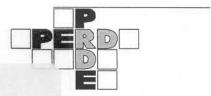
Inventory of

Landfill Gas Recovery and Utilization in Canada

December 2003

Prepared with the Support of:





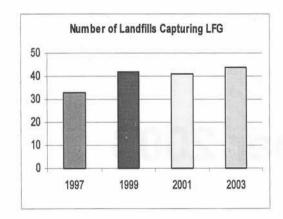
Environment Environnement Canada Canada

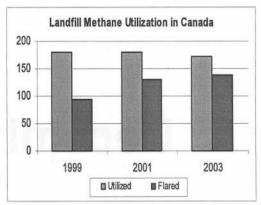
Summary

This inventory is comprised of data provided by the landfill owners and operators on the operation of their landfill gas recovery, flaring and utilization systems effective December 31, 2003. Environment Canada does not make any warranty nor assumes any legal responsibility for the accuracy of this inventory. Mention of trade names, commercial products or commercial establishments does not constitute recommendation or endorsement by Environment Canada.

For 2003, the density of landfill gas used for Inventory calculations has been changed to reflect standard temperature and pressure (STP). STP refers to a temperature of 25°C and pressure of 101.325 kPa (1 atmosphere). Previously, the density was calculated using a temperature of 0°C and a pressure of 101.325 kPa. Based on a temperature of 0°C and a pressure of 101.325 kPa, the density of methane is 0.717 kg/m³, while at STP the density of methane is 0.6557 kg/m³. To maintain consistency, these changes have also been made to the previous Inventories and they have been re-issued.

In Canada, there were 44 landfills involved in capturing landfill gas in 2003. In total, 312 kilotonnes (kt) of landfill methane (CH4) (6.56 Mt eCO2) was captured. From this total, 55% (173 kt CH4) of the captured methane was utilized at 16 sites and the remaining 45% (139 kt/year of CH4) was flared at 28 sites.



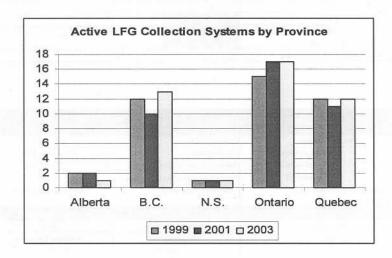


Of the 16 installations which utilized the gas, 9 facilities generated a total of 80 MW of electricity from 171 kt/year of CH₄. The other 7 facilities utilized the 12 kt/year of CH₄ for heating applications ranging from simply heating buildings, to providing fuel for a gypsum manufacturing plant, a steel refinery, a greenhouse and a recycling plant.

Inventories for the years 1997, 1999, 2001, and 2003 have now been completed. The revised total quantity of CH₄ and eCO₂ reductions for each year is outlined below:

Year	Kilotonnes/year	eCO ₂ Reduced (Mt)/year
1997	268	5.62
1999	276	5.79
2001	313	6.57
2003	312	6.56

Landfills within five Canadian provinces account for all of the LFG captured in Canada. The number of landfills capturing LFG in each of these provinces over the last three inventory years (1999, 2001, 2003) is listed below:



The following pages of the Inventory contain detailed information relating to each known landfill gas recovery system in Canada as of December 31, 2003.

Landfill:	Highway 101 Landfill	La Company	indfill Location:	Upper Sackville		The Reserve Control of the Control o	
200	Landfill Owner	LFG Site	Site Operator		Landfill Information		
5	ovince of Nova Scotia		Halifax Regional Municipality			November 1977	
Contact:	Jim Bauld		obert Orr	Closing Date:		December 1996	
Phone:	(902) 490-6606	Phone (9	02) 490-6698	Waste in Place (N	fillion Tonnes):	4 (closed)	
Fax:	(902) 490-6690	Fax: N	Α	Waste Capacity (I	Million Tonnes):	4	
bauldj@region.l	nalifax.ns.ca	orm@region.halifax.ns.ca		Leachate Recircu	lation:	Yes	
www.halifax.ca/	wrms/	www.halifax.ca/wrms/					
	LF	G Collection	500.00 ES		LFG	· · · · · · · · · · · · · · · · · · ·	
Gas Collection	System Installation:	19	94	Methane	Content	40%	
Number of Horiz	contal Wells:		0	LFG Captured		Methane Captured	
Number of Verti	cal Wells:	2	2		25 cfm	10 cfm	
Gas Treatment:		Condens	sate traps	1.0	019 m ³ /day	408 m ³ /day	
Type of Flare (C	pen or Enclosed):	Oi	pen	372,	085 m³/year	98 tonnes/year	
379	AND THE RESERVE OF THE PERSON	Flared		Utilized			
	LFG	Methane		LFG		Methane	
	25 cfm	10 cf	n		0 cfm	0 cfm	
	1,019 m³/day	408 m	/day	THE CLASS OF	0 m ³ /day	0 m ³ /day	
372	2,085 m ³ /year	148,834 m	3/year		0 m ³ /year	0 m³/year	
Electricity Prod	luction (MW):	N	/A	Heat Production	(BTU/yr):	N/A	
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:		N/A	
Contact:	N/A	N	/A	Website:		N/A	
e CO₂ Reduced (t/yr):		2,0	049	- 88 - NAT		wells. System operates intermittently.	
An	nual CO ₂ Equivalents		457 Cars 118 Houses		needs maintenance	e and upgrade. Upgrade planned with Private contractor.	
Other:	22 Wells spaced at 50 meter	s and gas collection layer in final ce	lls (10 hectares)		m		

andfill:	Cook Landfill	Lai	ndfill Location:	1050 chemin Cook, Aylmer		
ere constitu	Landfill Owner	LFG Site (Operator	Landfill Information		
	Ville de Gatineau	Ville de 0	Satineau	Opening Date	July 1975	
Contact:	Larry Gangur	Contact: Da	niel Laviolette	Closing Date	December 1991	
Phone:	(819) 595-4081	Phone (81	9) 663-5585 ext. 266	Waste in Place (Million Tonnes):	1.58 (closed)	
Fax:	(819) 770-8479	Fax: (81	9) 663-0192	Waste Capacity (Million Tonnes):	1.58	
gangur.lawrenc	e@ville.gatineau.qc.ca	laviolette.daniel@ville.gatir	neau.qc.ca	Leachate Recirculation:	Chemical treatment	
www.ville.gatine	eau.qc.ca	www.ville.gatineau.qc,ca				
	L	FG Collection	ala Establica de la companya della companya della companya de la companya della c	(2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	LFG	
Gas Collection	System Installation:	April	1994	Methane Content	51%	
Number of Hori	zontal Wells:	N/	A	LFG Captured	Methane Captured	
Number of Vert	ical Wells:	33	36	177 cfm	90 cfm	
Gas Treatment	5 .	Condens	ate trap	7,217 m ³ /day	3,681 m ³ /day	
Type of Flare (0	Open or Enclosed):	N/	A .	2,634,363 m ³ /year	881 tonnes/year	
4450	a BORDANIA BARANGA BAR	Flared	SOLFIER SE	U CONTRACTO DE CON	tilized	
	LFG	Meth	ane	LFG	Methane	
177 cfm			90 cfm		0 cfm	
	7,217 m ³ /day	3,681 m ³ /		0 m ³ /day	0 m ³ /day	
2,63	4,363 m³/year	1,343,525 m ³ /	year	0 m ³ /year	0 m³/year	
Electricity Pro	duction (MW):	N/	A	Heat Production (BTU/yr):	N/A	
Power Producti	on: N/A	Buyer of Electricity:	N/A	End User:	N/A	
Contact:	N/A	N/	Α	Website:	N/A	
CO ₂ Reduced	d (t/yr):	18,5	00		***************************************	
Annual CO ₂ Equivalents		STATE OF THE PARTY	4,129 Cars 1,069 Houses			

Landfill:	CESM	MINORAL EL	andfill Location:	Montréal	Marian	
ent contract for	Landfill Owner	LFG Site	Operator	Landfill Information		
	Ville de Montreal	CE	SM	Opening Date:	ELECTRIC CONTRACTOR CO	1968
Contact:	Marcel Caron	Contact: S	ylvain Leroux ing.	Closing Date:		2005
Phone:	(514) 872-1264	Phone (5	14) 872-7688	Waste in Place (Million T	onnes):	32 (2001)
ax:	(514) 872-9571	Fax: N	/A	Waste Capacity (Million	Tonnes):	33
Mcaron_2@ville	e.montreal.qc.ca	sleroux@ville.montreal.qo	c.ca	Leachate Recirculation:		N/A
ville.montreal.qu	o.ca					
	LFC	Collection		rafallings Par	LFG	
Gas Collection	System Installation:	19	988	Methane Cont	ent	38%
Number of Horiz	zontal Wells:	N	V/A	LFG Capture	d	Methane Captured
Number of Verti	cal Wells:	362		13,194 cfr	m	4,948 cfm
Gas Treatment:		Condensate trap		538,005 m	005 m ³ /day 201,752 m ³ /day	
Type of Flare (C	Open or Enclosed):	40	Open	196,371,643 m³/year		48,285 tonnes/year
Association .	4 Car 85	Flared		Utilized		
	LFG	Met	thane	LFG		Methane
15	3,694 cfm 0,628 m ³ /day 9,297 m ³ /year	1,385 cf 56,486 m 20,617,237 m	³ /day	9,500 cfi 387,376 m 141,392,346 m	³ /day 1	3,563 cfm 145,266 m ³ /day 022,130 m ³ /year
Electricity Pro	duction (MW):	1888	16	Heat Production (BTU/)	/r):	N/A
Power Production	on: Steam turbines	Buyer of Electricity:	Gazmont	End User:		N/A
Contact:	Sylvain Landry	l N	V/A	Website:		N/A
e CO ₂ Reduced (t/yr):		1,01	13,992	1946	360 V	Wells in use.
А	nnual CO₂ Equivalents		226,337 Cars 58,612 Houses			
Other:	No residential waste		discinsial and the second seco			

Landfill:	RIEDSBM	La	dfill Location:	Cowansville		
40.0524	Landfill Owner	LFG Site (Operator	Landfill Information		
	RIEDSBM	RIED	SBM	Opening Date	1978	
Contact:	Caroline Lasnier	. Contact: Ca	roline Lasnier	Closing Date	N/A	
Phone:	(450) 263-2351	Phone (45	0) 263-2351	Waste in Place (Million Tonnes):	1.3	
Fax:	(450) 263-4977	Fax: (45	0) 263-4977	Waste Capacity (Million Tonnes):	3.5	
riedsbm@qc.aira	a.com	riedsbm@qc.aira.com		Leachate Recirculation:	N/A	
1025	som 2 English L	FG Collection	eli spraga zarva	Assertion the Control of LFC		
Gas Collection S	System Installation:	199	99	Methane Content	52%	
Number of Horiz	ontal Wells:	N/	A	LFG Captured	Methane Captured	
Number of Vertic	cal Wells:	10	3	247 cfm	128 cfm	
Gas Treatment:		No	ne	10,072 m ³ /day	5,237 m3/day	
Type of Flare (O	pen or Enclosed):	Op	en	3,676,201 m³/year	1,253 tonnes/year	
	Apply a transferred problem of	Flared	av. and the contract of	Utilized Utilized		
	LFG	Meth	ane	LFG	Methane	
247 cfm		128 cfn		0 cfm	0 cfm	
1	0,072 m ³ /day	5,237 m ³	day	0 m ³ /day	0 m ³ /day	
3,67	6,201 m ³ /year	1,911,625 m ³	year	0 m³/year	0 m³/year	
Electricity Prod	luction (MW):	N/	A	Heat Production (BTU/yr):	N/A	
Power Production	n: N/A	Buyer of Electricity:	N/A	End User:	N/A	
Contact:	N/A	N/	A	Website:	N/A	
e CO ₂ Reduced	(t/yr):	26,3	122			
Annual CO₂ Equivalents		5,876 Ca 1,522 Ho		Comments:		

