/EMI	Print Name	Signature		
	DAVID BEN			
Golder Field Representative/CEP:	STEVE FROOD			
Covanta Representative:	JAMES DEWNEY			



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	
Obvrenta Contact:	Jim Delaney	1-860-422-5350	Date(s): 7/4/12	Time(s) of EMI: 9 AM
Courice Power Partners Site Contact:	Jeff Bedard	416-574-5525		Field Staff: DAVID PEU
Courice Power Partners Alt Site Contact/H&S Coord:	Janice Campbell	547-537-3779		
Golder PM/Water Resources Engineer/CPEEC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): YES AT TIME OF INSPECTIONS	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions: RAIN OVER THE WEEKEND	
Golder PD/Sensor Water Resources Engineer:	Terry Winhold	416-473-2800	Other Notables:	
Golder Alt CEP/Field Specialist:	Nick Gorski	416-802-6001		
Golder SW Field Specialist:				

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

E&S Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	
Preservation of Natural Vegetation	All around site perimeter		Y	UNDISTURBED AT TIME OF INSPECTION
Vehicular Entrance to the site		SITE TRAFFIC TRACKING SOME SITE MATERIAL TO MAIN GATE	Y	THIS IS AND WILL BE CLEANED AS AND WHEN NEEDED
StockPiles (No.s 1, 2, Working, Construction Fill)			Y	GREEN
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	SWALES ARE BEING CLEANED AT TIME OF INSPECTION
Minor pumping/controlled discharge Efforts			Y	NO DISCHARGE OR PUMPING WATER IS LOW IN EAST POND
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection			Y	STACK PILES: GOOD + HYDRO SEEDING GROWING

VERIFIED CLEANING on 7 August
Jesse

VERIFIED
Jesse



7 August 2012

Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
ESSC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	9:15 AM		Y	NO DISCHARGE LOW WATER
East SWM Pond	9:19 AM		Y	NO DISCHARGE LOW WATER
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:		
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: DAVID BROWN	Signature: [Signature]		
Golder Field Representative/CEP:	JOHN ANGELO	Signature: [Signature]		
Covanta Representative:	JAMES DELANEY	Signature: [Signature] 9 August 2012		



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

Golder Project/Title: 12-1151-0155-4000

Project Contacts	Mobile #s	EASC Monitoring Field Observations/Logistics
Courtrix Contact: Jim Delaney	1-860-422-5350	Date(s): <u>AUG 10th 12</u> Time(s) of EMI: <u>8:30 AM - 10:30 AM</u> Field Staff: <u>DAVID BELL</u>
Courtrix Power Partners Site Contact: Jeff BeCard	418-574-5523	(start-finish)
Courtrix Power Partners All Site Contact/HAS Coord: Jenice Campbell	547-637-3779	Health & Safety PPE/Orientation (Y/N, details): <u>YES (AT TIME OF INSPECTION)</u>
Golder PM/Water Resources Engineer/CPEEC: Steve Auger	288-894-0656	Antecedent Weather Conditions: <u>RAIN ON 9th AUG - 9:10th AM</u>
Golder Waste Services Contact/Local HAS Coordinator: Amy Burke	905-409-0356	Other Notables:
Golder PD/Senior Water Resources Engineer: Terry Winhold	416-473-2800	
Golder AT CEP/Field Specialist: Nick Gonid	416-802-6001	
Golder SW Field Specialists:		

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

EASC Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	SILT FENCING AROUND SITE AND ON MANHOLE COVERS WORKING WELL AND IN GOOD REPAIR AT TIME OF INSPECTION
Preservation of Natural Vegetation	All around site perimeter		Y	UNDISTURBED AT TIME OF INSPECTION
Vehicular Entrance to the site			Y	CLEAN WILL LOOK LATER AND CLEAN AS WORK NEEDED
StockPiles (No.s 1, 2, Working, Construction Fill)			Y	
Interceptor Swales, Including Rock Check Dams	Around Site Perimeter	SWALES HAVE BEEN CLEANED OF SILT ON 7 th AUG	Y	SWALES WORKING WELL AFTER BEEN CLEANED
Minor pumping/controlled discharge Efforts			Y	NO PUMPING OR DISCHARGE AT TIME OF INSPECTION.
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection			Y	STOCKPILES } SEEDING GROWING EROSION MATS }

10 Aug 2012

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 Courice Power Partners

EESC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	8:25 AM		✓	WATER IN POND AND NO DISCHARGE
East SWM Pond	"		✓	WATER IN POND AND NO DISCHARGE
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): 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: -	-	-
Todley Creek	SW3 (US) Station: - SW4 (DS) Station: -	-	-

Sign-off

Courice Power Partners Representative/EMI	Print Name: <u>D. BELL</u> Signature: <u>[Signature]</u>	Signature: <u>[Signature]</u> 11:30 AM
Golder Field Representative/CEP:	<u>STEVE AUGER</u>	<u>[Signature]</u>
Covanta Representative:	<u>JAMES DELANEY</u>	<u>[Signature]</u> 10 August 2012

ALL CONTROL ON SITE -
ALL CONTROLS IN PLACE
& WORKING WELL
THE 8/9 RAIN



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1181-0155_4000			
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics
Coversite Contact:	Jim Dufaney	1-866-422-5350	Date(s): 13 th AUG Time(s) of EMI: 8AM - 4PM Field Staff: DAVID REUL
Courtrice Power Partners Site Contact:	Jeff Bedford	416-674-5525	(start-finish)
Courtrice Power Partners Air Site Contact/H&S Coord:	Jarica Campbell	847-637-3779	Health & Safety PPE/Orientation (Y/N, details): YES
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	226-894-6666	Antecedent Weather Conditions: OVERCAST / DRY
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-6355	Other Notables: RAIN ACCUMULATIONS FOR THIS SUNDAY 7-23-11
Golder PDI/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	
Golder Air CEP/Field Specialist:	Nick Donald	416-802-6601	
Golder SW Field Specialists:			

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

EASC Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Site Fencing	Strategic, Down gradient Reaches Around Site Perimeter		✓	FENCING IN GOOD ORDER INCLUDING WEST LOT STOCK PILE
Preservation of Natural Vegetation	All around site perimeter		✓	UNDISTURBED
Vehicular Entrances to the site			✓	GOOD AND CLEAN AT INSPECTION
Stock Piles (No.s 1, 2, Working, Construction Fill)			✓	VEGETATION GROWING
Interceptor Swales, including Rock Check Dams	Around Site Perimeter	ROCK DAMS DAMAGED FROM HEAVY RAIN 11 th AUG	✓	BEEEN WORKED ON AT TIME OF INSPECTION
Minor pumping/controlled discharge Efforts		DAMAGED PIPE FROM WEEKEND RAIN STORM SOME DISCHARGE FROM THIS (PHOTO ATTACHED)	✓	NO DISCHARGE AT TIME OF INSPECTION * BEEN REPAIRED AT TIME OF INSPECTION
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			✓	HYDRU GROWING EROSION MATTING GOOD

NEW ROCK CHECK DAMS INSTALLED BY AUGUST
verified

* PONDING WATER @ SW CORNER OF SITE BEING PUMPED TO SW SHED @ 1100HRS RISING POND ADJACENT TO DISCHARGE POINT.
POND DISCHARGE CLEAR, TROUGH SIGNS OF SOME SEDIMENT IN CHANNEL BUT NOT BEYOND. TO BE INSPECTED FURTHER



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
EESC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond		WATER LEVEL IS HIGH NO DISCHARGE AT TIME OF INSPECTION PIPE DAMAGED IN SITE	Y	PIPE BEEN WORKED ON AT TIME OF INSPECTION
East SWM Pond			Y	NO DISCHARGE FROM POND
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): <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:	—	—	
Toolley Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station:	—	—	
Sign-off				
Courice Power Partners Representative/EMI	Print Name <u>DAVID BLEN</u>	Signature <u>[Signature]</u>		
Golder Field Representative/CEP:	<u>SEVE AUGER</u>	<u>[Signature]</u>		
Covanta Representative:	<u>JAMES DELANEY</u>	<u>[Signature]</u> 14 August 2002		



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	
Courice Contact:	Jim Delaney	1-800-422-5350	Date(s): <u>AUG 15th 12</u>	Time(s) of EMI: <u>8AM - 9:30AM</u> Field Staff: <u>DAVID BELL</u>
Courice Power Partners Site Contact	Jeff Bedard	418-574-5525	(start-finish)	
Courice Power Partners All Site Contact/H&S Coord	Janice Campbell	547-537-3779	Health & Safety PPE/Orientation (Y/N, details): <u>YES</u>	
Golder PM/Water Resources Engineer/CPEEC:	Steve Auger	288-884-0556	Antecedent Weather Conditions: <u>RAIN ON 14th</u>	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	805-408-8356	Other Notables:	
Golder PD/Senior Water Resources Engineer:	Terry Winhold	418-473-2800		
Golder All CEP/Field Specialist	Nick Oswald	418-802-8801		
Golder SW Field Specialist				
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
E&SC Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	WEST FENCE LINE SILT FENCING IN NEED OF MINOR REPAIR.	✓ 1	REPAIR WORK CARRIED OUT AT 1PM 15 th AUG 2012
Preservation of Natural Vegetation	All around site perimeter		✓	UNDISTURBED
Vehicular Entrances to the site			✓ 1	BEEN CLEANED AS NEEDED
Stock/Piles (Nos 1, 2, Working, Construction Fill)			✓ 1	GOOD & HARDY GROWING
Interceptor Basins, Including Rock Check Dams	Around Site Perimeter		✓ 1	NEW & CLEAN DAMS WORKING WELL
Minor pumping/controlled discharge Efforts			✓ 1	CONTROLLED PUMPING AT TIME OF INSPECTION
Additional E&SC Measures: - Temporary Seeding: - Permanent Seeding: - Sod Stabilization: - Mulching: - Inlet Protection:			✓ 1	EROSION MAT CLEAN AND SEEDING GROWING



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
EMSC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond		LOSE SILT TRAP TO WEST & SOUTH FENCE	Y	LOSE SILT TRAP TO FENCES REPAIRS HAVE BEEN CARRIED OUT (1PM 15 AUG 12)
East SWM Pond			Y	WATER IN POND IS BEEN DISCHARGED
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:		
		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/EAM	Print Name D BEN	Signature <i>[Signature]</i>		
Golder Field Representative/CEP:	Print Name STEVE AUCHE	Signature <i>[Signature]</i>		
Covanta Representative:	Print Name JAMES DELANEY	Signature <i>[Signature]</i> 19 Aug 2012		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Project/Task#: 12-1151-0155 4000				
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics	
Coverdale Contact:	Jim Delaney	1-800-422-5350	Date(s): 17 th AUG 12	Time(s) of EMI: 10AM - 11AM
Courice Power Partners Site Contact:	Jeff Bedard	416-874-8825		Field Staff: D. PAUL
Courice Power Partners All Site Contact/H&S Coord:	Jarice Campbell	647-837-3779		(start-finish)
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-694-0856	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9335	Antecedent Weather Conditions:	
Golder PD/Senior Water Resources Engineer:	Terry Wisbold	416-473-2800	SUNNY DRY	
Golder Air CEP/Field Specialist:	Nick Gorski	416-802-8801	Other Notables:	
Golder SW Field Specialist:				
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
E&SC Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Sign Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	
Preservation of Natural Vegetation	All around site perimeter		Y	UNDISTURBED
Vehicle Entrance to the site		CLEAN THROUGHOUT THE DAY!	Y	ONGOING AS AND WHEN NEEDED
Stock Piles (Nos 1, 2, Working, Construction Fill)			Y	ALL GOOD
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	ALL GOOD
Minor pumping/controlled discharge Efforts			Y	
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courville Power Partners				
EASC Measure	Time of Observation (if notable/ significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond			Y	POUND DISCHARGING FOR 1 HR TODAY
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:		
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:	— —	— —	
Tocley Creek	SW3 (US) Station: SW4 (DS) Station:	— —	— —	
Sign-off				
	Print Name	Signature		
Courville Power Partners Representative/EMI	DREW			
Golder Field Representative/CEP:	STEVE HOOKER			
Coventia Representative:	JAMES DELANEY	 E. 21. 2012		

* WALKED SAE IN ITS ENTIRETY ON
18 AUGUST AND FOUND ALL ESC'S
IN PLACE & FUNCTIONAL



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	
Coversalls Contact:	Jim Delaney	1-800-422-5350	Date(s): 24.8.12	Time(s) of EMI: 7:00 AM - 8:30 AM
Courtrix Power Partners Site Contact:	Jeff Bejard	416-674-5525	(start-finish)	Field Staff: D. BELL
Courtrix Power Partners All Site Contact/HAS Coord:	Jarvis Campbell	647-537-5779	Health & Safety PPE/Orientation (Y/N, details):	
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-894-0555	Antecedent Weather Conditions:	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	105-429-0355	DRY AND SUNNY /	
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	OVERCAST	
Golder Air CEP/Field Specialist:	Nick Gorski	416-802-6601	Other Notables:	
Golder SW Field Specialist:				