Landfill:	La Compagnie Meloche	Inc.	indfill Location:	Kirkland	26	2 - 3
0.000	Landfill Owner	LFG Site	Operator	rai fera : small	formation	
La C Contact: Phone: Fax: michelmeloche@	ompagnie Meloche Inc. Michel Meloche (514) 695-3395 (514) 695-2316 Photmail.com	Contact: De Phone (5	Phone (514) 426-3890		Opening Date: Closing Date: Waste in Place (Million Tonnes): Waste Capacity (Million Tonnes): Leachate Recirculation:	
	LFC	G Callection	(数) 特特数	NE PARTIES	L	FG
Gas Collection S	ystem Installation:	1985 and re	ebuilt in 1997	Methane Co	ontent	50%
Number of Horiz	ontal Wells:	1	/A	LFG Captured		Methane Captured
Number of Vertic	cal Wells:		34	490) cfm	245 cfm
Gas Treatment:		Moisture and pa	articulate removal	19,980 m ³ /day		9,990 m ³ /day
Type of Flare (O	pen or Enclosed):	2.0	pen	7,292,868 m³/year		2,391 tonnes/year
opininemos visionis	超型 极	Flared		Utilized		
	LFG	Methane		LFG		Methane
	0 cfm 0 m ³ /day 0 m ³ /year	28 11	m ³ /day ³ /year) cfm) m ³ /day 3 m ³ /year	245 cfm 9,990 m ³ /day 3,646,434 m ³ /year
Electricity Prod	uction (MW):	1	.6	Heat Production (B	TU/yr):	N/A
Power Productio	n: Hydro-Québec	Buyer of Electricity:	N/A	End User:		N/A
Contact:	N/A	N	/A	Website;		N/A
e CO ₂ Reduced	(t/yr):	50,	210	TOTAL STREET		84 Wells in use
Ani	nual CO ₂ Equivalents	11,208 C 2,902 H		Comments:		
Other:	Reciprocating engines (800 l	(M each)			-	

Landfill:	Mirabel		Landfill Location:	Lachute	THE SHARE SELECTION OF THE SECOND SEC
100000000000000000000000000000000000000	Landfill Owner	LFG S	ite Operator	Land	III Information
	RIADM		RIADM	Opening Date	1976
Contact:	Pierre Gionet	Contact:	Joseph Nadim	Closing Date	2004
Phone:	(450) 562-0778	Phone	(450) 562-0778	Waste in Place (Million Tonnes)	3.4
Fax:	(450) 562-8482	Fax:	(450) 562-8482	Waste Capacity (Million Tonnes): 2.2
pierre.gionet@riad	m.ca	joseph.nadim@riadm.	ca	Leachate Recirculation:	N/A
www.riadm.ca		www.riadm.ca			
	Edward Co.	FG Collection	MARK SWILL ST		LFG
Gas Collection Sys	stem Installation:	1997 and	expanded 1998	Methane Content	50%
Number of Horizon	tal Wells:		10	LFG Captured	Methane Captured
Number of Vertical	Wells:		13	2,000 cfm	1,000 cfm
Gas Treatment:		Cond	lensate traps	81,553 m ³ /day	40,776 m ³ /day
Type of Flare (Ope	n or Enclosed):		N/A	29,766,810 m ³ /year	9,759 tonnes/year
A September of the	机 医基环性 1 5	Flared		Utilized	
	LFG		Methane	LFG	Methane
	00 cfm	1,000		0 cfm	0 cfm
	53 m³/day	40,776	m³/day	0 m ³ /day	0 m ³ /day
29,766,8	10 m³/year	14,883,405	m³/year	0 m ³ /year	0 m³/year
Electricity Produc	tion (MW):	36#	N/A	Heat Production (BTU/yr):	N/A
Power Production:	N/A	Buyer of Electricity:	N/A	End User:	N/A
Contact:	N/A		N/A	Website:	N/A
e CO ₂ Reduced (t/yr): Annual CO ₂ Equivalents			204,940		Water in wells
		45,746	Cars	Comments:	
Ailliu	ui ooz Equivalento	11,846	Houses		
Other:	Main header pipe replaced	, expansion which will operate to	2050 planned		

Landfill: S	herbrooke	September 1	Landfill Location:	Sherbrooke	ACTION SHOULD BE	
Land	fill Owner	E MEAN LFG:	Site Operator	Landfill Information		
Ville de	Sherbrooke	Ville	de Sherbrooke	Opening Date:	1954	
Contact: G	uy Labbé	Contact:	Odile Goulet	Closing Date:	unknown	
Phone: 8	19-821-5798	Phone	(819) 823-5175	Waste in Place (Million Tonnes):	2.36	
Fax: (8	319) 822-6070	Fax:	N/A	Waste Capacity (Million Tonnes):	2.24	
guy.labbe@ville.sherbro	ooke.qc.ca	odile.goulet@ville.she	erbrooke.qc.ca	Leachate Recirculation:	Partial treatment	
www.ville.sherbrooke.q	c.ca	www.ville.sherbrooke	.qc.ca			
法产	L	FG Collection	-346	LF	G 经销售基础	
Gas Collection System	Installation:		1999	Methane Content	37%	
Number of Horizontal V	Vells:		0	LFG Captured	Methane Captured	
Number of Vertical Wel	ls:		50	750 cfm	274 cfm	
Gas Treatment:			N/A	30,582 m³/day	11,163 m ³ /day	
Type of Flare (Open or	Enclosed):		Enclosed	11,162,554 m ³ /year	2,672 tonnes/year	
Manager 19	AND THE PARTY OF T	Flared	324E 3327E	Utilized		
	LFG		Methane	LFG	Methane	
750 c	fm	27	4 cfm	0 cfm	0 cfm	
30,582 m	n ³ /day	11,16	3 m ³ /day	0 m ³ /day	0 m ³ /day	
11,162,554 m	n³/year	4,074,33	2 m³/year	0 m³/year	0 m³/year	
Electricity Production	(MW):		N/A	Heat Production (BTU/yr):	N/A	
Power Production:	N/A	Buyer of Electricity:	N/A	End User:	N/A	
Contact:	N/A		N/A	Website:	N/A	
e CO ₂ Reduced (t/yr):	EFFECT TO SEE		56,102	1000000		
Annual C	O₂ Equivalents	12,52	3 Cars	Comments:		
Annual C	O2 Equivalents	3,24	3 Houses	Children and Children		
Other: N	lew wells to be built in 20	04				

Landfill: Ste	e-Cécile-de-Milton	-0.81.20 (E.)	Landfill Location:	Ste-Cécile-de-Milton	1946	The water was
Landf	ill Owner	LFG SI	te Operator	Landfill Information		
Roland 7	Thibault Inc.	Roland	Thibault Inc.	Opening Date		1954
Contact: Pie	erre Parent	Contact:	Pierre Parent	Closing Date		2025
Phone: (45	50) 372-2399	Phone	(450) 372-2399	Waste in Place (Million	Tonnes):	1.5 (1999)
Fax: (45	50) 372-2287	Fax:	(450) 372-2287	Waste Capacity (Million	Tonnes):	4
rolandthibault@qc.aira.c	com	rolandthibault@qc.aira.	com	Leachate Recirculation		Yes
None		None	Andrew Commission of the Commi			
4700	L	G Collection	可业/完全条件	開東 並 口受性	LFG	ACCEPTANTE WILLIAM
Gas Collection System I	nstallation:		1976	Methane Con	tent	56%
Number of Horizontal We	ells:		0	LFG Captur	ed	Methane Captured
Number of Vertical Wells	S:		9	233 0	2000	130 cfm
Gas Treatment:			None	9,501 n	60.1(3)	5,321 m3/day
Type of Flare (Open or E	Enclosed):		N/A		n ³ /year	1,273 tonnes/year
200 m		Flared		25k (45k)	Utilize	d d
	LFG	M	Methane			Methane
186 cfr	m	104	cfm	47 0	25.50	26 cfm
7,584 m ³	³ /day		m ³ /day	1,916 m ³ /day		1,073 m ³ /day
2,768,313 m ³	³/year	1,550,255	m ³ /year	699,520 m ³ /year		391,731 m ³ /year
Electricity Production	(MW):		N/A	Heat Production (BTL	l/yr):	N/A
Power Production:	N/A	Buyer of Electricity:	N/A	End User:	IV.	Roland Thibault Inc.
Contact:	N/A		N/A	Website:		N/A
e CO ₂ Reduced (t/yr):	SER SER	2	26,741	Comments:		
Annual CC	O₂ Equivalents	5,969	Cars	三十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二		
Amidaroc	oz Equitationio	1,546	Houses	被推荐		
Other: Or	n site heating and hot wat	ter at Roland Thibault Inc.				

Landfill:	Bestan inc.	10 00年夏島原始 8	Landfill Location:	Magog	(September 1997)	\$250 BANTON \$200 A	
	Landfill Owner	LFG	Site Operator	N MERCHANISM COM	Landfill Information		
	Waste Management		Bestan inc.	Opening Date:		1970	
Contact:	Daniel Brien	Contact:	Daniel Brien	Closing Date:		August 2005	
Phone:	(819) 843-9522	Phone	(819) 843-9522	Waste in Place (Millio	on Tonnes):	2.27	
Fax:	(819) 847-3597	Fax:	N/A	Waste Capacity (Milli	on Tonnes):	2.3	
dbrien@wm.cor	m	dbrien@wm.com		Leachate Recirculation	on:	N/A	
www.intersan.q	c.ca	www.intersan.qc.ca					
		FG Collection	TT 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		LFC	3	
Gas Collection	System Installation:		1994	Methane Co	ontent	50%	
Number of Hori:	zontal Wells:		N/A	LFG Captured Methane C		Methane Captured	
Number of Verti	cal Wells:		N/A		118 cfm 59 c		
Gas Treatment:			N/A	4,812 m ³ /day		2,406 m ³ /day	
Type of Flare (C	open or Enclosed):	En	closed/open			576 tonnes/year	
(SER	A CONTRACTOR OF THE CONTRACTOR	Flared	Flared		Utilized		
	LFG		Methane	LFG		Methane	
	118 cfm	5	9 cfm	0	cfm	0 cfm	
	4,812 m³/day	2,40	4 m ³ /day	0	m ³ /day	0 m ³ /day	
1,756	3,242 m ³ /year	877,59	4 m ³ /year	0	m³/year	0 m³/year	
Electricity Prod			N/A	Heat Production (BTU/yr): 1.		1.6 (million BTU)	
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:		N/A	
Contact:	N/A		N/A	Website:	Website: N/A		
e CO ₂ Reduced (t/yr): Annual CO ₂ Equivalents			12,091			res and 1 small enclosed flare. Small	
		4.75	2,699 Cars 699 Houses		amount of gas used for heating of maintenance gara (4 x 400,000 BTU heating units)		
Other:	Expansion plan in progress	s, active extraction system, biore	actor			ATT THE PERSON NAMED IN	

Landfill:	Intersan (L.E.S. Saint	t-Nicéphore)	Landfill Location:	Saint-Nicéphore		200 (A. 1946)
47325	Landfill Owner	LFG	Site Operator	Official Transport	Landfill In	formation
	Waste Management		Intersan	Opening Date		1984
Contact:	Daniel Brien	Contact:	Daniel Brien	Closing Date		2010
Phone:	(819) 477-5714	Phone	(819) 477-5714	Waste in Place (Million Tonnes):		7.26
Fax:	(819) 477-2146	Fax:	(819) 477-2146	Waste Capacity (M	lillion Tonnes):	10.8
dbrien@wm.co	m	dbrien@wm.com		Leachate Recircula	ation:	Yes
www.intersan.c	c.ca	www.intersan.qc.ca				
SERVICE SERVIC	STORY HETEROEVER BEING	FG Collection	13/1 (HD)/89/2		LF	G AMADE I
	System Installation:	Sep	tember 1996	Methane	Content	53%
Number of Hon	zontal Wells:		34	LFG Ca	ptured	Methane Captured
Number of Ver	ical Wells:		51	2,5	00 cfm	1,325 cfm
Gas Treatment	St Service (A)		N/A	101,941 m ³ /day		54,029 m ³ /day
Type of Flare (Open or Enclosed):		N/A	37,208,512 m ³ /year		12,931 tonnes/year
	- 012161/K	Flared			Util	zed
	LFG		Methane	LFG		Methane
	2,500 cfm	1,32	5 cfm	- 3	0 cfm	0 cfm
	1,941 m ³ /day		9 m ³ /day		0 m ³ /day	0 m³/day
37,20	8,512 m ³ /year	19,720,51	1 m³/year		0 m³/year	0 m³/year
	duction (MW):		N/A	Heat Production (BTU/yr);	N/A
Power Producti	on: N/A	Buyer of Electricity:	N/A	End User:		N/A
Contact:	N/A		N/A	Website:		N/A
e CO ₂ Reduced (t/yr): Annual CO ₂ Equivalents			271,546	Non-market social	Plan to ins	tall additionnal horizontal collectors
			3 Cars 6 Houses	Comments:		

Landfill: L.E.T. Sainte-Sophie		The second secon	andfill Location:	Sainte-Sophie		
3.23	Landfill Owner	LFG Site	Operator	Landfill Information		
	Waste Management	Inte	ersan	Opening Date:	1964	
Contact:	Daniel Brien	Contact: Di	aniel Brien	Closing Date:	2015	
Phone:	(450) 438-5604	Phone (4	50) 438-5604	Waste in Place (Million Tonnes):	8.58	
Fax:	(450) 438-4342	Fax: N	/A	Waste Capacity (Million Tonnes):	13.5	
dbrien@wm.cor	n	dbrien@wm.com		Leachate Recirculation:	Yes	
www.intersan.q	c.ca	www.intersan.qc,ca				
a Colores (SE)	MERCE CONTRACTOR	FG Collection	3/40		LFG	
Gas Collection	System Installation:	19	995	Methane Content	50%	
Number of Horiz	zontal Wells:		54	LFG Captured	Methane Captured	
Number of Verti	cal Wells:	- 3	77	3,703 cfm	1,852 cfm	
Gas Treatment:		N	one	150,995 m ³ /day	75,498 m ³ /day	
Type of Flare (C	open or Enclosed):	2 En	closed	55,113,248 m³/year	18,069 tonnes/year	
adiang EVA		Flared		Utilized		
	LFG	Met	hane	LFG	Methane	
3,703 cfm		1,852 cf	m	0 cfm	0 cfm	
150),995 m³/day	75,498 m	³ /day	0 m³/day	0 m ³ /day	
55,113	3,248 m ³ /year	27,556,624 m	³ /year	0 m³/year	0 m³/year	
Electricity Prod	duction (MW):	N	I/A	Heat Production (BTU/yr);	N/A	
Power Production	on: N/A	Buyer of Electricity:	N/A	End User.	N/A	
Contact:	N/A	N	I/A	Website:	N/A	
e CO ₂ Reduced	l (t/yr):	379	,446			
An	unual CO. Equivalents	84,698 C	ars	Comments:		
Annual CO ₂ Equivalents		21.933 H	ouses	Interesting to the second		

Landfill Owner				
	LFG Si	ite Operator		andfill Information
ng-Ferris Industries Ltd.	BFI Usine de t	BFI Usine de triage Lachenaie Ltd. Opening Date		1968
Jean-Marc Viau	Contact:	Jean-Marc Viau	Closing Date	2004
(450) 474-2423	Phone	(450) 474-2423	Waste in Place (Million Ton	ines): 9.7
(450) 474-1871	Fax:	(450) 474-1871	Waste Capacity (Million To	nnes): 10.8
	N/A		Leachate Recirculation:	Yes
m	www.bficanada.com			
LFC	G Collection			LFG
stem Installation:		1994	Methane Content	55%
ntal Wells:		0	LFG Captured	Methane Captured
l Wells:		250	5,500 cfm	3,025 cfm
	Cond	lensate trap	224,270 m ³ /d	ay 123,349 m ³ /day
en or Enclosed):	2.5	Endosed	81,858,727 m ³ /y	ear 29,521 tonnes/year
	Flared			Utilized
LFG	M	lethane	LFG	Methane
00 cfm	2,200	cfm	1,500 cfm	825 cfm
06 m ³ /day	89,708	m ³ /day	61,165 m ³ /d	ay 33,641 m³/day
19 m³/year	32,743,491	m³/year	22,325,107 m ³ /y	ear 12,278,809 m³/year
ction (MW):		4	Heat Production (BTU/yr)	: N/A
4 Engines	Buyer of Electricity:	Hydro-Québec	End User:	N/A
N/A	www.hyd	droquebec.com	Website:	N/A
dyr):	6	19,944		
ual CO₂ Equivalents		138,380 Cars		
The same of the sa	(450) 474-2423 (450) 474-1871 Imm LFI stem Installation: Ital Wells: It Wells: In or Enclosed): LFG In or Enclosed In or Enclosed LFG In or Enclosed In or Enclosed In or Enclosed LFG In or Enclosed In or En	(450) 474-2423 Phone (450) 474-1871 Fax: N/A www.bficanada.com LFG Collection stem Installation: ntal Wells: If Wells: Cond en or Enclosed): Flared LFG M 00 cfm 2,200 06 m³/day 89,708 32,743,491 ction (MW): 19 m³/year 32,743,491 ction (MW): 10 4 Engines Buyer of Electricity: N/A www.hyc. 10 138,380	(450) 474-2423 (450) 474-1871 Fax: (450) 474-1871 N/A www.bficanada.com LFG Collection stem installation: ntal Wells: 0 if Wells: 250 Condensate trap an or Enclosed): Flared LFG Methane 00 cfm 2,200 cfm 06 m³/day 89,708 m³/day 19 m³/year 32,743,491 m³/year ction (MW): 4 Engines Buyer of Electricity: Hydro-Québec Wyr): 619,944	(450) 474-2423 Phone (450) 474-2423 Waste in Place (Million Tor Waste Capacity (Million Tor N/A Leachate Recirculation: Leachate Recirculati

Fax: (450) 836-1145		
Contact: Luc Turcotte Closing Date: Phone: (450) 836-8111 Phone 1-800-486-0225 Waste in Place (Million Tonnes): Fax: (450) 836-1145 Fax: N/A Waste Capacity (Million Tonnes): turcotte@groupe-ebi.com turcotte@groupe-ebi.com Leachate Recirculation: www.groupe-ebi.com www.groupe-ebi.com Leachate Recirculation: LFG Collection LFG Sas Collection System Installation: 1999 Methane Content Number of Horizontal Wells: N/A LFG Captured Number of Vertical Wells: 180 2,400 cfm Gas Treatment: Water removal 97,863 m³/day 4 Type of Flare (Open or Enclosed): Open 35,720,172 m³/year	on a second	
Phone: (450) 836-8111 Phone 1-800-486-0225 Waste in Place (Million Tonnes): Fax: (450) 836-1145 Fax: N/A Waste Capacity (Million Tonnes): Iturcotte@groupe-ebi.com Iturcotte@groupe-ebi.com Leachate Recirculation: www.groupe-ebi.com LFG LFG Collection Sas Collection System Installation: 1999 Methane Content Number of Horizontal Wells: N/A LFG Captured Number of Vertical Wells: 180 2,400 cfm Gas Treatment: Water removal 97,863 m³/day 4 Type of Flare (Open or Enclosed): Open 35,720,172 m³/year	1978	
Fax: (450) 836-1145	2005	
turcotte@groupe-ebi.com Iturcotte@groupe-ebi.com Leachate Recirculation: www.groupe-ebi.com LFG Collection LFG Gas Collection System Installation: 1999 Methane Content Number of Horizontal Wells: N/A LFG Captured Number of Vertical Wells: 180 2,400 cfm Gas Treatment: Water removal 97,863 m³/day 4 Type of Flare (Open or Enclosed): Open 35,720,172 m³/year	6.6	
Www.groupe-ebi.com Www.groupe-ebi.com LFG	8.2	
LFG Collection	N/A	
Gas Collection System Installation: 1999 Methane Content Number of Horizontal Wells: N/A LFG Captured Number of Vertical Wells: 180 2,400 cfm Gas Treatment: Water removal 97,863 m³/day 4 Type of Flare (Open or Enclosed): Open 35,720,172 m³/year		
Number of Horizontal Wells: N/A LFG Captured Number of Vertical Wells: 180 2,400 cfm Gas Treatment: Water removal 97,863 m³/day 4 Type of Flare (Open or Enclosed): Open 35,720,172 m³/year		
Number of Vertical Wells: 180 2,400 cfm Gas Treatment: Water removal 97,863 m³/day 4 Type of Flare (Open or Enclosed): Open 35,720,172 m³/year	42%	
Gas Treatment: Water removal 97,863 m³/day 4 Type of Flare (Open or Enclosed): Open 35,720,172 m³/year	Methane Captured	
Type of Flare (Open or Enclosed): Open 35,720,172 m³/year	1,008 cfm	
	1,103 m ³ /day	
Flared Utilized	9,837 tonnes/year	
LFG Methane LFG	Methane	
2,400 cfm 1,008 cfm 0 cfm	0 cfm	
97,863 m³/day	0 m³/day 0 m³/year	
35,720,172 m³/year 15,002,472 m³/year 0 m³/year		
Electricity Production (MW): N/A Heat Production (BTU/yr):	N/A	
Power Production: N/A Buyer of Electricity: N/A End User:	N/A	
Contact: N/A N/A Website:	N/A	
e CO ₂ Reduced (<i>Uyr</i>): 206,580	451117	
Annual CO ₂ Equivalents 46,112 Cars Comments; 11,941 Houses		
Other:		

Landfill:	Carp Rd.	La La	ndfill Location:	Ottawa				
Landfill Owner		Landfill Owner LFG Site Operator		Landfill Inf	ormation			
Ca	nadian Waste Services	Canadia	n Waste	Opening Date	1970			
Contact:	Remi Godin	Contact: Re	mi Godin	Closing Date	2010			
Phone:	613 831-5363 x406	Phone 61:	3 831-5363 x406	Waste in Place (Million Tonnes):	4.8			
Fax:	613 831-8928	Fax: 61:	3 831-8928	Waste Capacity (Million Tonnes):	6			
rgodin@wm.cor	n	rgodin@wm.com		Leachate Recirculation:	N/A			
www.wm.com		www.wm.com		The state of the s				
Olifa	LF	G Collection	18 May 18	THE PARTY OF THE P	G. Charles and the second			
Gas Collection	System Installation;	March	2001	Methane Content	60%			
Number of Hori:	zontal Wells:	N/	A	LFG Captured	Methane Captured			
Number of Verti	ical Wells:	34		800 cfm	480 cfm			
Gas Treatment:		Condens	ation trap	32,621 m ³ /day	19,573 m ³ /day			
Type of Flare (C	Open or Enclosed):	John Zink en	John Zink enclosed 7'x40'		4,684 tonnes/year			
100		Flared	143 July 1975	Utili	zed III.			
	LFG	Meth	ane	LFG	Methane			
	800 cfm	480 cfn		0 cfm	0 cfm			
3:	2,621 m³/day	19,573 m ³	/day	0 m ³ /day	0 m ³ /day			
11,90	6,724 m ³ /year	7,144,034 m ³		7,144,034 m³/year 0 m³/year		7,144,034 m ³ /year	0 m³/year	0 m ³ /year
Electricity Prod	duction (MW):	N/	A	Heat Production (BTU/yr):	N/A			
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:	N/A			
Contact:	N/A	N/	A	Website:	N/A			
e CO ₂ Reduced	i (t/yr):	98,	371					
Annual CO₂ Equivalents		21,958 Ca 5,686 Ho		Comments:				

Landfill:	Keele Valley (Vaughan)	生产的	Landfill Location:	Vaughan		州 海南南州省州市
77 (244) 6544	Landfill Owner	LFG	Site Operator	Landfill Information		
	City of Toronto	Cit	y of Toronto	Opening Date:		1983
Contact:	Lou Ciardullo	Contact:	Lou Ciardullo	Closing Date:		2002
Phone:	(905) 832-0682 ext. 235	Phone	(905) 832-0682 ext. 235	Waste in Place (Millio	on Tonnes):	27
Fax:	(905) 832-4944	Fax:	N/A	Waste Capacity (Milli	ion Tonnes):	27
cardhu@toronto.	ca	lcardhu@toronto.ca		Leachate Recirculation	on:	No
www.toronto.ca	20	www.toronto.ca		A 11 11 11 11 11 11 11 11 11 11 11 11 11	001554	V-000
10000	LFG	Collection			ii u	FG
Gas Collection S	stem Installation:		1987	Methane Co	ontent	47%
Number of Horizo	ontal Wells;		50	LFG Captured		Methane Captured
Number of Vertic	al Wells:		55	15,100	cfm	7,097 cfm
Gas Treatment:		Con	densate traps	615,724	615,724 m ³ /day 289,39	
Type of Flare (Or	en or Enclosed):		4 Enclosed	224,739,413	3 m³/year	69,260 tonnes/year
	10 C	Flared		Thursday .	Util	lized
	LFG		Methane			Methane
	800 cfm		6 cfm	14,300		6,721 cfm
32,	621 m³/day		2 m ³ /day		3 m³/day	274,059 m³/day
11,906,	724 m³/year	5,596,16	0 m³/year	212,832,689	9 m³/year	100,031,364 m ³ /year
Electricity Produ	uction (MW):		33	Heat Production (B	TU/yr):	N/A
Power Production	n: Steam turbine	Buyer of Electricity:	Hydro One	End User.		N/A
Contact:	N/A		N/A	Website:		N/A
e CO ₂ Reduced	(t/yr):		1,454,459	74V - 314V		N/A
Ann	ual CO₂ Equivalents		324,656 Cars 84,073 Houses			
Other:	Fastern Power Limited owns a	nd operates power plant at a	ite. Power purchase agreement	with Hydro One. Royalty ac	greement with City	y of Toronto.