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrix 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	KEEP AN EYE ON THIS AT SOUTH SIDE OF SITE, MAY NEED REPAIRS FOLLOWING NEXT HEAVY RAIN FALL
Preservation of Natural Vegetation	All around site perimeter		Y	UNDISTURBED
Vehicular Entrances to the site			Y	CLEAN AS AND WHEN NEEDED TO BE
Stockpiles (No. 1, 2, Working, Construction Fill)			Y	GOOD
Interceptor Sills, including Rock Check Dams	Around Site Perimeter		Y	GOOD AT TIME OF INSPECTION
Minor pumping/controlled discharge Efforts			Y	NONE AT TIME OF INSPECTION
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilizers; - Mulching; - Inlet Protection.			Y	

* CHECKED CATCH BASIN PROTECTION @ ENTRANCE ON OSBORNE ROAD & FOUND OK

J. Bell



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice 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			✓ ✓	NEW SILT TRAPS TO MANHOLE
East SWM Pond			✓ ✓	WATER IN POND AND NO DISCHARGE
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:	✓	✓	
Toolry Creek	SW3 (US) Station:	✓	✓	
	SW4 (DS) Station:	✓	✓	
Sign-off				
Courtrice Power Partners Representative/EMI	Print Name <u>P. [Signature]</u>	Signature <u>[Signature]</u>		
Golder Field Representative/CFP	<u>James Delaney</u>	<u>[Signature]</u>		
Covenant Representative:			8-27-2012	

* INSPECTED TEMPORARY CONTROLS @ WEST OF SITE + FOUND OK AND IN NEED OF MINOR MAINTENANCE TO MAINTAIN INTEGRITY ALONG SOFTY PERIMETER - TEST PROVIDED



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	1-800-422-5350	Date(s): <u>AUG 28TH 12</u>	Time(s) of EMI: <u>7am - 5pm</u>
Courtrix Power Partners Site Contact	Jeff Bodard	416-574-5525	(start-finish)	Field Staff: <u>DAVID REU</u>
Courtrix Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details):	
Golder PMW/ Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Antecedent Weather Conditions:	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	<u>5 AM RAIN ON 27 Aug 2012</u>	
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 Courtrix 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	Looks good, no problems at main site. Stock pile area still needs repairs @ WESTERN BOUNDARY of SITE OUTSIDE FENCING
Preservation of Natural Vegetation	All around site perimeter		Y	UV disturbed at time of inspection
Vehicular Entrance to the site			Y	Good at time of inspection
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	Growing well
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	working well
Minor pumping/controlled discharge Efforts			Y	None at time of inspection
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	Seeding growing Erosion mats in good order



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	No discharge
East SWM Pond			Y	no discharge
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:			
Toohey Creek	SW3 (US) Station:			
	SW4 (DS) Station:			
Sign-off				
Courtrice Power Partners Representative/EMI:	Print Name: DAVID BELL	Signature:		
Golder Field Representative/CEP:	JAMES DELANEY			
Covanta Representative:		28 Aug 2012		

* RAIN ON 8/27: WALKED SITE +
ALL ESC CONTROLS FUNCTIONING -
NO DISCHARGE FROM SITE
Delaney



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	1-860-422-5350	Date(s): <u>Sept. 4/12</u> Time(s) of EMI: <u>9:00 Am</u> Field Staff: <u>Jeff Beckard</u>
Courice Power Partners Site Contact	Jeff Beckard	418-574-5525	(start-finish) <u>1:30 Pm</u>
Courice Power Partners All Site Contact/H&S Coord	Janice Campbell	647-537-3779	<u>3:00 Pm</u>
Golder PM/Water Resources Engineer/CPEEC	Steve Auger	289-504-0558	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	416-473-2500	<u>Rain to Heavy Rain</u>
Golder All CEP/Field Specialist	Nick Gorski	416-502-6601	Other Notables:
Golder SW Field Specialists			

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 Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		N	- good 9:00am - good 1:30pm / 3:00pm
Preservation of Natural Vegetation	All around site perimeter			- undisturbed
Vehicle Entrances to the site				- good
Stock Piles (No. 1, 2, Working, Construction Fill)				- growing well
Interceptor Details, Including Rock Check Dams	Around Site Perimeter			- good
Minor pumping/controlled discharge Efforts				- No discharge
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	- good growth - working properly



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtice Power Partners				
EASC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond				- Filling slowly but lots of space 9:00am, 1:30, 3:30
East SWM Pond				- Filling slowly but lots of space 9:00am, 1:30, 3:30
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:			
Tockley Creek	SW3 (US) Station: SW4 (DS) Station:			
Sign-off				
Courtice Power Partners Representative/LMI	Print Name Jeff Beaudet	Signature 		
Golder Field Representative/CFP:	Steve Avon			
Covanta Representative:	James Blaney			

* WALKED SITE PERIMETER DURING RAIN AT APPROX: 10:00am; ALL
CONCRETE IN PLACE FOLLOWING - NO DISCHARGE OBSERVED, BOTH
PONDS NOT AT CAPACITY



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	
Courice Contact: Jim Dalaney	1-800-422-5350	Date(s): Sept 5	Time(s) of EMI: 7:30 AM
Courice Power Partners Site Contact: Jeff Bodard	416-574-5525	Sept 6	Field Staff: Jeff Bodard
Courice Power Partners All Site Contact/H&S Coord: Janice Campbell	647-537-3779		8:15 AM
Golder PM/Water Resources Engineer/CPEEC: Steve Auger	289-894-0658	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator: Amy Burke	905-409-0355	Antecedent Weather Conditions:	
Golder PD/Senior Water Resources Engineer: Terry Winhold	416-473-2800	Yes	
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&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	- Silt fence needs repairs south west corner		- Silt fence damaged due to mass amount of water against fence
Preservation of Natural Vegetation	All around site perimeter			- undisturbed
Vehicular Entrance to the site				- clean
StockPiles (No. 1, 2, Working, Construction Fill)				- growing well
Interceptor Swales, including Rock Check Dams	Around Site Perimeter			- working well
Minor pumping/controlled discharge Efforts				- natural overflow, clean water discharging Sept. 5/12 - pumping out wetland, east pond
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.		- when pond levels are lowered, silt will need to be removed around inlet.		- Inlets to ponds have silt around, but out fall is good and water is clear.

still discharging Sept. 6/12



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		-inlets to ponds have silt around inlet.		- pond discharging naturally Sept. 5/12 - pumping discharge Sept. 6/12
East SWM Pond		- inlet to pond has silt around inlet.		- pond discharging naturally Sept. 5/12 Sept. 6/12
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:			
Toolley Creek	SW3 (US) Station: SW4 (DS) Station:			
Sign-off				
Courtrice Power Partners Representative/EMI	Print Name: <u>STEVE ANCOLE</u>	Signature: <u>[Signature]</u>	Signature: <u>Jeff Bedard</u>	
Golder Field Representative/CEP:	<u>JAMES DELANEY</u>	<u>[Signature]</u>	<u>[Signature]</u>	
Covanta Representative:				

} clean discharge

* GOLDER ASSOC. (S. ANCOLE) ONE-STOP FOR ESC INSPECTIONS



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): Sept 5	Time(s) of EMI: 7:30 AM	Field Staff: Jeff Bedard
Courtrix Power Partners Site Contact: Jeff Bedard	416-574-5525	Sept 6	(start-finish): 8:15 AM	
Courtrix Power Partners All Site Contact/H&S Coord: Jarice Campbell	547-537-3770	Health & Safety PPE/Orientation (Y/N, details):		
Golder PM/Water Resources Engineer/CPESC: Steve Auger	289-894-0555	Antecedent Weather Conditions: Yes		
Golder Waste Services Contact/Local H&S Coordinator: Amy Burke	905-409-0356	Other Notables:		
Golder PD/Senior Water Resources Engineer: Terry Winhold	416-473-2800			
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 Courtrix Power Partners				
E&SC Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	- Silt fence needs repairs south west corner	Y	- Silt fence damaged due to mass amount of water against fence
Preservation of Natural Vegetation	All around site perimeter		Y	- undisturbed
Vehicular Entrance to the site			Y	- clean
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	- growing well
Interceptor Dams, including Rock Check Dams	Around Site Perimeter	#2nd Effect Dam upstream of West Spring Pond being bypassed.	Y	- working well
Minor pumping/controlled discharge Efforts			Y	- natural over flow, clean water discharging Sept. 5/12 - pumping out west pond, east pond
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.		- when pond levels are lowered, silt will need to be removed around inlet.	Y	- Inlets to ponds have silt around, but out fall is good and water is clear.

still discharging Sept. 6/12



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 notatbl/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond		-inlets to ponds have silt around inlet.	y	- pond discharging naturally Sept. 5/12 - pumping discharge Sept. 6/12
East SWM Pond		- inlet to pond has silt around inlet.	y	- pond discharging naturally Sept. 5/12 Sept. 6/12
Downstream Receiving Swale			y	N/A GOLDER OBSERVATIONS: ATUES 10 TO 12 SWALE SAMPLING LOCATION SW2, AT 10:10 AM SIMILAR (NOT AS TURBID AS US SW-1)

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

Surface Water Sampling Performed (Y/N): y Details: After Courtrice's Nocturnal; Improvement Sept 3 24.4 mm. Rainfall Sept 4 436 mm 2 Sunny Day. SITE VISIT

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	12:30 in 6:00 out	y	Grey turbid Grey transparent turbid.
West SWM Pond	10:25 in 1:04 out	y	Grey turbid. Grey turbid transparent
Downstream Receiving Swale SW1 (US) Station:	11:05	y	Slightly brown colour, slight organic odour
SW2 (DS) Station:	11:25	y	Slightly brown colour, no odour.
Toohey Creek SW3 (US) Station:	12:02	y	Clear brown
SW4 (DS) Station:	11:45	y	light brown.

Sign-off

Courtrice Power Partners Representative/EMI: [Signature]
Golder Field Representative/CEP: STEVE AUCCAL
Covanta Representative: JAMES DELANEY
Signature: Jeff Bevard
[Signature]
12 SEP 2012

* GOLDER ASSOC. (S. AUCCAL) ONE-SITE FOR ESC INSPECTIONS





Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4000			
Project Contacts	Mobile #s	ESC Monitoring Field Observations/Logistics	
Covanta Contact: Jim Dolaney	1-800-422-5350	Date(s): <u>Sept. 10/12</u>	Time(s) of EMI: <u>8:15</u> Field Staff: <u>Jeff Beckard</u>
Courtrix Power Partners Site Contact: Jeff Beckard	418-574-5525	(start-finish): <u>Sept. 11/12</u>	<u>7:20</u>
Courtrix Power Partners All Site Contact/H&S Coord: Jarica Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details):	
Golder PM/Water Resources Engineer/CPESC: Steve Auger	239-894-0558	Antecedent Weather Conditions:	<u>js</u>
Golder Waste Services Contact/Local H&S Coordinator: Amy Burke	905-409-8355	Other Notables:	
Golder PDI/Senior Water Resources Engineer: Terry Winhold	416-473-2800		
Golder Air CEP/Field Specialist: Nick Gorski	416-602-6601		
Golder SW Field Specialists:			

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

EASC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	- small piece of silt fence needs retieing.	Y	- good, minor repair near south west corner
Preservation of Natural Vegetation	All around site perimeter			- undisturbed
Vehicular Entrance to the site				- clean
StockPiles (Nos. 1, 2, Working, Construction Fill)				- growing/good
Interceptor Basins, including Rock Check Dams	Around Site Perimeter			- good / flowing / working
Minor pumping/controlled discharge Efforts				- around site into swales and storm systems - ponds
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.				- good - pond inlets have silt near/around inlet.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice 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	- pond being pumped out Sept. 10 and Sept. 11
East SWM Pond			Y	- pond being pumped out. Sept. 10, 11, 12
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:			
Toolry Creek	SW3 (US) Station: SW4 (DS) Station:			
Sign-off				
Courtrice Power Partners Representative/EMI	Print Name <u>Jeff Babro</u>	Signature 		
Golder Field Representative/CEF:	<u>JAMES DELANEY</u>			
Covanta Representative:		<u>12 SEP 2012</u>		

* GOLDER ASSOC ON SITE FOR STREAM WATER SAMPLING



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
Courice Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>Sept. 10/12</u> Time(s) of EMI: <u>8:15</u> Field Staff: <u>Jeff Beckard</u>
Courice Power Partners Site Contact	Jeff Beckard	416-574-5525	(start-finish)
Courice Power Partners All Site Contact/H&S Coord	Jarica Campbell	647-537-3779	<u>Sept. 11/12</u> <u>7:20</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	905-409-0356	Antecedent Weather Conditions:
Golder PD/Senior Water Resources Engineer:	Terry Wirhold	416-473-2800	<u>Yes</u>
Golder Air CEP/Field Specialist	Nick Gorski	416-602-6601	Other Notables:
Golder SW Field Specialist			