Landfill:	Waterloo Landfill	3,941,	Landfill Location:	City of Waterloo			
i i katen	Landfill Owner	LFG:	LFG Site Operator		Landfill Information		
R	egion of Waterloo	Regio	on of Waterloo	Opening Date		1972	
Contact:	Jim Archibald	Contact:	Dave McCaughan	Closing Date		2026+	
Phone:	(519) 575-4774	Phone	(519) 883-5150 x 242	Waste in Place (Mill	lion Tonnes):	6.5	
Fax:	(519) 575-4452	Fax:	(519) 747-4944	Waste Capacity (Mi	illion Tonnes):	12	
ajames@region.w	vaterloo.on.ca	mdave@region.water	loo.on.ca	Leachate Recirculat	tion:	No	
www.region.water	too.on.ca	www.region.waterloo.	on.ca				
	LECTURE LECTUR	G Collection	(資格) - 2番目を		Toler III	FG	
Gas Collection Sy	stem Installation:		1995	Methane C	Content	50%	
Number of Horizo	ntal Wells:		2	LFG Captured		Methane Captured	
Number of Vertica	al Wells:		103	1,450 cfm		718 cfm	
Gas Treatment:		Yes - moisture	& particulates removed	59,126 m ³ /day		29,267 m ³ /day	
Type of Flare (Op	en or Enclosed):	MITTER CAMPAGEMENT	enclosed	21,580,937 m ³ /year		7,005 tonnes/year	
		Flared			Uti	lized	
	LFG		Methane	LFG	3	Methane	
	0 cfm		0 cfm	1,12,23,23	50 cfm	718 cfm	
	0 m ³ /day		0 m ³ /day	59,12	26 m³/day	29,267 m ³ /day	
	0 m ³ /year		0 m ³ /year	21,580,93	37 m³/year	10,682,564 m ³ /year	
Electricity Produ	iction (MW):	4.	625 (max.)	Heat Production (I	BTU/yr):	0	
Power Production	: 5 engines	Buyer of Electricity:	Ontario Power Generation	End User:	77 - 77	N/A	
Contact:	TOROMONT	TO	OROMONT	Website:		N/A	
e CO ₂ Reduced (t/yr):		147,096	No. of the last			
Ann	ual CO ₂ Equivalents	32,83	4 Cars	Comments:			
Ann	uai 002 Equivalents	8,50	3 Houses	435			
Other:	103 vertical & 2 horizontal wi	th temp, connections					

Landfili:	East Quarry Landfill	La	Landfill Location:		Niagara Falls (Thorold)			
	Landfill Owner	LFG Site	Operator	Care 1 1 (1997)	Landfill Ir	formation		
Ni	iagara Waste Systems	Integrated Gas Red	covery Services Inc.	Opening Date:		1981		
Contact:	Tim McVicar	Contact: Dy	mpna Scullion	Closing Date:		N/A		
Phone:	(905) 680-1980	Phone (90	05) 680-3764	Waste in Place (Million Tonnes):		10.4		
Fax:	(905) 680-1916	Fax: N/	A	Waste Capacity (Millio	n Tonnes):	13.7		
mcvicar@walk	erind.com	dscullion@walkerind.com		Leachate Recirculation	1:	No (treated in lagoons)		
walkerind.com	THE RESERVE OF THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED ADDRESS OF THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AN	N/A						
Albert .		FG Collection	BAR CONTRACT	60 Miles	L	FG		
Gas Collection	System Installation:	19	96	Methane Cor	ntent	55%		
Number of Hon	zontal Wells:)	LFG Captured		Methane Captured		
Number of Verti	ical Wells:	3	4	1,200 cfm		660 cfm		
Gas Treatment:		Moisture	removal	48,932 m³/day		26,912 m³/day		
Type of Flare (C	Open or Enclosed):	Encl	osed	17,860,086 m ³ /year		6,441 tonnes/year		
260	220/110	Flared			Util	ized - ASM - E		
. 14-10-14-14-14-15-15-15-15-14-1	LFG	Meth	Methane		LFG			
	0 cfm	0 cfr		1,200	cfm	660 cfm		
	0 m ³ /day	0 m ³	0 07	48,932	m ³ /day	26,912 m ³ /day		
	0 m ³ /year	0 m ³	/year	17,860,086	m³/year	9,823,047 m ³ /year		
Electricity Pro	duction (MW):	N/	'A	Heat Production (BT)	J/yr):	275,000 (million BTU)		
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:		N/A		
Contact:	N/A	N/	'A	Website:	abicon.com			
CO ₂ Reduced	i (Vyr):	135,	260	DESCRIPTION OF THE PARTY OF THE		N/A		
Annual CO ₂ Equivalents			30,192 Cars 7,819 Houses					

Landfill:	North Sheridan		Landfill Location:	1875 North Sherida	in Way Mis	sissauga	
ATTENDED	Landfill Owner	LFG:	Site Operator	Landfill In			
Regio	onal Municipality of Peel	Regional	Regional Municipality of Peel			1965	
Contact:	Todd Gregg	Contact: Rick Maj		Closing Date		1979	
Phone:	(905) 791-7800 ext. 4399	Phone	(905) 791-7800 ext. 4242	Waste in Place (Milli	ion Tonnes):	2.5 (closed)	
Fax:	(905) 791-2398	Fax:	(905) 855-2641	Waste Capacity (Mill		2.5	
todd.gregg@pee	Iregion.ca	rick.maj@peelregion		Leachate Recirculati	ion:	N/A	
www.peelregion.c	ca	www.peelregion.ca					
	LFG C	Collection	22500E-2276	公里 医血管性炎	ALE LF	G CONTROL TO THE CONTROL THE CONTROL TO THE CONTROL THE CONTROL TO THE CONTROL TH	
Gas Collection S	ystem Installation:		1978	Methane C	ontent	10%	
Number of Horizo	ontal Wells:		1	LFG Captured		Methane Captured	
Number of Vertic	al Wells:		150	2,500	0 cfm	250 cfm	
Gas Treatment:			None	101,941 m ³ /day		10,194 m3/day	
Type of Flare (Op	pen or Enclosed):		Enclosed	37,208,512	2 m³/year	2,440 tonnes/year	
		lared		Util		zed	
	LFG		Methane	LFG		Methane	
	,500 cfm	1775	0 cfm) cfm	0 cfm	
	,941 m ³ /day		4 m ³ /day		0 m³/day	0 m ³ /day	
	,512 m ³ /year	3,720,85	1 m³/year		0 m³/year	0 m ³ /year	
Electricity Produ			N/A	Heat Production (B	TU/yr):	N/A	
Power Production	n: N/A	Buyer of Electricity:	N/A	End User:		N/A	
Contact:	N/A		N/A	Website:	N/A		
e CO ₂ Reduced (CO ₂ Reduced (t/yr):		51,235			N/A	
Ann	nual CO₂ Equivalents	11,436 Cars 2.962 Houses		Comments:			
Other:	perimeter collection system						

Landfill:	Glenridge Quarry Landfill	distriction of	Landfill Location:	St. Catharines	
	Landfill Owner	LFG	Site Operator	Landfill 1	nformation
Regio	nal Municipality of Niagara	Comco	or Environmental	Opening Date:	1996-97
Contact:	Dave Smith, P.Eng	Contact:	Walter M. Graziani, P.Eng	Closing Date:	0
Phone:	(905) 685-4225 ext. 3209	Phone	(519) 621-6669 ext. 225	Waste in Place (Million Tonnes):	1.2 (1999)
Fax:	(905) 687-8056	Fax:	N/A	Waste Capacity (Million Tonnes):	1.4
david.smith@re	gional.niagara.on.ca	graziani@grsi.net		Leachate Recirculation:	N/A
www.regional.ni	lagara.on.ca			1	
	LFG (Collection	64 (8 <u>0</u> 6) 8	Section 1994	.FG
Gas Collection	System Installation:	May 200	01 (temp. system)	Methane Content	40%
Number of Hori:	zontal Wells:		N/A	LFG Captured	Methane Captured
Number of Verti	ical Wells:		N/A	220 cfm	88 cfm
Gas Treatment:		Cond	ensate removal	8,971 m ³ /day	3,588 m ³ /day
Type of Flare (C	Open or Enclosed):		Enclosed	3,274,349 m ³ /year	859 tonnes/year
1000	And the state of t	Flared		the second secon	ilized
	LFG		Methane	LFG	Methane
	220 cfm	8	8 cfm	0 cfm	0 cfm
	8,971 m ³ /day		8 m ³ /day	0 m ³ /day	0 m ³ /day
3,27	4,349 m³/year	1,309,74	0 m³/year	0 m³/year	0 m³/year
Electricity Pro	duction (MW):		N/A	Heat Production (BTU/yr):	N/A
Power Producti	on: N/A	Buyer of Electricity:	N/A	End User:	N/A
Contact:	N/A		N/A	Website:	N/A
e CO ₂ Reduced (t/yr): Annual CO ₂ Equivalents			18,035	新花花 花	
		4,026 Cars 1.042 Houses		Comments:	
Other:	30 Wells (95% of production) ar	nd 3 leachate sewer manho	les (5% of production)		

_andfill:	Cambridge Landfill	CONTRACT OF I	andfill Location:	Cambridge		100000	
	Landfill Owner	LFG Sit	LFG Site Operator		Landfill Information		
	Region of Waterloo	Region	of Waterloo	Opening Date		1972	
Contact:	Mike Greenhill	Contact:	Mike Greenhill	Closing Date		2003	
Phone:	(519) 740-3601	Phone (519) 740-3601	Waste in Place (Million	Tonnes):	2.5 (1999)	
Fax:	(519) 740-0822	Fax: (519) 740-0822	Waste Capacity (Million	Tonnes):	N/A	
pmike@region	waterloo.on.ca	gpmike@region.waterlo	o.on.ca	Leachate Recirculation:	;	N/A	
www.region.wat	erloo.on.ca	www.region.waterloo.on	.ca		// 	1/100	
44	LFC	G Collection		国旗	LF	G COMPANY	
Gas Collection	System Installation:	Nover	nber 1996	Methane Con	tent	52%	
Number of Horiz	zontal Wells:	5		LFG Captured		Methane Captured	
Number of Verti	cal Wells:	62		1,500 cfm		780 cfm	
Gas Treatment:		None		61,165 m ³ /day		31,806 m ³ /day	
Type of Flare (C	pen or Enclosed):	En	closed	22,325,107 m ³ /year		7,612 tonnes/year	
Flare		Flared	lared		Utili	ilized	
	LFG	Me	ethane	LFG		Methane	
	500 cfm	260 cfm		1,000 cfm		520 cfm	
	0,388 m³/day	(0.00,000,000,000,000,000,000,000,000,00	10,602 m³/day 3,869,685 m³/year		n ³ /day	21,204 m ³ /day	
7,44	1,702 m ³ /year	3,869,685 1			n³/year	7,739,371 m³/year	
Electricity Prod	duction (MW):		N/A	Heat Production (BTU	l/yr):	155,000 (Million BTU	
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:		Gerdau Ameristeel	
Contact:	N/A		N/A	Website:	www.gerdauameristeel.com		
e CO ₂ Reduced (t/yr): Annual CO ₂ Equivalents		16	59,853				
			35,682 Cars 9,240 Houses				

Landfill:	Richmond		Landfill Location;	Napanee		SESTEM/ANA	
	Landfill Owner	LFG S	ite Operator	Landfill Information			
Car	nadian Waste Services	Canadiar	Waste Service	Opening Date:		1954	
Contact:	Remi Godin	Contact:	Remi Godin	Closing Date:		June 2004	
Phone:	613 831-5363 x 406	Phone	613 831-5363 x 406	Waste in Place (Million	Tonnes):	1.65	
Fax:	613 831-8928	Fax:	N/A	Waste Capacity (Million	n Tonnes):	1.7	
rgodin@wm.com	1	rgodin@wm.com		Leachate Recirculation		No	
www.wm.com		www.wm.com		Lead late Redictilation.		1077	
	LFI	G Collection	32 (42)	国	LFG	200 SHESBER 1985	
Gas Collection S	system Installation:	Feb	urary 2001	Methane Con	ntent	48%	
Number of Horiz	ontal Wells:		2	LFG Captured		Methane Captured	
Number of Vertic	cal Wells:		38	650 cfm		312 cfm	
Gas Treatment:			Flared	26,505 m ³ /day		12,722 m3/day	
Type of Flare (O	pen or Enclosed):	John	Zink 7' x 40'	9,674,213 m ³ /year		3,045 tonnes/year	
1900000	DOMENT BEEN	Flared		Utill		ed	
	LFG	N	lethane	LFG		Methane	
	650 cfm	312		0.0	zfm	0 cfm	
	,505 m³/day		m³/day	0 r	n ³ /day	0 m ³ /day	
9,674	,213 m³/year	4,640,838	m³/year	0 r	n³/year	0 m ³ /year	
Electricity Prod	uction (MW):		N/A	Heat Production (BTL	J/yr):	N/A	
Power Productio	n: N/A	Buyer of Electricity:	N/A	End User:		N/A	
Contact:	N/A		N/A	Website:		N/A	
e CO ₂ Reduced	(tyr):		63,941	全国建一级产		10/05/10	
Anı	nual CO ₂ Equivalents	110000	14,273 Cars 3,696 Houses				
Other:	38 wells, 12 Manholes, 9 CO						

Landfill:	Eastview Road Landfill Si	e The second	Landfill Location:	Guelph		
Landfill Owner		LFG S	ite Operator		Landfill Inf	ormation
	City of Guelph	City	of Guelph	Opening Date		1962
Contact:	Robert Conley	Contact:	Janet Laird	Closing Date		2003-2004
Phone:	(519) 822-1260 ext. 2481	Phone	(519) 937-5638	Waste in Place (M	lillion Tonnes):	3.9 (Dec. 2000)
Fax:	(519) 766-4794	Fax:	(519) 766-4794	Waste Capacity (N	Million Tonnes):	N/A
rconley@city.gu	elph.on.ca	jlaird@city.guelph.on.c	a	Leachate Recircul	ation:	No
www.city.guelph	n,on,ca/wetdry	www.city.guelph.on.ca				
	LFG (Collection	《集解》	(2) (3)	LF	3 34556
Gas Collection	System Installation:	May 2001	(temp. system)	Methane	Content	53%
Number of Horiz	zontal Wells:		N/A	LFG Ca	ptured	Methane Captured
Number of Verti	cal Wells:		58	800 cfm		424 cfm
Gas Treatment:			N/A	32,621 m ³ /day		17,289 m3/day
Type of Flare (C	Open or Enclosed):		Open	11,906,724 m³/year		4,138 tonnes/year
	10 mg 100 mg	ired		Util		zed
	LFG	N	ethane	LF	G .	Methane
	800 cfm	424			0 cfm	0 cfm
	2,621 m³/day	17,289	m ³ /day		0 m ³ /day	0 m ³ /day
11,900	5,724 m ³ /year	6,310,564	m³/year		0 m³/year	0 m³/year
Electricity Prod			N/A	Heat Production	(BTU/yr):	N/A
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:		N/A
Contact:	N/A		N/A	Website:		N/A
e CO ₂ Reduced	e CO ₂ Reduced (t/yr):		36,895			
Annual CO ₂ Equivalents		70	19,396 Cars 5,023 Houses			

Landfill:	Beare Road Landfill	withdran - lat	Landfill Location:	Scarborough	100	A THE PROPERTY OF THE PARTY OF	
	Landfill Owner	LFG	Site Operator	15386	Landfill I	nformation	
Contact:	City of Toronto E.S. Fox Limited Contact: Andrew Heit Contact: Spencer Fox		Fox Limited Spencer Fox	Opening Date: Closing Date:		1968 1983	
Phone:	(905) 832-0682 ext. 229	Phone	(905) 354-3700	Waste in Place (Mi	illion Tonnes):	9	
Fax:	(905) 832-4944	Fax:	N/A	Waste Capacity (Million Tonnes): 9		9	
aheit@toronto.d	ca ·			Leachate Recirculation: N/A		N/A	
1000	LFG:	Collection				.FG	
Gas Collection	System Installation:		1995	Methane	Content	45%	
Number of Hori	Horizontal Wells:		N/A		ptured	Methane Captured	
Number of Vert	cal Wells:	100		1,100 cfm		495 cfm	
Gas Treatment:	\$9	Sec	See comments		54 m³/day	20,184 m³/day	
Type of Flare (0	Open or Enclosed):		Enclosed		'45 m³/year	4,831 tonnes/year	
No. of the last		Flared	(A) 中国 (A)	4.52	Ut	ilized	
	LFG		Methane	LF	G	Methane	
	0 cfm 0 m ³ /day 0 m ³ /year		0 cfm 0 m ³ /day 0 m ³ /year		00 cfm 54 m ³ /day 45 m ³ /year	495 cfm 20,184 m³/day 7,367,285 m³/year	
Electricity Pro-	duction (MW):		2.8	Heat Production ((BTU/yr):	N/A	
Power Producti	on: Reciprocating engines	Buyer of Electricity:	Ontario Power Generation	End User:	W.M. 2 W. M. M. M. C.	N/A	
Contact:	N/A		N/A Website:		N/A Website:		N/A
e CO₂ Reduced (t/yr):			101,445	317.2	Condensate tr	ap, water scrubber, cooling and reheating	
Ar	Annual CO ₂ Equivalents		22,644 Cars 5.864 Houses				
Other:	7 Reciprocating engines (@ 0.	8 MW) 5 in use at a time. Ga	as production decreasing				

Landfill:	Brock West	120000000000000000000000000000000000000	Landfill Location:	Pickering			
	Landfill Owner	LFG	Site Operator	Landfill Information			
	City of Toronto	Company of the Company	stem Power	Opening Date		1975	
Contact:	Andrew Heit	Contact:	Andrew Heit	Closing Date		November 1996	
Phone;	(905) 832-0682 ext. 229	Phone	(905) 832-0682 ext. 229	Waste in Place (Millio	on Tonnes):	18	
Fax:	(905) 832-4944	Fax: (905) 832-4944		Waste Capacity (Milli	on Tonnes):	18	
aheit@toronto.ca		N/A		Leachate Recirculation	on:	N/A	
N/A		N/A				,v	
ではない。	LFG	Collection	2. 新加工人。2.000 <u>2.000</u>		to the L	FG	
Gas Collection Sys	stem Installation:		1986	Methane Co	ontent	39%	
Number of Horizontal Wells:		21	LFG Capti	ured	Methane Captured		
Number of Vertica	I Wells:	110		5,000 cfm		1,950 cfm	
Gas Treatment:	as Treatment: Condensate trap		densate traps	203,882	m³/day	79,514 m ³ /day	
Type of Flare (Open or Enclosed):			Enclosed		m³/year	19,030 tonnes/year	
- 26.22=H1	以供证书书程序	lared		Utilized		lized	
	LFG		Methane			Methane	
	0 cfm		cfm .	5,000	cfm	1,950 cfm	
	0 m ³ /day) m³/day	203,882	m ³ /day	79,514 m ³ /day	
	0 m³/year) m³/year	74,417,024	m³/year	29,022,639 m ³ /year	
Electricity Produ	ction (MW):		7.5	Heat Production (B)	ΓU/yr):	N/A	
Power Production:	Steam turbine	Buyer of Electricity:	Ontario Power Generation	End User:		N/A	
Contact:	N/A		N/A	Website:		N/A	
e CO ₂ Reduced (t	/yr):		399,633	United Education			
Annı	Annual CO ₂ Equivalents		89,204 Cars 23,100 Houses				
Other:	Gas production decreasing						

Landfill:	Storrington Landfill (Kir	ngston)	Landfill Location:	Storrington Town	ship		
	Landfill Owner	LFG S	Site Operator		Landfill Info	ormation	
Ca	nadian Waste Services	Canadian	Waste Services	Opening Date:		1974	
Contact:	Remi Godin	Contact:	Remi Godin	Closing Date:		April 1991	
Phone:	613 831-5363 x 406	Phone	613 831-5363 x 406	406 Waste in Place (Million Tonnes):		1 (closed)	
Fax:	613 831-8928 Fax: N/A		Waste Capacity (M	illion Tonnes):	1		
godin@wm.cor	n	rgodin@wm.com		Leachate Recircula	ation:	N/A	
www.wm.com	THE STATE OF THE S	www.wm.com					
	LF:	G Collection		1000	LF	G Later Control	
Gas Collection S	System Installation:		1994	Methane Content		45%	
Number of Horiz	contal Wells:		N/A	LFG Captured		Methane Captured	
Number of Verti	cal Wells:		18	450 cfm		203 cfm	
Gas Treatment:			None	18,349 m ³ /day		8,257 m ³ /day	
Type of Flare (C	pen or Enclosed):	E	Enclosed	6,697,532 m ³ /year		1,976 tonnes/year	
	1044FF 1	Flared	lared		Utilized		
	LFG Methane		Methane	LFG		Methane	
	450 cfm	203	cfm		0 cfm	0 cfm	
	3,349 m³/day	8,257	m³/day		0 m ³ /day	0 m ³ /day	
6,697	7,532 m³/year	3,013,889	m³/year		0 m ³ /year	0 m³/year	
Electricity Prod	luction (MW):		N/A	Heat Production (BTU/yr):	N/A	
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:		N/A	
Contact:	N/A		N/A	Website:		N/A	
e CO ₂ Reduced (t/yr): Annual CO ₂ Equivalents			41,500				
			9,263 Cars 2,399 Houses				

andfill: Aurora	Landfill	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Landfill Location:	Aurora			
Landfill Ov	vner	LFG S	ite Operator		Landfill Informa	tion	
WMI Waste Managemer	nt of Canada Inc.	Earth Te	ech Canada Inc.	Opening Date		1938	
ontact: Jim Fon	ney	Contact:	Paul Passalent	Closing Date		July 1986	
hone: (517) 38	31-0177	Phone	0	Waste in Place (Million T	onnes):	2	
ax: (517) 38	31-0176	Fax:	0	Waste Capacity (Million	Tonnes):	2	
orney@wm.com		paul.passalent@earth	tech.ca.	Leachate Recirculation:		N/A	
		N/A					
	LFG	Collection	ABAT TEA.	(a) (a) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	LFG		
as Collection System Installa	ation:	A	pril 1991	Methane Conte	ent	50%	
umber of Horizontal Wells:			N/A	LFG Captured		Methane Captured	
umber of Vertical Wells:			30	450 cfm		225 cfm	
as Treatment:			None	18,349 m ³ /day		9,175 m ³ /day	
ype of Flare (Open or Enclos	sed):	E	Enclosed	6,697,532 m ³ /year		2,196 tonnes/year	
		Flared		Utilized		1993-F	
LFG		l l	Methane	LFG		Methane	
450 cfm		225	cfm	0 cfr	n	0 cfm	
18,349 m ³ /day		9,175	m³/day	0 m ³	/day	0 m ³ /day	
6,697,532 m ³ /year		3,348,766	m³/year	0 m ³	/year	0 m ³ /year	
lectricity Production (MW)			N/A	Heat Production (BTU/)	yr):	N/A	
ower Production:	N/A	Buyer of Electricity:	N/A	End User:	****	N/A	
ontact:	N/A		N/A	Website:		N/A	
CO ₂ Reduced (t/yr):			46,112	Calcumore and the state of the		******	
Annual CO₂ Equivalents		10,293 2,665	Cars Houses	Comments:			

Landfill:	Britannia Sanitary Landfill	Site	Landfill Location:	5700 Terry Fox Way,	Mississauga	·····································	
WENT TO SERVE	Landfill Owner	LFG 8	Site Operator		Landfill Info	rmation	
The Reg	ional Municipality of Peel	The Regiona	al Municipality of Peel	Opening Date:		1980	
Contact:	Larry Conrad	Contact:	Rick Maj	Closing Date:		2002	
Phone:	(905) 791-7800 ext. 3502	Phone	(905) 791-7800 ext. 4242	Waste in Place (Million	n Tonnes):	11	
Fax:	(905) 791-2398	Fax:	N/A	Waste Capacity (Millio	n Tonnes):	11	
arry.conrad@pee	elregion.ca	rick.maj@peelregion		Leachate Recirculation	n:	N/A	
www.peelregion.c	a	www.peelregion.ca					
	LFG (Collection		854	LFG)	
Gas Collection Sy	stem Installation:	AND Service many	1995		ntent	50%	
Number of Horizo	ntal Wells:	6		LFG Captured		Methane Captured	
Number of Vertica	al Wells:	1		900 cfm		450 cfm	
Gas Treatment:		N/A		36,699	m ³ /day	18,349 m ³ /day	
Type of Flare (Op	en or Enclosed):		Enclosed	13,395,064 m ³ /year		4,392 tonnes/year	
A.S.	or kalendaria de la F	ared		Utilized			
	LFG	Methane		LFG		Methane	
9	900 cfm	450	0 cfm	0 cfm 0 m ³ /day		0 cfm 0 m³/day	
36,6	699 m³/day	18,349	9 m³/day				
13,395,0	064 m³/year	6,697,532	2 m³/year	0	m ³ /year	0 m³/year	
Electricity Produ	ection (MW):			Heat Production (BT	U/yr):	N/A	
Power Production	: IGRS	Buyer of Electricity:	Region of Peel	End User:	V	N/A	
Contact:	Larry Conrad	www	peelregion.ca	Website:		N/A	
e CO ₂ Reduced (t/yr):		92,223		Expect -	4-5MW of Power Production.	
Ann	ual CO₂ Equivalents	20,585 Cars 5,331 Houses		Comments:			
Other:	Collect gas from leachate collect	ction system					