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	- small piece of silt fence needs re-tieing.	Y	- good, minor repair near south west corner
Preservation of Natural Vegetation	All around site perimeter			- undisturbed
Vehicular Entrance to the site				- clean
StockPiles (No. 1, 2, Working, Construction Fill)				- growing/good
Interceptor Basins, Including Rock Check Dams	Around Site Perimeter			- good / flowing / working
Minor pumping/controlled discharge Efforts				- around site into scales and storm system - ponds
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.				- good - pond inlets have silt near/around inlet.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrice Power Partners				
EESC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond			Y	- pond being pumped out Sept. 10 and Sept. 11
East SWM Pond			Y	- pond being pumped out. Sept. 10, 11, 12
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 Features	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:			
Tookey Creek	SW3 (US) Station: SW4 (DS) Station:			
Sign-off				
Courtrice Power Partners Representative/EMI	Print Name Jeff Baber	Signature		
Golder Field Representative/CEP:	STEVE AUGER	Signature		
Coventa Representative:	JAMES DELANEY	Signature	12 SEP 2012	

* GOLDER ASSOC ON SITE FOR STREAM WATER SAMPLING

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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
Govanita Contact	Jim Dolaney	1-860-422-5350	Date(s): <u>SEP 19/12</u> Time(s) of EMI: <u>5:15</u> Field Staff: <u>A. CIPOLLA -</u>
Courice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish) <u>7:30</u>
Courice Power Partners A/E Site Contact/H&S Coord	Jarvis 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: <u>RAIN ON 18 SEPT</u>
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	<u>- APPROX 9 AM FOR ENVIRONMENT CANADA</u>
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	Other Notables:
Golder A/E CEM/Field Specialist	Nick Gorski	416-602-6601	
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	FENCE IN GOOD CONDITION
Preservation of Natural Vegetation	All around site perimeter		Y	UN-DISTURBED - GOOD GROWTH.
Vehicular Entrance to the site			Y	CLEAN, WELL MAINTAINED
Stock Piles (No s 1, 2, Working, Construction Fill)			Y	
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	IN GOOD ORDER/INTACT
Minor pumping/controlled discharge Efforts			Y	WATER PUMPED INTO PONDS/SWALES.
Additional E&SC Measures - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Net Protection			Y	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
EASC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond			Y	POND BEING MAINTAINED PUMPED AS NEEDED. CLEAN DISCHARGE
East SWM Pond			Y	PUMPING SEPT 19, CLEAN DISCHARGE.
Downstream Receiving Swale			Y	WATER LEAVING IS CLEAN.
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			
Toolary Creek	SW3 (US) Station			
	SW4 (DS) Station			
Sign-off				
Courice Power Partners Representative/EMI:	Print Name: ANTHONY CIRIOLO	Signature:		
Golder Field Representative/CEP:	STEVE ADER			
Covanta Representative:	JAMEY DELANEY		20 SEP 2012	

WALKED SITE PERIMETER ON 20 SEP 2012 -
 • ALL CONTROLS IN PLACE + FUNCTIONAL
 • NO UNCONTROLLED DISCHARGE FROM SITE
 • NO BARRIERS OR FENCE SEEN



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Golder Project/Trade: 12-1151-0155_4000				
Project Contacts		Mobile #s	EASC Monitoring Field Observations/Logistics	
Courtois Contact:	Jim Delaney	1-850-422-6350	Date(s):	7:00 AM
Courtois Power Partners Site Contact:	Jeff Redard	418-574-5625	Time(s) of EMI:	7:00 PM
Courtois Power Partners All Site Contact/H&S Coord:	Janice Campbell	547-537-3779	Start/Finish:	
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	280-591-0556	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-400-0355	Antecedent Weather Conditions:	
Golder PD/Senior Water Resources Engineer:	Terry Winhold	418-473-2800		
Golder AH CEP/Field Specialist:	Nick Gorski	418-802-6601		
Golder SW Field Specialists:			Other Notables:	
Field Staff: <u>ANTHONY CIPOLLA</u>				
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtois Power Partners				
EASC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	NONE TO NOTE.	Y	
Preservation of Natural Vegetation	All around site perimeter	NONE TO NOTE	Y	VEGETATION IS HEALTHY PROTECTED SPECIES STILL PROTECTED.
Vehicle/Air Entrance to the site		NONE TO NOTE	Y	DAILY STREET SWEEPING IN EFFECT.
Stock Piles (Nos 1, 2, Working, Construction Fill)			Y	
Interceptor Swales, including Rock Check Dams	Around Site Perimeter	NONE TO NOTE.	Y	ROCK & CHECK DAMS IN GOOD ORDER & IN WORKING CONDITION.
Minor pumping/controlled discharge Efforts		NONE TO NOTE.	Y	SOME PUMPING FROM WEST POND CONTROLLED DISCHARGE BEING PRACTICED
Additional EASC Measures: - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mushing - Inlet Protection		NONE TO NOTE.	Y	-SOD STABILIZATION @ SOUTH END OF SITE BEYOND FENCE IS INTACT & IN WORKING ORDER.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtnice Power Partners				
EASC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond		NONE TO NOTE.	Y	CONTROLLED DISCHARGE FROM SITE. WATER PUMPED ON THE 28 th .
East SWM Pond		DISCHARGE LINE WAS LOWERED TO PROPER ELEVATION ON THE 28 th .	Y	CONTROLLED DISCHARGE, WATER PUMPED ON 24, 25, 26, 27, 28. WATER BEING DISCHARGED IS CLEAN
Downstream Receiving Swale		NONE TO NOTE	Y	WATER LEAVING SITE THROUGH DISCHARGE LINE IS CLEAN
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Y	Details: Sept. 28, 2012	
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	10:02 - IN 11:45 - OUT	Y	Pond being pumped. Sunny 15-20°C, Outlet stable	
West SWM Pond	N/A	N	Not discharging	
Downstream Receiving Swale	SW1 (US) Station:	10:21	Y	Sampled close to culvert. Water stagnant. Build-up of film on branch in channel U/S of station
	SW2 (DS) Station:	10:40	Y	
Tadley Creek	SW3 (US) Station:	11:11	Y	Heavy weed growth. Area shaded. Good flow D/S Very little to no flow. Sample from deeper pool.
	SW4 (DS) Station:	10:59	Y	
Sign-off				
Courtnice Power Partners Representative/EMI	Print Name	ANTHONY CIPOLLA		
Golder Field Representative/CEP:		STEVE HUGHES		
Contract Representative:		JAMES DELANEY		



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	1-800-422-5350	Date(s):	OCT 1/17 OCT 5/17 (start-finish)
Courtrie Power Partners Site Contact:	Jeff Bedard	416-574-5525	Time(s) of EMI:	
Courtrie Power Partners All Site Contact/H&S Coord:	Jarvis Campbell	847-537-3779	Field Staff:	A. CIPOLLA
Golder PM/Water Resources Engineer/CPEEC:	Steve Auger	289-894-0558	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	416-473-2600		
Golder All CEP/Field Specialist:	Nick Goraki	416-802-6601		
Golder SW Field Specialist:			Other Notables:	
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrie Power Partners				
E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	NONE TO NOTE.	Y	TORN SILT FENCE @ SW CORNER OF PERIMETER FENCE - OCT 2/17 - AREA OF FENCE WAS REPAIRED @ TIME OF OBSERVATION
Preservation of Natural Vegetation	All around site perimeter	NONE TO NOTE	Y	ALL NATURAL VEGETATION PRESERVATION MEASURES ARE INTACT.
Vehicular Entrance to the site		NONE TO NOTE	Y	DAILY STREET SWEEPING MAINTAINED.
Stock Piles (No.s 1, 2, Working, Construction F. II)				
Interceptor Swales, including Rock Check Dams	Around Site Perimeter	NONE TO NOTE	Y	ROCK DAMS ARE INTACT & FUNCTIONAL
Minor pumping/controlled discharge Efforts		NONE TO NOTE	Y	NO PUMPING TOOK PLACE LAST WEEK.
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.		NONE TO NOTE	Y	ALL AREAS EITHER TEMPORARILY OR PERMANENTLY PROTECTED ARE IN GOOD CONDITION.



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&BC Measures	Time of Observation (If notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (Incl. during visit weather conditions)
West SWM Pond		NONE TO NOTE	Y	- NO PUMPING FOR THE WK
East SWM Pond		" "	Y	- NO PUMPING
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):		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	-	-	
Toolay Creek	SW3 (US) Station	-	-	
	SW4 (DS) Station	-	-	
Sign-off				
Courtrice Power Partners Representative/EMI:	Print Name: <u>A. Goula</u> Signature: <u>[Signature]</u>		Signature: <u>[Signature]</u>	
Golder Field Representative/CEP:	Signature: <u>[Signature]</u> Print Name: <u>JAMES DELANEY</u>		Signature: <u>[Signature]</u>	
Covanta Representative:				



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report			
Golder Project/Task#: 12-1151-0155_4900			
Project Contacts	Mobile #	E&SC Monitoring Field Observations/Logistics	
Courtnice Contact:	Jim Delaney	1-880-422-5350	Date(s): <u>Oct 10 (12)</u> Time(s) of EMI: _____ Field Staff: <u>ANTHONY CIPOLLA</u>
Courtnice Power Partners Site Contact:	Jeff Bedard	416-574-5525	8:00AM (start-finish)
Courtnice Power Partners Alt Site Contact/H&S Coord:	Jarica Campbell	647-537-3779	
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>RAIN/OVERCAST 5°C</u>
Golder PDI/Sanitor 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 Courtnice Power Partners

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	NONE TO NOTE	Y	- PERIMETER FENCE IN GOOD CONDITION, CATCHING ANY SILT FROM ESCAPING
Preservation of Natural Vegetation	All around site perimeter	NONE TO NOTE	Y	- ALL VEGETATION SURROUNDING SITE IS HEALTHY AND PRESERVED.
Vehicular Entrance to the site		NONE TO NOTE	Y	DAILY STREET SWEEPING BEING COMPLETED DURING
StockPiles (No.s 1, 2, Working, Construction Fill)				
Interceptor Swales, including Rock Check Dams	Around Site Perimeter	NONE TO NOTE	Y	CHECK DAMS IN GOOD CONDITION AND IN PLACE. DAMS ARE CLEAR OF S.I.T.
Minor pumping/controlled discharge Efforts		NONE TO NOTE		CONTROLLED PUMPING BEING DONE. ALL PUMPING THROUGH THROUGH SITE IS CONTROLLED AND WATER CLEAR.
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.		NONE TO NOTE	Y	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtice 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 BEING DONE - 8:30AM INSPECTED @
East SWM Pond		/	Y	NO PUMPING BEING DONE - 8:30AM INSPECTED @
Downstream Receiving Swale		/	Y	WATER LEAVING SITE IS 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		NA		
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. CIRIELLA	Signature:		
Golder Field Representative/CEP:	STEVE A. WOOD	Signature:		
Covanta Representative:	JAMES DELANEY	Signature:		

10.19.2012



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

Golder Project/Task#: 12-1151-0153 4000

Project Contacts		
Contact	Name	Mobile #
Courtes Power Partners Site Contact	Jina Delaney	1-800-422-3350
Courtes Power Partners Alt Site Contact/H&S Coord	Jeff Bedard	416-574-6625
Golder PM/Water Resources Engineer/CPESC	Janice Campbell	647-637-3779
Golder Waste Services Contact/Local H&S Coordinator	Steve Auger	289-864-0550
Golder PD/Senior Water Resources Engineer	Amy Burke	905-409-8355
Golder All CEP/Field Specialist	Terry Winhold	416-473-2800
Golder SW Field Specialist	Nick Gorski	416-802-6601

E&SC Monitoring Field Observations/Logistics

Date(s): Oct 19/12 Time(s) of EMI: _____
8:00 AM (start/finish) Field Staff: ANTHONY CIRIELLA

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

Antecedent Weather Conditions: _____

Other Notables: _____

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

E&SC Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic Down gradient Reaches Around Site Perimeter	NONE TO NOTE.	Y	- SILT FENCE STILL INTACT FENCE SURROUNDING PERIMETER IN GOOD CONDITION & PERFORMING WELL.
Preservation of Natural Vegetation	All around site perimeter	NONE TO NOTE.	Y	- ALL NATURAL VEGETATION SURROUNDING SITE APPEARS TO BE HEALTHY
Vehicular Entrance to the site		NONE TO NOTE	Y	SWEEEPING OF ROADS PERFORMED DAILY
Stock Piles (No.s 1, 2, Working, Construction Fill)		NONE TO NOTE.	Y	ALL STOCKPILES ON SITE BEING PROPERLY CONTAINED, NO RUN OFF TO NOTE.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter	NONE TO NOTE	Y	INTERCEPTOR SWALE/ROCK DAMS IN GOOD CONDITION & WORKING PROPERLY.
Minor pumping/controlled discharge Efforts		NONE TO NOTE.	N	MINOR PUMPING FROM HOLES/EXCAVATIONS TAKING PLACE. SILT MEASURES ARE IN PLACE.
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.		NONE TO NOTE	Y	- IN GOOD ORDER.