Landfill:	Trail Road and Nepean Lar	dfills	andfill Location:	City of Nepean		
140 140	Landfill Owner	LFG Site	Operator	Landfill Information		
Transporta	ition Utilities and Public Works	Transportation Utilities and Public Works		Opening Date		May 1980 & 1960
Contact:	Trish Johnston	Contact: P	eter Filipowich	Closing Date		2009 & 1980s
Phone:	(613) 580-2424 ext. 21528	Phone (6	513) 580-2424 ext.22843	Waste in Place (Milli	ion Tonnes):	6.7 &1.5
Fax: (613) 838-4388 Fax: (613) 838-4388		Waste Capacity (Mil	lion Tonnes):	8.7 and 1.5		
patricia.johnson	@ottawa.ca	peter.filipowich@ottawa.	ca	Leachate Recirculati	ion:	Yes (recirculation)
www.ottawa.ca		www.ottawa.ca				
	LFG C	ollection	(中国) (10 · 10 · 10 · 10 · 10 · 10 · 10 · 10	X 每旬2世 - 10000	LF	G I Harris Hall
Gas Collection System Installation:		Novem	ber 1991	Methane C	ontent	40%
Number of Horizontal Wells: 0		0	LFG Captured		Methane Captured	
Number of Verti	mber of Vertical Wells: 34		1,00	0 cfm	400 cfm	
Gas Treatment:		Moisture separator		40,77	6 m ³ /day	16,311 m ³ /day
Type of Flare (O	pen or Enclosed):	Enclosed		14,883,40	5 m ³ /year	3,904 tonnes/year
	F	lared Methane		Utilized LFG Methane		
	LFG					Methane
1	1,000 cfm	400 c	fm .		0 cfm	0 cfm
40),776 m³/day	16,311 n		0 m ³ /day		0 m³/day
14,883	3,405 m ³ /year	5,953,362 n	³ /year	1	0 m ³ /year	0 m³/year
Electricity Proc	fuction (MW):		N/A	Heat Production (B	BTU/yr):	N/A
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:		N/A
Contact:	N/A		V/A	Website:		N/A
e CO ₂ Reduced	(Vyr):	81	,976	(4.774)		Differential settlement
Annual CO₂ Equivalents		18,298 Cars 4,738 Houses		Comments:		

Landfill:	Tom Howe Landfill		Landfill Location:	City of Nanticoke	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Ballana III	Landfill Owner	LFG Sh	e Operator	Landfi	Il Information
	County of Haldimand	County of	of Haldimand	Opening Date:	1960's
Contact:	Ed Martin	Contact:	Ed Martin	Closing Date:	2018
Phone:	(905) 318-5962 ext. 156	Phone	(905) 318-5962 ext. 156	Waste in Place (Million Tonnes):	0.736
Fax:	(905) 772-3779	Fax: N/A Waste Capacity		Waste Capacity (Million Tonnes)	1.1
emartin@haldir	mandcounty.on.ca	emartin@haldimandcou	nty.on.ca	Leachate Recirculation:	N/A (haul to STP)
www.haldimano	dcounty.on.ca	www.haldimandcounty.d	on.ca		(3)
1000	LFG	Collection		CENTRE PERSON	LFG
Gas Collection	System Installation:	Ap	ril 1998	Methane Content	49%
Number of Hori	zontal Wells:	4 tr	4 trenches		Methane Captured
Number of Vert	ical Wells:		18	500 cfm	245 cfm
Gas Treatment			N/A	20,388 m ³ /day	9,990 m ³ /day
Type of Flare (0	Open or Enclosed):	Er	closed	7,441,702 m ³ /year	2,391 tonnes/year
6 (E (E (E)) 2 M	SHEET THE GUIDEN CONTRACTOR	lared (IIII) The Vertical Control of the Vertical Cont		Utilized	
	LFG	Me	Methane		Methane
	500 cfm	245		0 cfm	0 cfm
	0,388 m ³ /day	9,990	MADOS025 1	0 m ³ /day	0 m³/day
7,44	1,702 m ³ /year	3,646,434	m³/year	0 m ³ /year	0 m³/year
Electricity Pro	duction (MW):		N/A	Heat Production (BTU/yr):	N/A
Power Producti	on; N/A	Buyer of Electricity:	N/A	End User:	N/A
Contact:	N/A		N/A	Website:	N/A
e CO ₂ Reduced	i (t/yr):	5	0,210	47	High H2S and moisture
Annual CO ₂ Equivalents		11,208 Cars 2,902 Houses		Comments:	

Landfill: Cornwall Landfill Locati		dfill Location:	City of Comwall			
ner en en en en	Landfill Owner	LFG Site (perator	Landfill Information		
	City of Cornwall	City of C	omwall	Opening Date	1985 (new)	
Contact:	Neil Dixon	Contact: Nei	l Dixon	Closing Date	2028	
Phone:	(613) 937-1377	Phone (61	3) 937-1377	Waste in Place (Million Tonne	es): 1.0 + 1.5	
Fax:	(613) 932-4506	Fax: (61	3) 932-4506	Waste Capacity (Million Tonn	nes): 2.0 + 1.5 (closed)	
ndixon@city.co	ornwall.on.ca	ndixon@city.comwall.on.ca	L	Leachate Recirculation:	N/A	
www.city.com	vall.on.ca	www.city.cornwall.on.ca				
1.88.000	article committee u	G Collection	M2 10 mg/15		LFG	
Gas Collection System Installation: April 1998		998	Methane Content	44%		
Number of Hor	izontal Wells:	N/A	4	LFG Captured	Methane Captured	
Number of Ver	tical Wells:	24	ğ	466 cfm	205 cfm	
Gas Treatmen		N/A	Α	19,002 m ³ /day	8,361 m ³ /day	
Type of Flare (Open or Enclosed):	ope	open		r 2,001 tonnes/year	
		Flared	Flared Methane		Utilized	
	LFG	Meth			Methane	
466 cfm		205 cfm		0 cfm	0 cfm	
	9,002 m ³ /day	8,361 m ³ /	day	0 m ³ /day	0 m ³ /day	
6,93	5,667 m ³ /year	3,051,693 m ³ /	year	0 m³/yea	r 0 m³/year	
Electricity Pro	duction (MW):	N/A	Α	Heat Production (BTU/yr):	N/A	
Power Product	ion: n/a	Buyer of Electricity:	N/A	End User:	N/A	
Contact:	N/A	N/A	Α	Website:	N/A	
e CO₂ Reduce	d (t/yr):	42,0	21	and the same		
Annual CO ₂ Equivalents		\$ -00	9,380 Cars 2.429 Houses			

	Landfill Location:	East Edmonton		· 本語學問題亦為	
LFG S	ite Operator	E Arrest Contains	Landfill li	nformation	
EPCO	R Generation	Opening Date:		September 1975	
Contact:	Ken Warren (Jan. 04)	Closing Date:		2013	
Phone	(780) 412-3506	Waste in Place (Mil	llion Tonnes):	12	
Fax:	N/A	Waste Capacity (Million Tonnes):		13.2	
warren@epcor.ca		Leachate Recircula	ition:	No	
www.epcor.ca		AND THE WORLD WAS A STREET OF THE PARTY OF T			
lection	G LUCKIER SKIP	1544	i de la constanta	.FG	
Gas Collection System Installation: 1991		Methane (Content	51%	
	N/A	LFG Captured		Methane Captured	
60		1,668 cfm		842 cfm	
Diethylene glycol		68,015 m ³ /day		34,348 m ³ /day	
	Open	24,825,519 m ³ /year		8,220 tonnes/year	
Flared		Utilized Utilized			
	Methane	LFC	3	Methane	
0	cfm	1,66	68 cfm	842 cfm	
0	m³/day	68,01	15 m³/day	34,348 m ³ /day	
0	m³/year	24,825,5	19 m³/year	12,536,887 m ³ /year	
	5	Heat Production (BTU/yr):	N/A	
Buyer of Electricity:	EPCOR Generation	End User:		N/A	
ww	w.epcor.ca	Website:		N/A	
	172,629	- 100560000	Did not contin	uously flare or utilize due to several plar	
38,533 Cars		Comments:		closures	
	38,533	www.epcor.ca 172,629 38,533 Cars 9,979 Houses	172,629 38,533 Cars Comments:	172,629 38,533 Cars Comments: Did not continu	

Landfill:	Foothills Boulevard Region	onal Landfill	Landfill Location:	6595 Foothills Blvd, Prince Georg	e 网络树油油	
SEE FOREIGN	Landfill Owner	LFG Sit	e Operator	Landfill Int	ormation	
Regional	District of Fraser-Fort George	R	DFFG	Opening Date	1974	
Contact:	Jim Martin	Contact:	Jim Martin	Closing Date	2021	
Phone:	(250) 960-4486	Phone ((250) 960-4486	Waste in Place (Million Tonnes):	1.4	
ax:	(250) 563-7848	Fax: ((250) 563-7848	Waste Capacity (Million Tonnes):	3	
martin@rdffg.bc	o.ca	jmartin@rdffg.bc.ca		Leachate Recirculation:	Yes	
www.rdffg.bc.ca		www.rdffg.bc.ca				
333	LFG	Collection	CHARLES KARANTAN	end the LE	G Control of the Cont	
Gas Collection S	System Installation:		2002	Methane Content	43%	
Number of Horiz	contal Wells:		16	LFG Captured	Methane Captured	
Number of Vertic	cal Wells:		N/A	213 cfm	92 cfm	
Gas Treatment:		Condens	sate Removal	8,685 m ³ /day	3,743 m3/day	
Type of Flare (O	pen or Enclosed):	En	nclosed	3,170,165 m ³ /year	896 tonnes/year	
16566	A THE PARTY OF THE	Flared		Utilized		
	LFG	Methane		LFG	Methane	
	213 cfm	92	cfm	0 cfm	0 cfm	
8	3,685 m ³ /day	3,743	m³/day	0 m ³ /day	0 m ³ /day	
3,170	1,165 m ³ /year	1,366,341	m³/year	0 m³/year	0 m ³ /year	
Electricity Prod	luction (MW):		N/A	Heat Production (BTU/yr):	N/A	
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:	N/A	
Contact:	N/A		N/A	Website:	N/A	
e CO ₂ Reduced	(t/yr):	1	8,814			
An	nual CO ₂ Equivalents	4,200 1,088	Cars Houses	Comments:		
Other:	Gas Collection system constru	cted in 2002, commisioned in D	Dec. 2002			

Landfill:	Fraser Port Landfill		Landfill Location:	Richmond		
CONTRACTOR OF THE	Landfill Owner	LFG Si	te Operator	Landfill Information		
	FRPA	E.H	. Hanson	Opening Date:	April 1976	
Contact:	Capt. Tom Corsie	Contact:	Len Hanson, P. Eng.	Closing Date:	June 1987	
Phone:	(604) 524-6655	Phone	(604) 946-0111	Waste in Place (Million Tonnes):	1 (closed)	
Fax:	(604) 524-1127	Fax:	N/A	Waste Capacity (Million Tonnes):	1	
		ehhanson@direct.ca		Leachate Recirculation:	Yes	
	Ц	FG Collection	10 m	*CF	G	
Gas Collection S	as Collection System Installation: October 1986		Methane Content	32%		
Number of Horiz	zontal Wells: N/A		LFG Captured	Methane Captured		
Number of Vertic	cal Wells:		50	180 cfm	58 cfm	
Gas Treatment:			N/A	7,340 m³/day	2,349 m ³ /day	
Type of Flare (O	pen or Enclosed):		N/A	2,679,013 m³/year	562 tonnes/year	
306.5	in it is the second and the	Flared		Utilized Utilized		
	LFG	N	ethane	LFG	Methane	
	180 cfm	58	cfm	0 cfm	0 cfm	
7	,340 m ³ /day	2,349	m³/day	0 m ³ /day	0 m ³ /day	
2,679	,013 m³/year	857,284	m³/year	0 m³/year	0 m ³ /year	
Electricity Prod	luction (MW):		N/A	Heat Production (BTU/yr):	N/A	
Power Productio	in: N/A	Buyer of Electricity:	N/A	End User:	N/A	
Contact:	N/A		N/A	Website:	N/A	
e CO ₂ Reduced	(t/yr):	MARK TO THE REST OF THE PERSON	11,805	Net	w user for heat as of 2002.	
Anı	nual CO _z Equivalents	2,635 682	Cars Houses	Comments:		
Other:	320 H.P. engine on site for	power production.				