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 Features	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	8:30 AM	NONE TO NOTE	Y	PUMPING OF POND TAKING PLACE WATER EXITING SITE FROM POND IS CLEAR
East SWM Pond	8:52 AM	NONE TO NOTE	Y	PUMPING IS TAKING PLACE IN 2" PUMP. WATER LEAVING POND CLEAR.
Downstream Receiving Swale	8:35 AM	NONE TO NOTE	Y	WATER RUNNING THROUGH RECEIVING SWALE 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				
Courville Power Partners Representative/EMI	Print Name: A. C. BOLA	Signature:		
Golder Field Representative/CEP:	Signature:			
Coventia Representative:	Signature: JAMES DELANEY	Signature:	28.07.12	



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
Cowanite Contact	Jim Delaney	1-800-422-5350	Date(s): <u>Oct 25/12</u> Time(s) of EMI: _____ Field Staff: <u>ANTHONY CIOCCA</u>
Courtica Power Partners Site Contact	Jeff Bedard	416-974-5525	(start-finish) _____
Courtica Power Partners AR Site Contact/N&S Coord	Jenica Campbell	847-537-3779	<u>8:30am -</u>
Golder PM/Water Resources Engineer/CPEEC	Steve Auger	289-884-0556	Health & Safety PPE/Orientation (VAN, details): _____
Golder Waste Services Contact/Local N&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions: _____
Golder PD/Senior Water Resources Engineer	Tony Winhold	416-473-2800	_____
Golder AR CEP/Field Specialist	Nick Gorski	416-802-6601	_____
Golder SW Field Specialists			Other Notables: <u>Rain/Cloudy. 9°C</u>

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

E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	NONE TO NOTE	Y	- FENCE IS INTACT WORKING WELL. - KEEPING SILT IN SITE.
Preservation of Natural Vegetation	AR around site perimeter	NONE TO NOTE	Y	APPEARS HEALTHY.
Vehicular Entrance to the site		NONE TO NOTE	Y	DAILY SWEEPING MAINTAINED
Stock Piles (No. 1, 2, Working, Construction Fill)		NONE TO NOTE	Y	- STOCK PILES ARE CONTAINED.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter	NONE TO NOTE	Y	WATER TRAVELING THROUGH DITCHES NATURALLY. TRAVELING THROUGH ROCK CHECKS.
Minor pumping/controlled discharge Efforts		NONE TO NOTE	Y	SITE IS BEING DEWATERED IN CERTAIN LOCATIONS INTO PONDS. SILT MEASURES IN CHECK.
Additional E&SC Measures - Temporary Seeding, - Permanent Seeding, - Sod Stabilization, - Mulching, - Erosion Protection		NONE TO NOTE.	Y	ALL TEMP MEASURES ARE STILL IN PLACE & IN GOOD CONDITION.



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	8:20	NONE TO NOTE	Y	NO WATER BEING PUMPED
East SWM Pond	8:22	NONE TO NOTE	Y	NO WATER BEING PUMPED
Downstream Receiving Swale	8:25	NONE TO NOTE	Y	NO WATER LEAVING 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 Features	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: —	—	—
Touley Creek	SW3 (US) Station: — SW4 (DS) Station: —	—	—

Sign-off

Courice Power Partners Representative/EMI: ANTHONY GRILLA
 Golder Field Representative/CEP: STEVE ANGER
 Covanta Representative: JAMES DELANEY

[Signature]
[Signature]
 2 Nov 2012



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	
Courtside Contact:	Jim Delaney	1-800-422-5350	Date(s):	Oct 29/12 - Time(s) of EMI: Oct 29/12 - 9 AM Field Staff: A. Cipolla
Courtside Power Partners Site Contact:	Jeff Bedard	416-574-5525		Nov 2/12 (start-finish)
Courtside Power Partners All Site Contact/H&S Coord:	Janice Campbell	547-537-3779	Health & Safety PPE/Orientation (Y/N, details):	Oct 30/12 - 10 AM
Golder PM/Water Resources Engineer/CPEEC:	Steve Auger	226-894-0556	Antecedent Weather Conditions:	Oct 31/12 - 10 AM
Golder Waste Services Contact/Local H&S Coordinator:	Amy Barba	905-409-8355		Nov 1/12 - 10 AM
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	Other Notables:	RAINFALL & HEAVY WINDS ALMOST FROM (direction) SANDY OCCURRED FROM OCT 29 - 31 2012.
Golder All CEP/Field Specialist:	Nick Gorak	416-902-8801		
Golder SW Field Specialist:				
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtside Power Partners				
EASC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter ERM Fencing	Strategic, Down gradient Reaches Around Site Perimeter	NONE TO NOTE	Y	- 29/12 - FENCING IS INTACT AND SILT PENETRATING PERIMETER FENCING - 30/12 - SA " " 31/12 - " " "
Preservation of Natural Vegetation	All around site perimeter	NONE TO NOTE	Y	29/12 ALL VEGETATION IS HEALTHY NO 30/12 DISTURBANCE FROM SITE ACTIVITIES.
Vehicular Entrance to the site		NONE TO NOTE	Y	BEING MAINTAINED DAILY.
Stock Piles (No s 1, 2, Working, Construction Fill)		NONE TO NOTE	Y	STOCK PILES ON SITE BEING MAINTAINED PROPERLY
Interceptor Swales, Including Rock Check Dams	Around Site Perimeter	NONE TO NOTE	Y	WATER FROM RAIN FALL DRAINING THROUGH SWALES NATURALLY
Minor pumping/controlled discharge Efforts		NONE TO NOTE	Y	DURING RAIN STORMS (30, 31, 1) ANY WATER PUMPED FROM STRUCTURES ALLOWED TO DRAIN THROUGH CHECK DAMS AND NATURALLY FEED BOWDS.
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection		NONE TO NOTE.	Y	ALL AREAS IN GOOD ORDER.



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

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

BASC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	OCT 28 - OCT 31 - OCT 2	NONE TO NOTE	Y	PUMPED TUE/THUR/FRI STOPPED FRI, WATER TOO SILTY
East SWM Pond	"	" "	Y	PUMPED TUE/THUR/FRI. SHUT PUMPS FRI, WATER TOO SILTY
Downstream Receiving Swale	"	" "	Y	WATER WAS CLEAR TUE/THUR/FRI WE SHUT PUMPS AS WATER WAS TOO SILTY

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

Surface Water Sampling Performed (Y/N): Y Details: Nov. 1, 2012, light rain, precip on and off since Sept. 29

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	10:53	Y	Water turbid and brown. Not discharging/pumping. Lots of capacity in pond.
West SWM Pond	11:11	Y	Water turbid and brown. Not pumping. Pond discharging via gravity flow. Will let settle before pumping.
Downstream Receiving Swale SW1 (US) Station:	9:02	Y	Turbidity medium to high. Good flow. Depth at sample 12.50m
SW2 (DS) Station:	9:26	Y	Good flow. Medium turbidity. Biological foam just D/S of station
Tooley Creek SW3 (US) Station:	10:12	Y	Clear/no-sheen. Depth 0.3m 3m wide, good flow
SW4 (DS) Station:	9:45	Y	Too deep to travel culvert. Clear/No-sheen. Width 5m. Depth 40m

Sign-off

Courtice Power Partners Representative/EMI	Print Name: <u>A. CIROCCA</u> Signature:
Golder Field Representative/CEP:	Print Name: <u>STEVE AUGER</u> Signature:
Covanta Representative	Print Name: <u>MARKS DELANEY</u> Signature: 11.12.12



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	
Covenant Contact:	Jim Delaney	1-860-422-6350	Date(s):	Nov 7/12
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525	Time(s) of EMI:	10:00 AM (start-finish)
Courtice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	647-537-3779	Field Staff:	A. Cipolla
Golder PM/Water Resources Engineer/CPESC	Steve Auger	289-894-0558	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions:	
Golder PDI/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 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	COCO WORKING ON SOUTH SIDE OF SITE INSTALLING MAT OF FOR THEIR SANITARY LINE. OPENED HOLE IN FENCE TEMPORARILY	Y	- COCO TO REESTABLISH FENCE IN THIS AREA ONCE WORK IS COMPLETE. ALL OTHER FENCE IN GOOD ORDER.
Preservation of Natural Vegetation	All around site perimeter	VEGETATION HAS TAKEN SOME EXCESS WATER FROM RAIN EVENTS	Y	ALL VEGETATION STILL HEALTHY
Vehicular Entrance to the site		DUE TO RAIN, SITE IS FAR MORE MUDDY THAN USUAL	Y	- EXTRA SWEEPING OF ROADS NEEDED
Stock Piles (No.s 1, 2, Working, Construction Fill)		NONE TO NOTE	Y	STOCK PILES IN GOOD ORDER AND BEING USED AS BACKFILL, PLANS TO START MAINTENANCE OFFS
Interceptor Swales, including Rock Check Dams	Around Site Perimeter	SWALES IN GOOD SHAPE, ADDITION OF EAST SWALE THIS WK	Y	
Minor pumping/controlled discharge Efforts			Y	NO PUMPING AT TIME OF INSPECTION
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL TEMP MEASURES IN PLACE & IN GOOD ORDER.

* Silt fence REINSTALLED
 11.12.12
 Osbourne + Road Swept 11.15.12

* No milkshakes seen during this weeks inspections

* NO PICTURES TAKEN -- SEE SITE PICTURES TAKEN 11.17.12 FOR SPDSMS



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

Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrise 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	10:30 AM	NONE TO NOTE	N	PUMPING IN PLACE, WATER IS DRAINED DOWN
East SWM Pond	10:25 AM	SOME EROSION HAS OCCURRED ALONG BANKS CPO RE-ESTABLISHED SNOW FENCE	N	No PUMPING
Downstream Receiving Swale			N	WATER LEAVING WEST POND W/ CLERE

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

Courtrise Power Partners Representative/EMI:	Print Name: <u>A. CIPOLLA</u>	Signature:
Golder Field Representative/CEP:	<u>STEVE AVOOR</u>	
Covanta Representative:	<u>JAMES DEANEY</u>	 11/17/12



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
Covenant Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>Nov 14/12</u> Time(s) of EMI: _____ Field Staff: <u>A. CIRULLA</u>
Courtice Power Partners Site Contact	Jeff Bodard	416-574-5625	Date(s): <u>9:30AM</u> (start-finish) _____
Courtice 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/CPEEC:	Steve Auger	289-894-0558	Antecedent Weather Conditions: _____
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 Alt CEP/Field Specialist	Nick Gorski	416-902-6801	
Golder SW Field Specialists			

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 HOLDS FOUND IN FENCE ALONG SOUTH SIDE. AREA @ MID SOUTH FENCE NEEDS REPAIR	N	- COCO WAS BROUGHT OVER TO LOCATION OF CONCERN FOR REPAIR.
Preservation of Natural Vegetation	All around site perimeter		Y	VEGETATION IS HEALTHY, FREE OF SILT.
Vehicular Entrance to the site			N	DAILY SWEEPING. STREETSWEEPER ORDERED FOR THE 15 TH TO CLEAN SITE ROAD
StockPiles (No.s 1, 2, Working, Construction Fill)			N	SOCK PILES STILL INTACT. HYDROSEED STILL INTACT.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter	ACCUMULATION OF SILT IN NORTH SWALES.	Y	COCO MADE AWARE OF ISSUE. COCO TO CLEAN BY THE END OF NEXT WK
Minor pumping/controlled discharge Efforts			Y	NO PUMPING AT TIME OF INSPECTION
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL AREAS IN GOOD ORDER. NEW ROCK CHECK DAMS INSTALLED IN (W) EAST SWALE LEADING TO SE SWALE

* UNDO GRASS COCO @ EAST SWALE SILT PILE @ SW
J. Delaney



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	10:00AM		Y	NO PUMPING @ TIME
East SWM Pond	10:30		Y	NO PUMPING @ TIME
Downstream Receiving Swale	10:20		Y	WATER LEAVING POND NATURALLY & 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				
Coutrice Power Partners Representative/EMI	Print Name A. P. POUA	Signature 		
Golder Field Representative/CEP:	STEVE AUGER			
Covanta Representative:	JAMES DELANEY		22 Nov 2012	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
 Golder Project/Task: 12-1151-0195 4089

Project Contacts		Mobile #s	EASC Monitoring Field Observations/Logistics	
Contract Contact	Jim Delaney	1-528-422-5350	Date(s):	Nov 21/12
Courice Power Partners Site Contact	Jeff Beahrd	416-874-8825	Time(s) of EMI:	10:22 AM
Courice Power Partners All Site Contact/HAS Coord	Jenica Campbell	847-837-5779	(start/finish)	
Golder PM/Water Resources Engineer/CPEBC	Steve Asper	226-804-0288	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&E Coordinator	Amy Burke	905-408-8288	Atmospheric Weather Conditions:	
Golder PDI/Senior Water Resources Engineer	Terry Wathall	416-473-2800	Other Notables:	* NO MICROWAVES OBSERVED.
Golder AB CEPP/Field Specialist	Mike Gerke	416-802-8001		
Golder SW Field Specialist				

Field Blank: **ANTHONY CIPOLCA.**

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

EASC Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Soil Fencing	Strategic, Down gradient Ratchets Around Site Perimeter	NOTED DEFICIENCIES FROM LAST WEEK HAVE BEEN REPAIRED.	Y	- \$ MOST AREAS IN GOOD ORDER. NOTICED PIECE RIPPED @ NW CORNER OF PROPERTY.
Preservation of Natural Vegetation	All around site perimeter		Y	IN GOOD HEALTHY CONDITION.
Vehicle Entrance to the site			Y	ROAD WELL MAINTAINED, DAILY SWEEPING
Stock Piles (Nos 1, 2, Working, Construction Fill)			Y	IN GOOD CONDITION. SEEDING STILL IN PLACE AND CONTAINED.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS HAVE BEEN CLEANED 21/11/12.
Minor pumping/controlled discharge efforts			N	NONE TO NOTE
Additional EASC Measures - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mowing - Silt Protection			Y	ALL IN GOOD ORDER AND HEALTHY.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
EMC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	11:20		Y	NO PUMPING AT TIME
East SWM Pond	11:25		Y	NO PUMPING AT TIME
Downstream Receiving Swale	11:30		Y	NO PUMPING AT TIME
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N): <u>W</u>		Date(s): <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				
Courice Power Partners Representative/EMI	Print Name: <u>A. CIRIOIA</u>	Signature: <u>[Signature]</u>		
Golder Field Representative/CEP:	<u>JEFF AUCHE</u>	Signature: <u>[Signature]</u>		
Covanta Representative:	<u>JAMES DEWILBY</u>	Signature: <u>[Signature]</u> 26 APR 2012		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Golder Project/Task#: 12-1151-0155 4000				
Project Contacts		Mobile #s	EESC Monitoring Field Observations/Logistics	
Covenant Contact	Jim Delaney	1-860-422-5350	Date(s):	Nov 30/12 Time(s) of EMI: _____ Field Staff: A. Cipolla
Courice Power Partners Site Contact	Jeff Sedard	416-574-5525	(start-finish)	_____
Courice Power Partners All Site Contact/H&S Coord	Jessica Campbell	847-537-3779		_____
Golder PM/Water Resources Engineer/CPESC	Steve Auger	288-894-0556	Health & Safety PPE Orientation (Y/N, details):	_____
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-8355	Antecedent Weather Conditions:	* NO MUXSHINES SEEN AT TIME OF INSPECTION *
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				
EESC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic Down gradient Reaches Around Site Perimeter	- NONE TO NOTE <i>Allen</i>	Y	ALL PERIMETER FENCE INTACT AND IN GOOD CONDITION. GOOD CONDITION
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEGETATION IN HEALTHY CONDITION
Vehicular Entrance to the site		NOTICED FRONT ENTRANCE WAS DUSTY EXTRA CLEANING NECESSARY!	Y	DAILY SWEEPING IN EFFECT.
StockPiles (No.s 1, 2, Working, Construction F&B)			Y	HYDROCEED STILL INTACT.
Interceptor Swales, Including Rock Check Dams	Around Site Perimeter		Y	MAINTAINED AND CLEAR.
Minor pumping/controlled discharge Efforts			N	NONE TO NOTE
Additional EESC Measures - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection			Y	ALL ADDITIONAL EESC MEASURES IN GOOD ORDER, NOTHING TO NOTE-



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courville Power Partners				
ESC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	10:20		Y	No PUMPING @ TIME
East SWM Pond	10:25		Y	" "
Downstream Receiving Swale	10:30		Y	" "
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt. by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Date:		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	---	---		
West SWM Pond	---	---		
Downstream Receiving Swale SW1 (UB) Station:	---	---		
SW2 (DB) Station:	---	---		
Toolley Creek SW3 (UB) Station:	---	---		
SW4 (DB) Station:	---	---		
Sign-off				
Courville Power Partners Representative/EMI	Print Name A. CARROLL	Signature 		
Golder Field Representative/CEP:	STEVE RIVER	Signature 		
Covanta Representative:	JAMES DELANEY	Signature 		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Golder Project/Task#s 12-1151-0155_4000				
Project Contacts		Mobils #s	E&SC Monitoring Field Observations/Logistics	
Covanta Contact:	J'm Delaney	1-800-422-5350	Date(s):	DEC 6 th 12
Courrice Power Partners Site Contact	Jeff Badard	416-574-5525	Time(s) of EMI:	(start-finish)
Courrice Power Partners All Site Contact/H&S Coord	Jenice Campbell	647-537-3779	Health & Safety PPE/Orientation (Y/N, details):	
Golder PM/Water Resources Engineer/CPESC	Steve Auger	289-894-0558	Antecedent Weather Conditions:	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9356	Other Notables:	
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800		
Golder All CEP/Field Specialist	Nick Gorski	416-802-6801		
Golder SW Field Specialists				
			Field Staff:	A.C. POLLA
				APPROX 13MM OF RAIN ON 12/2 AND 3MM OF RAIN ON 12/4
XTRA STORM OF MILLS JAROSA				
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	NONE TO NOTE	Y	ALL SILT FENCE INTACT, NO TEARS OR RIPS SEEN @ TIME OF INSPECTION.
Preservation of Natural Vegetation	All around site perimeter	" " "	Y	ALL HEALTHY IN GOOD CONDITION.
Vehicular Entrance to the site		CLEANING IS NEEDED AS SITE IS MUDDY FROM RAIN	Y	DAILY SWEEPING IN EFFECT, STREET SWEEPER AND WASH TRUCK PLANNED FOR END OF WK.
Stock Piles (No.s 1, 2, Working, Construction Fill)		NONE TO NOTE	Y	ALL PREVENTATIVE MEASURES STILL IN PLACE.
Interceptor Swales, Including Rock Check Dams	Around Site Perimeter	NONE TO NOTE	Y	CLEAN AND IN WORKING ORDER.
Minor pumping/controlled discharge Efforts		NONE TO NOTE	N	NO PUMPING @ TIME OF INSPECTION & NONE FOR THE WK.
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				
E&S Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	2:30	" " "	Y	NO PUMPING, WATER LEVEL LOW.
East SWM Pond	2:35	" " "	Y	NO PUMPING, WATER LEVEL LOW.
Downstream Receiving Swale	2:35	" " "	Y	NO PUMPING, WATER LEVEL LOW.
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				
Courtrice Power Partners Representative/EMI	Print Name A. J. JOLLA	Signature 		
Golder Field Representative/CEP	Steve AUCOR			
Covanta Representative	JAMES DELANEY	 6 DEC 2012		



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

Project Contacts			E&S Monitoring Field Observations/Logistics
Covenant Contact:	Jim Delaney	1-800-422-5350	Date(s): DEC 10/11 Time(s) of EMI: _____ Field Staff: A. CIROLLA
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	8:30
Golder H&M/Water Resources Engineer/CPESC:	Steve Auger	289-894-0556	Health & Safety PPE/Orientation (Y/N, details): * NO MILKSNAKES SEEN @ TIME OF WALKTHROUGH *
Golder Waste Services Contact/Local H&S Coordinator	Amy Burks	905-409-9355	Antecedent Weather Conditions: 1 MM RAIN 12/6 (SIX)
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	6 MM RAIN 12/10 (SIX)
Golder All CEP/Field Specialist	Nick Gorski	416-802-6601	INSPECTION FOR RAIN
Golder SW Field Specialist			Other Notable: - SUPERVISOR OF OSBOURNE TOOK PLACE DEC #112 BY DURHAM SWEEPING

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

E&S Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Silo Perimeter		Y	SILT FENCE INTACT, IN GOOD CONDITION. FIX PERIMETER FENCE THIS WK, NEW SILT FENCE TO BE RE-INSTALLED
Preservation of Natural Vegetation	All around site perimeter		Y	NO ISSUES
Vehicular Entrance to the site			Y	STREET SWEEPING OF OSBOURNE RD OCCURRED FRI DEC 9TH BY DURHAM SWEEPING
StockPiles (No.s 1, 2, Working, Construction Fill)			Y	HYDRASEEDING INTACT.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter	SWALE S/W OF RESIDUE IN NEED OF CLEAN.	Y	CLEAN FREE OF SILT.
Minor pumping/controlled discharge Efforts			N	SOME MINOR PUMPING OCCURRED TODAY DUE TO RAIN. PUMED WATER WAS ALLOWED TO MIGRATE THROUGH SWALE.
Additional E&S Measures - Temporary Seeding, - Permanent Seeding, - Sod Stabilization, - Mulching, - Inlet Protection			Y	ALL IN GOOD ORDER. NO ISSUES TO REPORT.

WIDE SPACES NEEDED AT WHEEL WASH & OSBOURNE ROAD



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 Measure	Time of Observation (If notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (Incl. during visit weather conditions)
West SWM Pond	4:00		Y	No Pumping @ TIME
East SWM Pond	4:10		Y	No Pumping @ TIME
Downstream Receiving Swale	4:20		Y	WATER IN RECEIVING SWALE IN RAIN ACCUMULATION
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	Print Name: A. CIPOLLA	Signature: [Signature]		
Golder Field Representative/CEP:	JEFF AUGER	Signature: [Signature]		
Covanta Representative:	JAMES DELANEY	Signature: [Signature] 2/19/2012		



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
Golder Project/Task#: 12-1151-01ES_6000

Project Contacts	Mobile #	EESC Monitoring Field Observations/Logistics
Coverage Contact: Jim Delaney	1-800-422-5300	Date(s): DEC 2012 Time(s) of EMI: (start-finish)
Courville Power Partners Site Contact: Jeff Bechar	416-674-5525	Field Staff: ANTHONY CIROLLA
Courville Power Partners Air Site Contact/H&S Coord: Janice Campbell	647-637-3779	Health & Safety PPE/Orientation (Y/N, details):
Golder PM/Water Resources Engineer/PE/ESC: Steve Auger	289-594-0556	Antecedent Weather Conditions:
Golder Waste Services Contact/Local H&S Coordinator: Amy Burke	905-400-9355	Other Notables:
Golder PDI/Senior Water Resources Engineer: Terry Wisfold	416-473-2800	
Golder Air CEP/Field Specialist: Nick Gorski	416-602-6601	
Golder SW Field Specialist:		

NO DRAIN
RND MILLISNAKES SEEN @ TIME OF INSPECTION
DEC 2012 RAIN 80MM OF RAIN

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

EESC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	SILT FENCE ALONG GATE 2 ENTRANCE IN NEED OF REPAIR - REST OF SITE IN GOOD ORDER
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEGETATION IN HEALTHY CONDITION
Vehicular Entrance to the site		SWEPPING NECESSARY	Y	DAILY SCRAPING IN PLACE
Stock Piles (Nos 1, 2, Working, Construction Fill)			Y	ALL STOCK PILES IN TACT.
Interceptor Swale, Including Rock Check Dams	Around Site Perimeter		Y	WORKING WELL / WATER FLOWING NATURALLY
Minor pumping/controlled discharge Efforts			Y	SOME PUMPING GOING ON FROM STRUCTURES, FLOWING NATURALLY THROUGH SWALES
Additional EESC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	INLET PROTECTION IN PLACE ALL EESC MEASURES IN PLACE AND IN TACT



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Coatrix 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	10:25	NONE TO NOTE	Y	NO PUMPING
East SWM Pond	10:20	NONE TO NOTE	Y	PUMPING FROM POND. TAKEN PLACE PUMP TURNED OFF
Downstream Receiving Swale	10:25	NOTICED RIPPY WATER	Y	TURNED PUMPS OF TO ALLOW WATER TO FURTHER SETTLE
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				
Courtx Power Partners Representative/EMI	Print Name: A. C. POLETA	Signature:		
Golder Field Representative/CEP:	SEVE AVONR	Signature:		
Coatrix Representative:	JAMES DELANEY	Signature:	21 DEC 2012	

* PONDS BEING MONITORED TO ENSURE CONTAINMENT
 * ACCUMULATIONS @ SW END OF SITE BEING MONITORED TO ENSURE PROPER CONTAINMENT & FILTERING