Landfill:	Port Mann	La	ndfill Location:	Surrey			
TO L	Landfill Owner	LFG Site	Operator		Landfill In	formation	
	City of Surrey	Norseman	Engineering	Opening Date		1969	
Contact:	Rob Costanzo	Contact: Le	n Hanson, P.Eng.	nson, P.Eng. Closing Date		1998	
Phone:	(604) 590-7287	Phone (60	04) 946-0111	Waste in Place (Million	Tonnes):	2	
Fax: (604) 591-7836		Fax: (60	04) 946-6359	Waste Capacity (Millio	n Tonnes):	N/A	
				Leachate Recirculation	n:	N/A	
	A PROPERTY IN THE	LFG Collection			LF	G TOTAL	
Gas Collection S	System Installation:	Februa	ry 1993	Methane Cor	ntent	57%	
Number of Horiz	contal Wells:	N	N/A		red	Methane Captured	
Number of Vertic	lumber of Vertical Wells:		120		190 cfm		
Gas Treatment:		Dehydration usin	ng ethylene glycol	ene glycol 7,748 r		4,416 m ³ /day	
Type of Flare (O	ype of Flare (Open or Enclosed): Enclosed		osed	2,827,847	m³/year	1,057 tonnes/year	
Michigan III	(Asia)	Flared	Flared		Util	ized	
	LFG	Met	Methane			Methane	
	0 cfm	0 cfr	n	190	cfm	108 cfm	
	0 m ³ /day	o m ³	/day	7,748 1	m ³ /day	4,416 m3/day	
	0 m ³ /year	O m ³	/year	2,827,847	m³/year	1,611,873 m ³ /year	
Electricity Proc	duction (MW):	N	/A	Heat Production (BT)	U/yr):	56900 (million BTU)	
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:	Gi	eorgia Pacific Gypsium Ltd.	
Contact:	N/A	N	/A	Website:		N/A	
e CO ₂ Reduced	l (t/yr);	22,	195				
An	nual CO₂ Equivalents	275257773	4,954 Cars 1,283 Houses				
Other:	10 wells added.	•					

Landfill:	Jackman Landfill	PARTIES NO.	Landfill Location:	10th & 172nd Street, Langle	y tempelal results
0.0000000000000000000000000000000000000	Landfill Owner	LFG	Site Operator	Commission Services - First Lar	ndfill Information
	Township of Langley	Norsema	n Engineering Ltd.	Opening Date:	1970
Contact:	Clive Roberts	Contact:	Len Hanson, P.Eng.	Closing Date:	1988
Phone:	(604) 533-6144	Phone	(604) 946-0111	Waste in Place (Million Tonne	es): 0.4
Fax:	(604) 533-6098	Fax:	N/A	Waste Capacity (Million Tonn	nes): 0.4
				Leachate Recirculation:	No
45,056	LF	G Collection	BAYES BAYES		LFG
Gas Collection S	System Installation:		April 1993		45%
Number of Horiz			N/A		Methane Captured
Number of Verti	cal Wells:	45		46 cfm	21 cfm
Gas Treatment:		N/A		1,876 m ³ /day	844 m ³ /day
Type of Flare (C	pen or Enclosed):		enclosed		ar 202 tonnes/year
1114-11 1115	a dell'elle comp	Flared	STATE PER STATE	Utilized	
	LFG		Methane	LFG	Methane
46 cfm		2	1 cfm	0 cfm	0 cfm
	1,876 m ³ /day	84	4 m³/day	0 m ³ /day	
684	684,637 m ³ /year 308,0		6 m³/year	0 m³/yea	ar 0 m³/year
Electricity Proc	duction (MW):	11 M	N/A	Heat Production (BTU/yr):	110 (Billion BTU)
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:	N/A
Contact:	N/A		N/A		N/A
e CO, Reduced	l (t/yr):		4,242		Type of burner - boiler for heat and CO2.
An	nual CO ₂ Equivalents		7 Cars 5 Houses	Comments:	
Other:					

andfill:	Premier Street Landfill		Landfill Location:	North Vancouver Distr	North Vancouver District		
	Landfill Owner	LFG	Site Operator	Landfill li		nformation	
Corporation	of the District of North Vancouver	E.H. Hanson		Opening Date		1954	
Contact:	Jerry Stokes	Contact:	Elson Hanson	Closing Date		1996	
hone:	(604) 990-3848	Phone	(604) 946-0111	Waste in Place (Million Tonnes):		4.5 (1996)	
ax:	(604) 990-3801	Fax:	(604) 946-6359	Waste Capacity (Million Tonnes): Leachate Recirculation:		4.5	
)		N/A				No	
1		N/A	- marina de de Antonio do -	9			
LFG Collection			100 PERO		LFG	Control Office	
Gas Collection S	System Installation:	August 19	991, new May 2002	Methane Cont	ent	50%	
Number of Horiz	zontal Wells:	N/A		LFG Captured		Methane Captured	
Number of Verti	cal Wells:		15	120 cfm		60 cfm	
Gas Treatment:		Moi	sture removal	4,893 m ³ /day		2,447 m ³ /day	
Type of Flare (C	pen or Enclosed):		Enclosed	1,786,009 m	³/year	586 tonnes/year	
34	es established the F	lared			Utilize	d delication	
	LFG	Methane		LFG		Methane	
	120 cfm	6	0 cfm	0 cf	2000	0 cfm	
	4,893 m ³ /day	2,44	7 m ³ /day	0 m	n ³ /day	0 m ³ /day	
1,786	5,009 m ³ /year	893,00	4 m³/year	0 m	³ /year	0 m³/year	
Electricity Prod	duction (MW):		N/A	Heat Production (BTU)	/yr);	Shut down	
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:		N/A	
Contact:	N/A		N/A	Website:		N/A	
e CO ₂ Reduced (t/yr):			12,296	THE THINK		ection system is poposed and a nev eld house is planned	
Ar	nnual CO ₂ Equivalents	2,745 Cars 711 Houses		Comments:	neid nouse is planned		

Landfill:	Coquitiam Landfill	(15 m)	Landfill Location:			
	Landfill Owner	LFG Si	te Operator	Landfill		ormation
Greater	Vancouver Regional District	Greater Vanco	uver Regional District	Opening Date: 1975		
Contact:	Dennis Ranahan	Contact:	Dennis Ranahan	Closing Date:		1983
Phone:	(604) 451-6138	Phone	(604) 451-6138	Waste in Place (Millio	on Tonnes):	2.2
ax:	(604) 451-6180	Fax:	N/A	Waste Capacity (Million Tonnes):		2.5
dranahan@gvro	l.bc.ca	dranahan@gvrd.bc.ca		Leachate Recirculation	on:	N/A
www.gvrd.bc.ca		www.gvrd.bc,ca		S-		
	LFG	31442 3563	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LF	G CONTRACTOR	
Gas Collection S	System Installation:		N/A	Methane Co	ontent	52%
Number of Horiz	zontal Wells:		N/A	LFG Captured		Methane Captured
Number of Verti	cal Wells:		139	75	cfm	39 cfm
Gas Treatment:			N/A	3,058 m ³ /day		1,590 m ³ /day
Type of Flare (C	pen or Enclosed):		N/A	1,116,255	i m³/year	381 tonnes/year
		Flared			Utili	zed
	LFG	M	ethane	LFG		Methane
	0 cfm	0	cfm	75	cfm	39 cfm
	0 m ³ /day	0	m³/day	3,058	m³/day	1,590 m ³ /day
	0 m³/year	0	m³/year	1,116,255	m³/year	580,453 m ³ /year
Electricity Prod	duction (MW):		N/A	Heat Production (B)	U/yr): 9,478 (Million BTU)	
Power Production	on: N/A	Buyer of Electricity:	N/A	End User:		N/A
Contact:	N/A		N/A	Website;	www.norskecanada.com	
e CO₂ Reduced (t/yr): Annual CO₂ Equivalents			7,993 1,784 Cars			inal 121 wells have been damaged and
		1,784			are not operational, 18 new wells installed in 2	
O.	ilidai 002 Equivalents	462	Houses			

Phone	Landfill:	Cedar Road Landfill	Station and the state of the st	Landfill Location:	Nanaimo		
Contact: David Leitch Contact: David Leitch Phone: (604) 451-6138 Phone (250) 390-6546 Waste in Place (Million Tonnes): 1	A delication of the L	andfill Owner	LFG :	Site Operator	Landfill Is	nformation	
Phone: (604) 451-6138	Regiona	al Disrtrict of Nanaimo	Regional	District of Nanaimo	Opening Date	1940	
Fax: (604) 451-6180 Fax: (250) 390-1542 Waste Capacity (Million Tonnes): 1.5 Leachate Recirculation: N/A (collection) LFG Gas Collection System Installation: N/A Methane Content 50% Number of Horizontal Wells: N/A LFG Captured Methane Capture Number of Vertical Wells: N/A 110 cfm 55 cfm Max 110 cfm 55 cfm M/A 4,485 m³/day 2,243 m³/day 1,637,175 m³/year 537 tonnes/year Flared Utilized LFG Methane LFG Methane 104 cfm 52 cfm 6 cfm 3 cfm 4,241 m³/day 2,120 m³/day 2,120 m³/day 2,243 m³/day 1,547,874 m³/year 773,937 m³/year 89,300 m³/year 44,650 m³/year Electricity Production (MW): N/A Buyer of Electricity: N/A End User: N/A Contact: N/A Buyer of Electricity: N/A Website: N/A Annual CO ₂ Equivalents ECO ₂ Reduced (t'yr): 11,272 Annual CO ₂ Equivalents ECO Comments: Co	Contact:	David Leitch	Contact:	David Leitch	Closing Date	2000	
LEG Collection LEG Gas Collection System Installation: N/A Number of Horizontal Wells: Number of Vertical Wells: Number of Vertical Wells: N/A Gas Treatment: N/A LEG Captured Methane Captured Methane Captured Methane Captured Methane Captured Methane Captured Methane Captured N/A 110 cfm 55 cfm 6 sfm 1,637,175 m³/year Flared Utilized LFG Methane LFG Methane LFG Methane LFG Methane 104 cfm 4,241 m³/day 2,120 m³/day 1,547,874 m³/year 1,547,874 m³/year M/A Buyer of Electricity: N/A N/A Heat Production (BTU/yr): N/A N/A N/A Website: N/A N/A N/A N/A N/A N/A Website: N/A Contact: N/A N/A N/A N/A N/A N/A Comments:	Phone:	(604) 451-6138	Phone	(250) 390-6546	Waste in Place (Million Tonnes):	1	
LFG Collection LFG	Fax:	(604) 451-6180	Fax:	(250) 390-1542	Waste Capacity (Million Tonnes):	1.5	
Name			Leachate Recirculation:		N/A (collection)		
Number of Horizontal Wells: N/A LFG Captured Methane Captured		LF	G Collection			FG	
Number of Vertical Wells: N/A	Gas Collection Sys	stem Installation:		N/A	Methane Content	50%	
N/A 4,485 m³/day 2,243 m³/day 1,637,175 m³/year 537 tonnes/year Flared Utilized	Number of Horizon	tal Wells:		N/A	LFG Captured	Methane Captured	
Type of Flare (Open or Enclosed):	Number of Vertical	Wells:		N/A	110 cfm	55 cfm	
Flared Utilized	Gas Treatment:			N/A	4,485 m³/day	2,243 m ³ /day	
LFG Methane LFG Methane 104 cfm 52 cfm 6 cfm 3 cfm 4,241 m³/day 2,120 m³/day 245 m³/day 122 m³/day 1,547,874 m³/year 773,937 m³/year 89,300 m³/year 44,650 m³/year Electricity Production (MW): N/A Heat Production (BTU/yr): N/A Power Production: N/A End User: N/A Contact: N/A Website: N/A a CO₂ Reduced (tyr): 11,272 Comments:	Type of Flare (Ope	n or Enclosed):		N/A	1,637,175 m ³ /year	537 tonnes/year	
104 cfm		6,717/4	Flared		Uti	lized	
4,241 m³/day 2,120 m³/day 245 m³/day 122 m³/day 1,547,874 m³/year 773,937 m³/year 89,300 m³/year 44,650 m³/year 89,300 m³/year 44,650 m³/year 89,300 m³/year 44,650 m³/year 89,300 m³/year		LFG		Methane	LFG	Methane	
1,547,874 m³/year 773,937 m³/year 89,300 m³/year 44,650 m³/year Electricity Production (MW): N/A Heat Production (BTU/yr): N/A Power Production: N/A Buyer of Electricity: N/A End User: N/A Contact: N/A N/A Website: N/A e CO₂ Reduced (tyr): 11,272 Comments:	10	04 cfm	5	2 cfm	6 cfm	3 cfm	
N/A Heat Production (MW): N/A Heat Production (BTU/yr): N/A	4,24	41 m ³ /day	2,12) m³/day	245 m³/day	122 m ³ /day	
Power Production: N/A Buyer of Electricity: N/A End User: N/A Contact: N/A N/A Website: N/A e CO ₂ Reduced (tyr): 11,272 Comments: Comments:	1,547,87	74 m³/year	773,93	7 m³/year	89,300 m ³ /year	44,650 m ³ /year	
Contact: N/A N/A Website: N/A a CO ₂ Reduced (t/yr): 11,272 Annual CO ₂ Equivalents 2,516 Cars Comments:	Electricity Produc	ction (MW):	W. Committee of the com	N/A	Heat Production (BTU/yr):	N/A	
e CO ₂ Reduced (t/yr): Annual CO ₂ Equivalents 11,272 2,516 Cars Comments:	Power Production:	N/A	Buyer of Electricity:	N/A	End User:	N/A	
Annual CO ₂ Equivalents 2,516 Cars Comments:	Contact:	N/A		N/A	Website:	N/A	
Annual CO ₂ Equivalents	e CO ₂ Reduced (t/yr):			11,272			
	Angual CO. Equivalents		2,51	6 Cars	Comments:		
	Annu	ai CO2 Equivalents	65	2 Houses			