21 Dec 2012



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	
Courtyce Contact	Jim Delaney	1-860-422-5350	Date(s): 10 25	Time(s) of EMI: _____
Courtyce Power Partners Site Contact	Jeff Bedard	416-574-5525	Field Staff: ANTHONY CIPOLLA	
Courtyce Power Partners All Site Contact/H&S Coord	Janice Campbell	647-537-3778	Start/Finish: 10:30/11:30	
Golder PM/Water Resources Engineer/CPEBC	Steve Auger	289-894-0356	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	805-409-8385	Antecedent Weather Conditions:	* NO HILLS/SLIPES SEEN
Golder PDI/Senior Water Resources Engineer	Terry Winhold	416-473-2800		* NO PICTURES * 7 PHOTOS WERE DELETED
Golder All CEP/Field Specialist	Nick Gorski	416-802-8601	Other Notables:	
Golder SW Field Specialist				
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtyce Power Partners				
E&S Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	NONE TO NOTE	N	- SILT FENCING IS INTACT PERIMETER FENCE STABLE.
Preservation of Natural Vegetation	All around site perimeter		N	SEEM TO BE OK - SNOW COVERED
Vehicular Entrance to the site			N	FREE OF MUD, SNOW CLEARED
Stock Piles (No.s 1, 2, Working, Construction Fill)			N	SNOW COVERED - INTACT
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		N	SNOW COVERED, FREE OF DEBRIS
Minor pumping/controlled discharge Efforts			N	NO PUMPING @ TIME OF WALK
Additional E&S Measures - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection			N	ALL STILL INTACT, SITE IS SNOW COVERED.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtnice 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	10:20		N	NO PUMPING @ TIME
East SWM Pond	10:25		N	NO PUMPING @ TIME
Downstream Receiving Swale	10:30		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:		
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				
Courtnice Power Partners Representative/EMI	Print Name: <u>A. Cipolletta</u>	Signature:		
Golder Field Representative/CEP:	<u>STEVE AVORR</u>			
Coventia Representative:	<u>JANE DELANEY</u>			



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

Project Contacts		E&S Monitoring Field Observations/Logistics	
Coventry Contact:	Jim Delaney 1-905-422-5350	Date(s):	10:50 AM Jan 10/13
Courice Power Partners Site Contact:	Jeff Bedard 418-574-8525	Time(s) of EMI:	(start-finish)
Courice Power Partners AR Site Contact/H&S Coord:	Jarica Campbell 647-537-3770	Field Staff:	ANTHONY CIPOLLA
Golder PM/Water Resources Engineer/CPE&C:	Steve Auger 289-864-0556	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke 905-408-8336	Antecedent Weather Conditions:	No
Golder PDI/Senior Water Resources Engineer:	Tony Winhold 416-473-2600		
Golder AR CEP/Field Specialist:	Nick Gorald 416-802-6501		
Golder SW Field Specialist:		Other Notables:	

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

E&S Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	- NOTICED RIPPED FENCING WEST PERIMETER FENCE. - COLO MADE AWARE AND TO BE RECTIFIED 01/10/13	Y	WEST (CORRECTED/CONFIRMED JAN 21, 2013) - FENCE CONTRACTOR ON SITE EAST PERIMETER FENCE @ W/M TO BE REPAIRED BY 01/11/13
Preservation of Natural Vegetation	All around site perimeter		Y	AREAS OF PROTECTED VEGETATION PRECAUTIONS IN PLACE AND STABILIZED.
Vehicular Entrance to the site			Y	MAINTAINED OF SNOW & MVD.
Stock Piles (No. 1, 2, Working, Construction Fill)			Y	@ HYDRASEED INTACT PILES INTACT AND STABILIZED.
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	ALL CHECK DAMS IN GOOD ORDER.
Minor pumping/controlled discharge Efforts			N	SOME AREAS DUE TO THAW ARE BEING PUMPED. WATER DRAINING THROUGH SWALE.
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	EXTRA SEEDING INTACT.

* PORTION OF EAST SWALE WAS TEMP FILLED IN FOR CRANE DRIVEWAY. (PIC 1100105) CPP INSTALLED TEMP

AND GABION STONE ON EITHER SIDE FOR EXTRA PROCAUTION TO SILT BUILD UP. AREA WILL ALSO BE USED FOR SNOW MELT AREA.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtica 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	11:05		Y	PUMPING TAKING PLACE @ TIME, AS EXTRA PRECAUTION FOR UPCOMING THAW/RAIN
East SWM Pond	11:15		Y	PUMPING PRIOR TO THAW / RAIN
Downstream Receiving Swale	11:15		Y	WATER PUMPED FROM POND CLEAR
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	Print Name: A. Cipora	Signature: [Signature]		
Golder Field Representative/CEP:	[Signature]	[Signature]		
Coventry Representative:	[Signature]	[Signature]	10 June 2013	



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):	JAN 14/13 Time(s) of EMI: _____ Field Staff: A. CIPOLLA
Courice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish)	_____
Courice Power Partners All Site Contact/H&S Coord	Janica Campbell	647-537-3778		_____
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:	*NO MUDSLAKE SEEN @ TIME OF WALK*
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800		*JAN 13/12 - RAIN (23MM)*
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&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	AREA IN QUESTION FROM LAST WK WAS REPAIRED BY COLO. NO FURTHER ACTION REQ'D
Preservation of Natural Vegetation	All around site perimeter		Y	VEGETATION SEEM TO BE WITHDRAWING ELEMENTS PROPERLY
Vehicular Entrance to the site			Y	DAILY SWEEPING BE MAINTAINED.
Stock Piles (No s 1, 2, Working, Construction Fill)			Y	INTACT NO EROSION VISABLE.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS CLEAR & COLLECTING RUNOFF.
Minor pumping/controlled discharge Efforts			N	MINOR PUMPING FROM EXCAVATIONS TO SWALES. NATURAL DRAINING IN EFFECT.
Additional E&SC Measures - Temporary Seeding - Permanent Seeding - Sod Stabilization - Mulching - Inlet Protection			Y	ALL TEMPORARY MEASURES ARE IN PLACE & KEEPING UP W RECENT THAW.



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	4:00		Y	PUMPING OUT OF POND @ TIME OF INSPECTION. POND WAS FULL DUE TO RAIN/THAW. NO PUMPING @ TIME OF INSPECTION. WATER DRAINING NATURALLY THROUGH DISCHARGE. WATER @ DISCHARGE WAS MERCURY. PUMPS WERE TURNED OFF TO ALLOW FOR SETTLEMENT
East SWM Pond	4:05		Y	
Downstream Receiving Swale	4:10		Y	
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				
Courtrice Power Partners Representative/EMI	A. C. POWA		Signature	
Golder Field Representative/CEP	STEVE AUGER		Signature	
Covanta Representative	JAMES S. CONWAY		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):	Jan 25/13	Time(s) of EMI: _____
Courtyce Power Partners Site Contact:	Jeff Bedard	416-574-5525	(start/finish)	8:00AM	Field Staff: A. Cirroca
Courtyce Power Partners Air 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	269-894-0558	Antecedent Weather Conditions: _____		
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Other Notables: STEVE AUGER (GOLDER) PERFORMED SEASONAL 'SURPRISE' SITE VISIT TO WALK THE SITE & ASSES		
Golder PDI/Senior Water Resources Engineer:	Terry Winhold	416-473-2800			
Golder Air CEP/Field Specialist:	Nick Gorski	416-802-6501			
Golder SW Field Specialists:					
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	DURING WALK @ START OF WEEK THERE WAS EVIDENCE OF TORN SILT FENCE @ BAYE 2 / EAST PERIMETER / WEST PERIMETER	Y	-IMMEDIATELY AFTER INITIAL WALK THESE AREAS WERE REPAIRED IN THIS REPORT ARE PICTURE SHOWING THE REPAIRED AREAS.	
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS ARE DOING WELL	
Vehicular Entrance to the site			Y	AREA IS CLEAN, FREE OF DEBRIS.	
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	STOCK PILES ARE GROWN IN, HOLDING WELL NO EVIDENCE OF EROSION ALONG BANKS	
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	SWALES ARE CLEAR / NO RUNOFF	
Minor pumping/controlled discharge Efforts			N	NO MINOR PUMPING @ TIME OF WALK.	
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mutching; - Inlet Protection			Y	ALL AREAS WHERE ADDITIONAL MEASURES ARE INSTALLED ARE STILL MAINTAINED / STANDING UP TO WINTER MONTHS.	



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	8:30		Y	WATER LEVEL WELL BELOW OUTFALL. STANDING WATER IS FROZEN
East SWM Pond	8:35		Y	" " "
Downstream Receiving Swale	8:40		Y	NO WATER EXITING 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		GA/QC Seasonal Site Visit Walkthrough (only) on Jan 23, 2013.		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	Jan 23/13 2:51 PM	Y	FROZEN OVER w/ SLIGHT DUSTING OF SNOW COVER	
West SWM Pond	3:00 PM	Y	AS ABOVE	
Downstream Receiving Swale	SW1 (US) Station: SW2 (DS) Station:	2:49 PM -	Y N	VIEW FROM DISTANCE / PHOTO. RECEIVING SWALE APPEARS TO BE FROZEN OVER DURING TIME OF VISIT
Toohey Creek	SW3 (US) Station: SW4 (DS) Station:	N/A	N	-
Sign-off				
Coutrice Power Partners Representative/EMI	Print Name A. CIROLLA	Signature 		
Golder Field Representative/CEP:	SEVE AUER			
Covanta Representative:	JAMES DOWNIST		28 JAN 2013	



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	1-860-422-8350	Date(s): FEB 11/13	Time(s) of EMI: _____ (start-finish)
Courice Power Partners Site Contact	Jeff Bedard	416-574-5525		Field Staff: A.C. POLLIA
Courice Power Partners All Site Contact/H&S Coord	Jenice Campbell	847-537-3779		
Golder PM/Water Resources Engineer/CEP/SC	Steve Auger	289-894-0556		
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355		
Golder PO/Senior Water Resources Engineer	Terry Winhold	416-473-2800		
Golder AR CEP/Field Specialist	Nick Gorski	416-802-6601		
Golder SW Field Specialist				
Other Notables:			Health & Safety PPE/Orientation (Y/N, details): Antecedent Weather Conditions: * NO MILKSHAKES * ↳ RECENT - RAIN / SNOW / THAW / WIND. RAW ON WEDNESDAY 1/14/13	
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
E&S Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter SW Fencing	Strategic Down gradient Reaches Around Site Perimeter	NONE TO NOTE	Y	REMEDIAL ACTION WAS TAKEN IN ANTICIPATION OF THIS WEEKS FLUCTUATION IN THE WEATHER.
Preservation of Natural Vegetation	All around site perimeter		Y	ALL AREAS SEEM HEALTHY AND INTACT AFTER RECENT WEATHER CHANGES
Vehicular Entrance to the site			Y	CLEAN FREE OF MUD/DEBRIS.
Stock Piles (No s 1, 2, Working, Construction Fill)			Y	INTACT - HOLDING WELL.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	RECENTLY CLEANED OF SILT/BAND IN ANTICIPATION OF THAW.
Minor pumping/controlled discharge Efforts			Y	MINOR PUMPING INTO SWALES AND SENT INTO EAST/WEST SWM PONDS.
Additional E&S Measures - Temporary Seeding, - Permanent Seeding, - Sod Stabilization, - Mulching, - Erosion Protection			Y	AS MENTIONED IN EMAIL CORRESPONDENCE, REMEDIAL WORK WAS DONE IN ANTICIPATION OF WEATHER.



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courice Power Partners				
EEEC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond			Y	POND IS FAIRLY FULL BUT FROZEN DRAWING IS NECESSARY
East SWM Pond			Y	POND IS FAIRLY FULL PUMPING NECESSARY RE'AD BUT FROZEN!
Downstream Receiving Swale			Y	No flowing water evidence
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
OF FROZEN WATER MENT FOR DISCHARGE.				
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				
Courice Power Partners Representative/EMI:	Print Name: ACQUILLA	Signature: [Handwritten Signature]		
Golder Field Representative/CEP:	STEVE AYOUB	[Handwritten Signature]		
Covanta Representative:	JAMES DELANEY	[Handwritten Signature]		

1 FEB 2013



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	
Cowarts Contact	Jim Delaney	1-860-422-5350	Date(s): FEB 8/13	Time(s) of EMI: 8:30 AM
Courrice Power Partners Site Contact	Jeff Bedard	416-574-5525	Field Staff: A. Lipoua	
Courrice Power Partners AII 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):	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-408-9355	Antecedent Weather Conditions:	
Golder PDI/Senior Water Resources Engineer	Terry Winhold	416-473-2800		
Golder AII 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 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		N	ALL PERIMETER FENCING INTACT, NO SENSE OF RIPS OR TORN CUTS.
Preservation of Natural Vegetation	AII around site perimeter		N	ALL AREAS SEEM TO BE HEALTHY
Vehicular Entrance to the site			N	AREA FREE OF MUD & DEBRIS
Stock Piles (No s 1, 2, Working, Construction Fill)			N	STOCK PILES HOLDING
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		N	SWALES CLEAR, WATER RUN-OFF ABLE TO DRAIN
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 ADDITIONAL MEASURES STILL IN PLACE

Durham-York Energy Centre
 71 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 Courtica 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	8:40		N	NO PUMPING OR RUNOFF, POND FROZEN
East SWM Pond	8:45		N	" " "
Downstream Receiving Swale	8:50		N	NO RUNOFF FROM 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		-		
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. LIPOVA	Signature 		
Golder Field Representative/CEP:	JEVE AUCER			
Covanta Representative:	JAMES DELANEY			
21 FEB 2013				



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				
Golder Project/Task#s 12-1151-0155_4000				
Project Contacts		Mobile #s	E&S Monitoring Field Observations/Logistics	
Covenant Contact:	Jim Delaney	1-800-422-5350	Date(s): FEB 13/13	Time(s) of EMI: _____
Courtyce Power Partners Site Contact	Jeff Bedard	416-574-5525		Field Staff: A. CIROLLA
Courtyce Power Partners Alt Site Contact/H&S Coord	Jenica Campbell	847-537-3779	9:00AM	(start-finish) _____
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: _____	
Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtyce Power Partners				
E&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter S II Fencing	Strategic, Down gradient Reaches Around Site Perimeter		N	NOTHING TO REPORT PERIMETER FENCING INTACT.
Preservation of Natural Vegetation	All around site perimeter		N	ALL AREAS SEEM OK, MOSTLY SNOW COVERED.
Vehicular Entrance to the site			N	NOTHING TO NOTE (CLEAR)
Stock Piles (No.s 1, 2, Working, Construction Fill)			N	INTACT HOLDING WELL
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		N	ROCK CHECKS IN PLACE/CLEAR
Minor pumping/controlled discharge Efforts			N	NO PUMPING @ TIME
Additional E&S Measures - Temporary Seeding. - Permanent Seeding. - Sod Stabilization. - Mulching. - Inlet Protection			N	NOTHING TO NOTE.

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				
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	POND FROZEN, NO RUN-OFF
East SWM Pond			N	" " " "
Downstream Receiving Swale			N	NO RUNOFF FROM PONDS
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 ACIROLA	Signature <i>[Signature]</i>		
Golder Field Representative/CEP:	STEVE AUGER	<i>[Signature]</i>		
Covanta Representative:	JAMES DELANEY	<i>[Signature]</i>	23 FEB 2013	

TO S. AUGER 2/24

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				
Golder Project/Task#s 12-1151-0155_4000				
Project Contacts		Mobile #s	E&SC Monitoring Field Observations/Logistics	
Courtice Contact	Jim Delaney	1-860-422-5350	Date(s): FEB 14 / 15	Time(s) of EMI: 12:30 (start-finish)
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525	Field Staff: A. CIPOLLA	
Courtice Power Partners All 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):	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Antecedent Weather Conditions: RAIN ON MONDAY 18 FEB	
Golder PD/Senior Water Resources Engineer	Terry Winhold	416-473-2800	NOTE: WALL DONE AFTER RAIN EVENT.	
Golder All CEP/Field Specialist	Nick Gorski	416-602-6601	Other Notables: (Symbol)	
Golder SW Field Specialists				
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	NORTH PERIMETER FENCE IN NEED OF REPAIR	Y	ALL AREAS IN GOOD CONDITION, NOTICED ONE AREA OF TORN FENCE-NORTH
Preservation of Natural Vegetation	All around site perimeter		Y	IN GOOD ORDER.
Vehicular Entrances to the site			Y	CLEAR IN GOOD ORDER.
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	HOLDING WELL/NO ACTION REQUIRED
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	AREAS ARE ALLOWING DRAINAGE CLEAR OF DEBRIS.
Minor pumping/controlled discharge Efforts			N	NONE @ TIME.
Add itional E&SC Measures - Temporary Seeding, - Permanent Seeding, - Sod Stabilization, - Mulching, - Inlet Protection			Y	NOTHING TO NOTE



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	1:00		Y	DRAINAGE OCCURRING NATURALLY WATER LEAVING POND APPEARS TURBULENT TURBID @
East SWM Pond	1:10		Y	NO RUN-OFF / POND STILL FROZEN BELOW OUTLET.
Downstream Receiving Swale	1:15		Y	WATER FROM WEST POND APPEARS APPEARS TURBULENT TURBID @
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	—	—	
Toolay Creek	SW3 (US) Station:	—	—	
	SW4 (DS) Station	—	—	
Sign-off				
Coutrice Power Partners Representative/EMI	Print Name: A. CIRIOVA	Signature: [Signature]		
Golder Field Representative/CEP:	Print Name: STEVE AVON	Signature: [Signature]		
Covanta Representative:	Print Name: JAMES DENNEY	Signature: [Signature]	24 FEB 2013	



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

Project Contacts			E&SC Monitoring Field Observations/Logistics	
Coventry Contact:	Jim Delaney	1-860-422-5350	Date(s):	Feb 27/13
Courice Power Partners Site Contact	Jeff Bedard	418-574-5525	Time(s) of EMI:	8:00 AM (start-finish)
Courice Power Partners All Site Contact/H&S Coord	Janice Campbell	847-537-3779		8:45 AM
Golder PM/Water Resources Engineer/CPEESC	Steve Auger	289-894-0558	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:	Tony Winhold	418-473-2800		
Golder Alt CEP/Field Specialist	Nick Gorzki	416-802-6601		
Golder SW Field Specialists			Other Notables:	NO RAIN PRIOR/DURING

Field Staff: A. CIRULLA

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		N	PERIMETER FENCES IN PLACE, NO NOTED DEFICIENCIES PRESENT DURING WALK
Preservation of Natural Vegetation	All around site perimeter		N	VEGETATION OF SURROUNDING SITE HEALTHY, NO SIGN OF DEAD OR DISTURBED VEGETATION
Vehicular Entrance to the site			N	ENTRANCE TO SITE CLEAN/FREE OF DEBRIS
Stock Piles (No.s 1, 2, Working, Construction Fill)			N	ALL PILES HOLDING/INTACT.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		N	CHECK DAMS ARE CLEAR
Minor pumping/controlled discharge Efforts			N	NO PUMPING @ TIME OF WALK
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			N	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				
E&SC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	8:15		N	No Pumping/POND FROZEN
East SWM Pond	8:20		N	NO Pumping/POND FROZEN
Downstream Receiving Swale	8:25		N	NO WATER/RUNOFF FROM 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		—		
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: AL WOLLA	Signature:		
Golder Field Representative/CEP:	↓			
Covanta Representative:			3/18/13	



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
Covanta Contact:	Jim Delaney	1-860-422-5350	Date(s): <u>MARCH 5/13</u> Time(s) of EMI: _____ Field Staff: <u>A. CIROLLA.</u>
Courtice Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish) _____
Courtice Power Partners Alt Site Contact/H&S Coord	Janice Campbell	847-537-3779	_____
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	905-409-9355	Antecedent Weather Conditions: _____
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	_____
Golder Alt CEP/Field Specialist	Nick Gorak	416-802-6601	_____
Golder SW Field Specialists			Other Notables: <u>NO RAIN PRESENT OR BEFORE</u>
			<u>* NO MILKSNAPES SEEN @ TIME OF WORK</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	NO DEFICIENCIES TO NOTE / FENCING INTACT.
Preservation of Natural Vegetation	All around site perimeter		N	NO VISIBLE DAMAGE OR DISTURBANCE.
Vehicular Entrance to the site			N	CLEAN FREE OF DEBRIS.
Stock Piles (No.s 1, 2, Working, Construction Fill)			N	STOCK PILES HOLDING & IN PLACE
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		N	CLEAR OF SILT / DEBRIS.
Minor pumping/controlled discharge Efforts			N	NONE TO NOTE.
Additional E&SC Measures: - Temporary Seeding. - Permanent Seeding. - Sod Stabilization. - Mulching. - Inlet Protection			N	ALL ADDITIONAL AREAS ARE IN PLACE AND UNDISTURBED.



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	12:10		N	No Pumping / POND FROZEN
East SWM Pond	12:20		N	No Pumping / POND FROZEN
Downstream Receiving Swale	12:25		N	No Runoff / 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				
Courtrice Power Partners Representative/EMI	Print Name: <u>A. Lalala</u>	Signature:		
Golder Field Representative/CEP:				
Covanta Representative:			3/18/13	



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
Golder Project/Task#: 12-1181-0195_4000

Project Contacts	Mobile #s	ES&S Monitoring Field Observations/Logistics
Governor Contact: Jim Gatenby	1-800-425-3300	Date(s): MAR 15/13 Time(s) of EMI: _____ Field Staff: ACIBOLCA
Courice Power Partners Site Contact: Jeff Bedford	416-874-8282	(start-finish) _____
Courice Power Partners AR Site Contact/H&S Coord: Janice Campbell	647-537-5779	Health & Safety PFD/OH-station (VIN, details): WALK DONE AFTER RAIN EVENT
Golder PM/Water Resources Engineer/PEEC: Steve Asper	289-894-8288	Antecedent Weather Conditions: AND MAJOR THAW CYCLE.
Golder Waste Services Coordinator/Local H&S Coordinator: Amy Burke	905-408-8388	Other Notables: AT NO MISADVENTURES
Golder PDS/Minor Water Resources Engineer: Terry Winbold	416-474-3800	
Golder AR O&M/Field Specialist: Nick Ozait	416-802-8601	
Golder SW Field Specialist:		

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

ES&S Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter BM Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	NORTH FENCE STARTING TO SAG. REPAIR/MAINTENANCE IS REQ'D @ THIS AREA.
Preservation of Natural Vegetation	All around site perimeter		Y	NO DISTURBANCE OR SIGNS OF DAMAGE.
Vehicle Entrance to the site			Y	MUDDY. DAILY SWEEPING IS IN PLACE. STREET SWEEPER WILL BE CALLED FOR FRIDAY WASH/CLEAN.
Stack/Pile (No s 1, 2, Working, Construction PM)			Y	INTACT NO SIGNS OF EROSION.
Interceptor Struts, including Rock Check Dams	Around Site Perimeter		Y	WITH HEAVY THAW RUNOFF OCCURRING CAUSING EROSION TO
Minor pumpout/controlled discharge Efforts			Y	MINOR PUMPING BEING DISCHARGED TO STORM OUTLETS DRAINED NATURALLY TO PONDS FOR SETTLEMENT.
Additional ES&S Measures - Temporary Sealing - Permanent Sealing - Road Stabilization - Mulching - Inlet Protection			Y	ALL AREAS STILL INTACT. NO SIGNS OF DEGRADATION OR DISTURBANCE.



Durham-York Energy Centre
72 Osborne Rd, Cowioka, 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				
EMC Measure	Time of Observation (if notable significant)	Observations	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	10:20		Y	PUMPS ARE ON TO LOWER LEVELS TO ACCOMMODATE INCOMING WATER
East SWM Pond	10:30		Y	" " "
Downstream Receiving Swat	10:35		Y	WATER WAS TURBID AND PUMPS TURNED OFF TO ALLOW FOR MORE SETTLEMENT.
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Y	Date: on TUES MARCH 12, 2013	
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	3/12/13 9:20am	Y	Not discharging	
West SWM Pond	3/12/13 9:40am	Y	Not discharging	
Downstream Receiving Swat's SW1 (US) Station	3/12/13 10:24am	Y	Sampled close to culvert. Medium flow, clear. Overcast, ~3°C Medium flow, clear, no odor.	
SW2 (DS) Station:	11:05am			
Toolay Creek SW3 (US) Station	3/12/13 11:43am	Y	Fast flow, wide width of creek increased. No odor, clear. Fast flow, no odor. Creek width increased. Water clear	
SW4 (DS) Station	11:05am			
Sign-off				
Courice Power Partners Representative/EMI	A.C. PALAK		[Signature]	
Golder Field Representative/CEP	STEVE ADGET		[Signature]	
Coventry Representative:	Tina Hadden		[Signature]	

3/18/13



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):	MAR 21/13 Time(s) of EMI: _____ Field Staff: A. CIPOLLA
Courtrace Power Partners Site Contact	Jeff Bedard	416-574-5525	(start-finish)	11:20AM - 12:09PM
Courtrace 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/CPESC	Steve Auger	289-884-9598	Antecedent Weather Conditions:	
Golder Waste Services Contact/Local H&S Coordinator	Amy Burke	905-409-9355	Other Notables:	
Golder PDI/Senior Water Resources Engineer	Terry Winhold	416-473-2800		
Golder All CEP/Field Specialist	Nick Gorski	416-802-6601		
Golder SW Field Specialists				

Section 1: EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtrace Power Partners				
E&SC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter	2 NOTED DEFICIENCIES. ① - ALONG WEST PERIMETER FENCE FLIPPING SILT FENCE ② NORTH FENCE RIPPED FENCE	Y	CREWS NOTIFIED OF ISSUES AND WILL BE ADDRESSED TODAY.
Preservation of Natural Vegetation	All around site perimeter		Y	VEGETATION IN SURROUNDING AREA 15' IN - GOOD HEALTH NO SIGN OF DISTURBANCE
Vehicular Entrance to the site		SWEEPING REQUIRED TODAY	Y	
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	NO SIGN OF MOVEMENT. PILES STILL INTACT.
Interceptor Swale, Including Rock Check Dams	Around Site Perimeter	WEST CHECK DAM IN NEED OF CLEANING	Y	SPOKE TO CREW, ISSUE WILL BE ADDRESSED TOMORROW (MAR 22)
Minor pumping/controlled discharge Efforts			Y	CONTROLLED DISCHARGE TOOK PLACE FROM PONDS ON MAR 19TH
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	NOTHING TO NOTE. ALL AREAS ARE OK.