andfill: Tretheway Landfill		2016/00	Landfill Location:	Clearbrook		
Land	fill Owner	LFG Si	te Operator		Landfill Information	
And the second s	f Abbotsford	City of	Abbotsford	Opening Date:		1975
	Roger Ferrant	Contact:	Roger Ferrant	Closing Date:		1984
Phone: (604) 853-5485	Phone	(604) 853-5485	Waste in Place (Million To	onnes):	0.5 (closed)
Fax: (604) 850-6418	Fax:	N/A	Waste Capacity (Million T	onnes):	0.5
	Leachate Recirculation:			N/A		
Salation .	LFG Collection		《祖籍 》	LFG		
Gas Collection System	Installation:	De	c. 1983	Methane Conte	nt	48%
Number of Horizontal V	Vells:		N/A		Me	thane Captured
Number of Vertical Wel	lls:		N/A		20 cfm 10 cf	
Gas Treatment:			N/A	816 m³/day		91 m³/day
Type of Flare (Open or	Enclosed):		N/A	297,668 m ³ /	year	94 tonnes/year
SEGMENT OF THE	特性 意	Flared		26 30 000 000 000	Utilized	100
	LFG	M	Methane			Methane
0 0		0	cfm	20 cfm	1	10 cfm 391 m ³ /day 142,881 m ³ /year
	n ³ /day	3259	m³/day	816 m ³ /	day 3	
0 n	n ³ /year	0	m³/year	297,668 m ³ /	year 142,8	
Electricity Production	(MW):		N/A	Heat Production (BTU/y	r): 5.2	56 (billion BTU)
Power Production:	N/A	Buyer of Electricity:	N/A	End User:	N/A	A
Contact:	N/A		N/A		N/A	A .
e CO ₂ Reduced (t/yr): Annual CO ₂ Equivalents			1,967			4
		439	439 Cars			
Allindar	-2	114	Houses	5.46		
Other:	andfill still operates 4 of 6	heaters.				

Landfill:	Cottonwood Landfill		Landfill Location:				
Well-spins	Landfill Owner	LFG	Site Operator	Landfill Ir		nformation	
Di	strict of Maple Ridge	Distric	t of Maple Ridge	Opening Date		unknown	
Contact:	Russ Carmichael	Contact:	Victor Negoita	Closing Date		1989	
Phone:	(604) 463-5221	Phone	(604) 463-9581	Waste in Place (Million Tonnes):		Unknown	
ax:	(604) 467-7360	Fax:	(604) 467-7360	Waste Capacity (Millio	on Tonnes):	Unknown	
carmichael@ma	pleridge.org	rcarmichael@mapler	idge.org	Leachate Recirculation:		N/A (sent to sanitary sewer	
	LFG	Gollection	S. Friday States	200 (100 100 100 100 100 100 100 100 100	1/2/2	FG	
Gas Collection S	stem Installation:		1985-1989	Methane Co	ntent	35%	
Number of Horizo	ontal Wells:		N/A	LFG Captured		Methane Captured	
Number of Vertic	al Wells:		N/A	57 cfm		20 cfm	
Gas Treatment:			N/A	2,324 m ³ /day		813 m³/day	
Type of Flare (Or	en or Enclosed):		Open	848,354 m ³ /year		195 tonnes/year	
		Flared	ared Tarabase Tarabas		Uti	lized	
	LFG		Methane			Methane	
	57 cfm	2	t0 cfm	0	cfm	0 cfm	
2,	324 m ³ /day	81	3 m ³ /day	0	m ³ /day	0 m ³ /day	
848,	354 m³/year	296,92	4 m³/year	0 m³/year		0 m³/year	
Electricity Produ	uction (MW):		N/A	Heat Production (BT	TU/yr); N/A		
Power Production	n: N/A	Buyer of Electricity:	N/A	End User:		N/A	
Contact:	N/A		N/A	Website:		N/A	
e CO ₂ Reduced (t/yr): Annual CO ₂ Equivalents			4,089 913 Cars 236 Houses		Opera	te system during business hours.	
		63					
Other:	7 Vertical wells	3//					

Landfill:	Vancouver Landfill		Landfill Location:	5400 72nd Street	t	
	Landfill Owner	LFG:	Site Operator	and Page 1	Landfill I	nformation
	City of Vancouver	City	of Vancouver	Opening Date:	4	1966
Contact:	Paul Henderson	Contact:	Paul Henderson	Closing Date:		2040
Phone:	604 940 3201	Phone	604 940 3201	Waste in Place (Million Tonnes): Waste Capacity (Million Tonnes):		12
Fax:	(604) 946-2873	Fax:	N/A	Waste Capacity (I	Million Tonnes):	30
paul_henderson	@city.vancouver.bc.ca	paul_henderson@city	vancouver.bc.ca	Leachate Recirculation: N/A		N/A
www.city.vancou	uver.bc.ca	www.city.vancouver.b	oc.ca	\$2250 FEBRUAR SECTION SEC.		
	LF	G Collection	6 380a425	5.00	Tallette L	FG
Gas Collection S	System Installation:	199	1, 2000, 2003	Methane	Content	50%
Number of Horiz	contal Wells:	10 (20	00 metre wells)	LFG Captured		Methane Captured
Number of Verti	cal Wells:		237	2,100 cfm		1,050 cfm
Gas Treatment:			See other	85,631 m ³ /day		42,815 m³/day
Type of Flare (C	pen or Enclosed):	2	enclosed	31,255,150 m ³ /year		10,247 tonnes/year
安保持 然等	RAP WEST	Flared		960 m	Ut	lized
	LFG		Methane	LI	FG	Methane
	0 cfm		0 cfm	2,	100 cfm	1,050 cfm
	0 m ³ /day		0 m ³ /day	85,	631 m ³ /day	42,815 m ³ /day
	0 m³/year		0 m³/year	31,255,	150 m ³ /year	15,627,575 m ³ /year
Electricity Proc	fuction (MW):		5,55	Heat Production	(BTU/yr):	100,000 GJ/year
Power Production	on: Maxim Power	Buyer of Electricity:	B.C. Hydro	End User:		N/A
Contact:	N/A	www.max	kimpowercorp.com	Website:	Website: N/A	
e CO ₂ Reduced	(t/yr):		215,187 48,033 Cars 12,439 Houses			system operating at 100%, plan to instal
An	nual CO ₂ Equivalents				an	and additional 1.85 MW in 2004.
Other:	Condensate removal onsite.	electrical generation off-site (C	anAgro Greenhouse)	-1,		

Landfill:	Cache Creek		Landfill Location:	Cache Creek		0.000	
	Landfill Owner	LFG	Site Operator	Statement and the second	Landfill Info	Information	
Wastech S	ervices Ltd. & Cache Creek	Was	tech Services	Opening Date			
Contact:	R. Black	Contact:	R. Black	Closing Date		2007	
Phone:	(604) 521-1715 ext. 550	Phone	(604) 521-1715 ext. 550	Waste in Place (Millio	n Tonnes):	5.6 (2003)	
Fax:	(604) 521-0763	Fax:	(604) 521-0763	Waste Capacity (Million Tonnes):		7.6	
rblack@wastech.d	ca	rblack@wastech.ca		Leachate Recirculation:		Yes	
www.wastech.com	n	www.wastech.com					
華達見	LFG LFG	Collection	CONTRACTOR LINE	LFG			
Gas Collection Sy	stem Installation:	N	farch 1997	Methane Co	ntent	45%	
Number of Horizo	ntal Wells:		N/A	LFG Captu	ired	Methane Captured	
Number of Vertica	al Wells:		29	565 cfm		254 cfm	
Gas Treatment:			N/A	23,039 m ³ /day		10,367 m ³ /day	
Type of Flare (Op	en or Enclosed):		Open	8,409,124 m ³ /year		2,481 tonnes/year	
and the second second		Flared	ired		Utiliz	red Same	
	LFG	Methane		LFG		Methane	
	565 cfm	25	4 cfm	0	cfm	0 cfm	
23,0	039 m³/day	10,36	7 m ³ /day	0	m³/day	0 m ³ /day	
8,409,	124 m³/year	3,784,10	6 m³/year	0	m³/year	0 m³/year	
Electricity Produ	iction (MW):		N/A	Heat Production (BT	ru/yr): N/A		
Power Production	n: N/A	Buyer of Electricity:	N/A	End User:	III III Olemania III III III III III III III III III I	N/A	
Contact:	N/A		N/A	Website:	N/A		
e CO ₂ Reduced (t/yr):	52,106 11,631 Cars		10 SA-222	Very dry landfill		
Ann	ual CO ₂ Equivalents			Comments:			
Aiiii	dai 002 Equivalents	3,01	2 Houses	1 Table 1			
Other:	29 Vertical wells, 3 leachate su	mps.					
	moved at the second at the sec						

Landfill:	Hartland Landfill	LASSA BULLION	Landfill Location:		The state of the s
	Landfill Owner	LFG SI	te Operator	Landfill	nformation
Ca	apital Regional District	Capital R	egional District	Opening Date:	Approx. 1954
Contact:	Chris Riddell	Contact:	Chris Riddell	Closing Date:	Phase I 1998, II 2040
Phone:	(250) 727-3331	Phone	(250) 727-3331	Waste in Place (Million Tonnes):	4.8
ax:	(250) 727-3328	Fax:	N/A	Waste Capacity (Million Tonnes):	11
criddell@crd.bc.	ca	criddell@crd.bc.ca		Leachate Recirculation:	N/A
www.crd.bc.ca		www.crd.bc.ca			
994	。	G Collection	ME 4000	CHARLES TO BE SEEN	_FG
Gas Collection S	System Installation:	Phase I - Aug. 199	91, Phase II - Jan. 1998	Methane Content	45%
Number of Horiz	contal Wells:	8300	10	LFG Captured	Methane Captured
Number of Vertic	cal Wells:		105	700 cfm	315 cfm
Gas Treatment:		Condensate traps (2)		28,544 m ³ /day	12,845 m ³ /day
Type of Flare (O	pen or Enclosed):	Er	nclosed	10,418,383 m ³ /year	3,074 tonnes/year
245920	B. 2. 是形法。	Flared	144 AMAR	TO THE PARTY OF TH	ilized
The state of the s	LFG	M	ethane	LFG	Methane
	700 cfm	315	cfm	0 cfm	0 cfm
	3,544 m ³ /day	12,845	m³/day	0 m ³ /day	0 m ³ /day
10,418	3,383 m ³ /year	4,688,273	m³/year	0 m ³ /year	0 m³/year
Electricity Prod	luction (MW):		2	Heat Production (BTU/yr):	N/A
Power Production	on: N/A	Buyer of Electricity:	B.C. Hydro	End User:	N/A
Contact:	N/A	www.b	chydro.com	Website:	N/A
e CO ₂ Reduced	(t/yr):	6	4,556	SE MAN U	tilization beginning Mar. 2004.
Annual CO ₂ Equivalents		14,410 3,732	Cars Houses	Comments:	
Other:	High water levels in landfill h	nas created reduction in LFG pote	ntial.		

Landfill Location:		Stride Avenue, Burnaby			
LFG Site C	perator	60 May 571	Landfill Info	rmation	
Phone (60	son Porter 4)294-7991	Opening Date Closing Date Waste in Place (Million Tonnes): Waste Capacity (Million Tonnes): Leachate Recirculation:		Early 1900's 1969 0.6 (closed)	
Fax: (60 porter@city.burnaby.bc.ca	4)294-7540			0.6 N/A	
G Collection	SWATE COLUMNS	ATEN ATTUE	LFG		
May 1		Methane Content LFG Captured M		28% Methane Captured	
39 N//	4	36 cfm 10 1,468 m³/day 411		10 cfm 411 m ³ /day	
Ope	en	535,803 m ³ /year		98 tonnes/year	
Flared	1945		Utiliz		
Meth	ane	LFC	G	Methane	
10 cfm 411 m³/ 150,025 m³/	day		0 cfm 0 m ³ /day 0 m ³ /year	0 cfm 0 m³/day 0 m³/year	
N/A	A	Heat Production (BTU/yr):	N/A	
Buyer of Electricity:	N/A	End User:		Field House	
N/A	A	Website:		N/A	
2,00	2,066 461 Cars 119 Houses		Systemis in start	-up testing phase. System operates 3	
			days per week.		
	2,00 461 Car	2,066	2,066 461 Cars Comments:	2,066 Systemis in start 461 Cars Comments:	