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

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

ES&C Measures	Time of Observation (if notable / significant)	Discharges	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	11:40		Y	CONTROLLED DISCHARGES ON MAR 19 TH - PONDS ARE PUMPED LOW IN ADVANCE OF SPRING MELT
East SWM Pond	11:45		Y	" " "
Downstream Receiving Swals	11:50		Y	NO RUNNING WATER FROM PONDS OBSERVED STANDING WATER

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

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

SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)
East SWM Pond	925	Y	- 90% ice covered, clear where open
West SWM Pond	940	Y	- " "
Downstream Receiving Swals	SW1 (US) Station	1000	Y - light brown to clear, turbidity = low
	SW2 (DS) Station	1115	Y - clear, moderate flow
Downstream Creek	SW3 (US) Station	1130	Y - moderate to fast flow, low turbidity
	SW4 (DS) Station	1050	Y - moderate flow, low turbidity

Sign-off

Coutrica Power Partners Representative/ENC: A. Creola
 Golder Field Representative/CFP: D. WITHERIDGE
 Covanta Representative: _____



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 Dwaney	1-800-422-5350	Date(s): 03/28/13 Time(s) of EMI: _____ Field Staff: A. CIPOLLA
Courtice Power Partners Site Contact:	Jeff Bedard	416-574-8525	3:45 PM (start-finish)
Courtice Power Partners Alt Site Contact/H&S Coord:	Janice Campbell	647-537-3779	4:00 PM
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	Y NO MILKSNAKES @ TIME OF WALK
Golder Alt CEP/Field Specialist:	Nick Gorski	416-802-8601	* NO RAIN - WK OF THE 28 th *
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	NOTICED TORN SILT FENCE EAST PERIMETER FENCE.	Y	ALL OTHER AREAS ARE IN GOOD CONDITION.
Preservation of Natural Vegetation	All around site perimeter		Y	NOTHING TO NOTE. ALL AREAS APPEAR TO BE HEALTHY.
Vehicular Entrance to the site			Y	ENTRANCE CLEAN - CEMENTAL STREET SWEEPER ON SITE MAR 26/13
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	ALL STOCK PILES ARE HOLDING HYDASEED AS INTACT.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		Y	SWALES / CHECK DAMS ARE CLEAR. CLEANED MAR 25 th
Minor pumping/controlled discharge Efforts			N	NO PUMPING @ TIME OF WALK.
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL AREAS STILL IN PLACE. AREAS ARE HEALTHY.



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	1-800-422-6360	Date(s):	APRIL 5 TH 2016
Courice Power Partners Site Contact:	Jeff Bedard	416-574-5525	Time(s) of EMI:	7:05 - 10:00 AM
Courice Power Partners All Site Contact/HSS Coord:	Janica Campbell	847-637-3779	(start-finish)	
Golder PM/Water Resources Engineer/CPESC:	Steve Auger	289-884-0566	Health & Safety PPE/Orientation (Y/N, details):	
Golder Waste Services Contact/Local H&S Coordinator:	Amy Burke	905-409-9355	Antecedent Weather Conditions:	* NO MILKSHAKES @ TIME OF WALK
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800		
Golder Alt CEP/Field Specialist:	Nick Gorski	416-802-6801		
Golder SW Field Specialists:			Other Notables:	

Field Staff: A. CIPOLLA

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

E&S Measure	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter Silt Fencing	Strategic, Down gradient Reaches Around Site Perimeter		Y	PERIMETER FENCE INTACT, NO DEFICIENCIES @ TIME OF WALK
Preservation of Natural Vegetation	All around site perimeter		Y	ALL VEGETATION, HEALTHY PROTECTED TREES ARE STILL PROTECTED (FENCE INSTALLED)
Vehicular Entrance to the site			Y	ENTRANCE CLEAR/FREE OF MUD DEBRIS
StockPiles (No.s 1, 2, Working, Construction Fill)			Y	ALL HOLDING INTACT
Interceptor Swale, including Rock Check Dams	Around Site Perimeter		Y	CHECK DAMS CLEAR/WATER FLOW FREELY
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 ADDITIONAL MEASURES STILL IN PLACE, NOTHING TO NOTE



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courtyce Power Partners				
EEBC Measures	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	9:30		Y	WATER LEVEL LOW, APPROX 5 3FT OF WATER IN POND
East SWM Pond	9:35		Y	WATER LEVEL LOW APPROX 5FT FROM OUTFALL
Downstream Receiving Swale	9:40		Y	NO WATER RUNOFF FROM PONDS.
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. CIPOLLA	Signature:		
Golder Field Representative/CEP:	Signature:	Signature:		
Covanta Representative:	Signature:	Signature:		



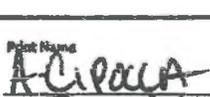
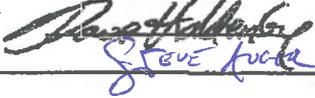
Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report
Golder Project/Task#: 12-1151-0155_4090

Project Contacts	Mobile #s	EASC Monitoring Field Observations/Logistics
Covenant Contact: Jim Delaney	1-800-422-6200	Date(s): APR 9/12 Time(s) of EMI: _____ Field Staff: A. Cipolla-
Courtes Power Partners Site Contact: Jeff Richard	416-674-5332	Start-Finish: 11:00 AM
Courtes Power Partners Alt Site Contact/HSR Coord: Jarvis Campbell	947-537-3779	Health & Safety PPE/Orientation (V/N, Details): _____
Golder PWWater Resources Engineer/CPESC: Steve Auger	226-894-0350	Antecedent Weather Conditions: NO MILLENNIUMS @ TIME OF WORK
Golder Waste Services Contact/Local H&E Coordinator: Amy Burke	905-408-6361	Other Notes: MONDAY RAIN IS SIGN OF POLLUTANT
Golder PDR/for Water Resources Engineer: Terry Winhold	416-472-3800	
Golder Alt COP/Field Specialist: Nick Bonati	416-502-6671	
Golder SW Field Specialist: _____		

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

EASC Measures	Location	Deficiencies	Photos Taken (Y/N)	Notes/Observations/Recommendations
Perimeter SB Fencing	Strategic, Down gradient Fences Around Site Perimeter		N	FENCE ALL INTACT. FENCE ALL IN GOOD ORDER NO RIPS OR TEARS
Preservation of Natural Vegetation	All around site perimeter		N	ALL VEGETATION IN GOOD ORDER. PRESERVED TREE WELL PROTECTED @ EAST SIDE OF SITE BY WASH WASH STATION.
Vehicle Entrance to the site			N	CLEAR FREE OF DEBRIS.
StockPiles (No.s 1, 2, Working, Construction Fill)			N	ALL INTACT HOLDING WELL
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		N	CLEAR OF DEBRIS/SILT. WATER RUN-OFF FLOWING WELL
Minor pumping/controlled discharge Efforts			N	PUMPING FROM STRUCTURES CONTROLLED DISCHARGE TO SWALES MIGRATING TO PONDS
Additional EASC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			N	ALL IN GOOD ORDER



Durham-York Energy Centre - Environmental Monitoring Inspection (EMI) Report				
Section 1 (continued): EMI Rpt - Sediment and Erosion Control Monitoring Inspection by Courville Power Partners				
EMIS Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	11:20		N	PUMPING @ TIME OF WALK. WATER CLEAR @ DISCHARGE.
East SWM Pond	11:25		N	
Downstream Receiving Swale	11:30		N	CLEAR DISCHARGE.
Section 2: Surface Water and/or Spill Control Response Sampling Summary Rpt by Golder Associates Ltd.				
Surface Water Sampling Performed (Y/N):		Details:		
Y		~5-8°C overcast conditions, no current precipitation		
SW Feature	Time of Inspection	Photos Taken	Notes/Observations (incl. during visit weather conditions)	
East SWM Pond	9:45 am	Y	Pond being pumped (controlled discharge) at time of sampling. Pond depth lower, foam accumulation on bank.	
West SWM Pond	10:07 am	Y	NO controlled pumping discharge. Pond level lower. foam No foam build up.	
Downstream Receiving Swale	SW1 (US) Station:	10:45 am	Y	Organic sheen noted, small bits of organic debris, clear no odour
	SW2 (DS) Station:	10:45 am 11:00 am	Y	Slow flow, organic debris, clear, no odour.
Tooley Creek	SW3 (US) Station:	11:34 am	Y	Slightly shaded, good flow, clear
	SW4 (DS) Station:	11:45 am	Y	Good flow, clear
Sign-off				
Courville Power Partners Representative/EWI	Post Name: A. Cipolla 			
Golder Field Representative/CEP:				
Covanta Representative:				



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

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

Project Contacts		
Covanta Contact:		Mobile #s
Jim Delaney		1-860-422-5350
Courtrice Power Partners Site Contact	Jeff Bedard	416-574-5525
Courtrice Power Partners AK Site Contact/H&S Coord	Janice Campbell	547-537-3779
Golder PM/Water Resources Engineer/CPEEC:	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	416-473-2800
Golder Alt CEP/Field Specialist	Nick Gorski	416-802-6601
Golder SW Field Specialists		

E&SC Monitoring Field Observations/Logistics

Date(s): 9:00 - 9:30 Time(s) of EMI: _____
 (start-finish)

Field Staff: A. CIRIELLA

Health & Safety PPE/Orientation (Y/N, details): _____
APR 10 13

Antecedent Weather Conditions: (NO MILKSNAKES @ TIME)

Other Notables: *RAIN 13.5MM ON THE 9TH OF APRIL*

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	ALL FENCE INTACT, NO DAMAGES*
Preservation of Natural Vegetation	All around site perimeter		W	ALL INTACT, NO ISSUES TO NOTE. TREE ALONG EAST PERIMETER PROTECTED.
Vehicular Entrance to the site			W	CLEAN FREE OF DEBRIS
Stock Piles (Nos 1, 2, Working, Construction Fill)			N	ALL HOLDING & INTACT.
Interceptor Swales, including Rock Check Dams	Around Site Perimeter		N	CLEAR WATER DRAINING FREELY
Minor pumping/controlled discharge Efforts			N	SOME PUMPING FROM STRUCTURES ALL MERRATING THROUGH SITE.
Additional E&SC Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			N	NOTHING TO NOTE.



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	9:10		N	PUMPING FROM PONDS, WATER DISCHARGES CLEAR
East SWM Pond	9:20		N	" " "
Downstream Receiving Swale	9:25		N	CLEAR WATER @ DISCHARGE

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

Courtrice Power Partners Representative/EMI: [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			E&S Monitoring Field Observations/Logistics	
Coveanta Contact:	Jim Delaney	1-800-422-5350	Date(s):	APRIL 15/13
Courtrice Power Partners Site Contact:	Jeff Bedard	416-574-5525	Time(s) of EMI:	10:00 - 10:45
Courtrice Power Partners All Site Contact/H&S Coord:	Janice Campbell	647-537-3779	(start-finish)	
Golder PM/Water Resources Engineer/CPESC:	Slave 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:	* FRIDAY RAIN 19.8mm of ACCUMULATION *
Golder PD/Senior Water Resources Engineer:	Terry Winhold	416-473-2800	Other Notables:	* NO MUCKSNAKES @ TIME OF WORK *
Golder All CEP/Field Specialist:	Nick Gorski	416-802-6601		
Golder SW Fivid Specialists:				

Field Staff: A. CIRCELA

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	ALL INTACT, NO ISSUES TO NOTE. FENCE AROUND PROTECTED TREE ALONG EAST RING ROAD PROTECTED.
Preservation of Natural Vegetation	All around site perimeter		Y	NOTHING TO NOTE - TREE AT EAST HEALTHY.
Vehicular Entrance to the site			Y	CLEAR OF DEBRIS - SWEEPING DAILY.
Stock Piles (No.s 1, 2, Working, Construction Fill)			Y	HOLDING WELL.
Interceptor Swales, Including Rock Check Dams	Around Site Perimeter		Y	SWALES CLEAR, WATER DRAINING FREELY
Minor pumping/controlled discharge Efforts			Y	CONTROLLED PUMPING FROM STRUCTURES WATER DRAINING FREELY THROUGH SITE.
Additional E&S Measures: - Temporary Seeding; - Permanent Seeding; - Sod Stabilization; - Mulching; - Inlet Protection.			Y	ALL HEALTHY, NOTHING TO NOTE.



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&SC Measure	Time of Observation (if notable/significant)	Deficiencies	Photos Taken (Y/N)	Notes/Observations (incl. during visit weather conditions)
West SWM Pond	10:28		Y	NO PUMPING @ TIME OF WORK PUMPS WILL BE TURNED ON SHORTLY PUMPS ARE FULL.
East SWM Pond	10:30		Y	
Downstream Receiving Swale	10:35		Y	

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: A. Cipolletta (Signature)

Golder Field Representative/CEP: Dave Haldenby (Signature) Steve Ansel (Signature)

Covanta Representative: (Signature)