

2019

2020-035



2019

" "

"

"

2019

10

2019 12 31

1

355,835,250

2019

.....	1
.....	4
.....	8
.....	31
.....	59
.....	81
.....	88



			300422
			Guangxi Bossco Environmental Protection Technology Co.,Ltd.
			Bossco
			12
			530007
			12
			530007
			www.bossco.cc
			bskdb@bossco.cc

		12	12
		0771-3225158	0771-3225158
		0771-3225158	0771-3225158
		bskdh@bossco.cc	chengzx@bossco.cc

--	--	--	--

	2 27 28 ¹		2017.10.26-2019.06.14
	1088 23		2019.06.14-2020.12.31



"

2

	355,838,993
--	-------------

/	0.7937

	640,958,086.12	878,677,258.17	908,554,401.87	815,414,316.40
	70,826,639.02	70,488,504.12	102,454,262.67	38,674,928.33

	2019	2018	2017	
	9,071,584.28	164.57	-57,002.52	
	28,537,120.26	16,135,916.46	14,954,050.29	
			13,108,445.84	
	1,200,303.33		458,979.45	
	-209,062.99			
	-3,619,900.00	-4,516,200.00		
	120,000.00			
	-8,069,906.76			

1

/

2

UHOFe

/

UMAR

1

SMC

MCO

30%

MCO

2019

18

PPP

" "

PPP

"

"

MCO



2 MCI Multistage Contact Bioreactor Integrated Biofilm with Activated Sludge

MCI " MCI "

MCI MCI-A MBR A MCI-B B GB18918-2002

MCI

" " PPP " " PPP

MCI

高度集成化：
系统集缺氧、厌氧、好氧、MBR于一体，便于安装，减少土建费用。

清洁能耗低：
污泥回流和硝化液回流为内循环，曝气采用微气泡曝气，气液比小，曝气效率高，减少用电设备的使用，从而降低了系统的能耗。

环保友好型：
设备采用全封闭结构，设置可活动盖板，减少臭气的扩散。

全面自动化：
维护管理方便，不产生污泥膨胀，无二次污染。

污泥产量少：
采用MBR工艺，污泥浓度高，泥龄长，食物链长，产生的污泥量少。

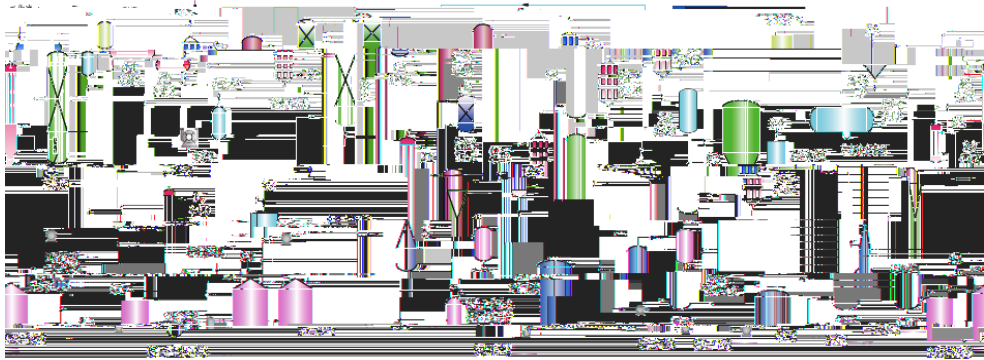
占地面
采用MBR工艺，体积小，占地面积少，特别适用于用地紧张的地区。

MCI产品创新



3
2019

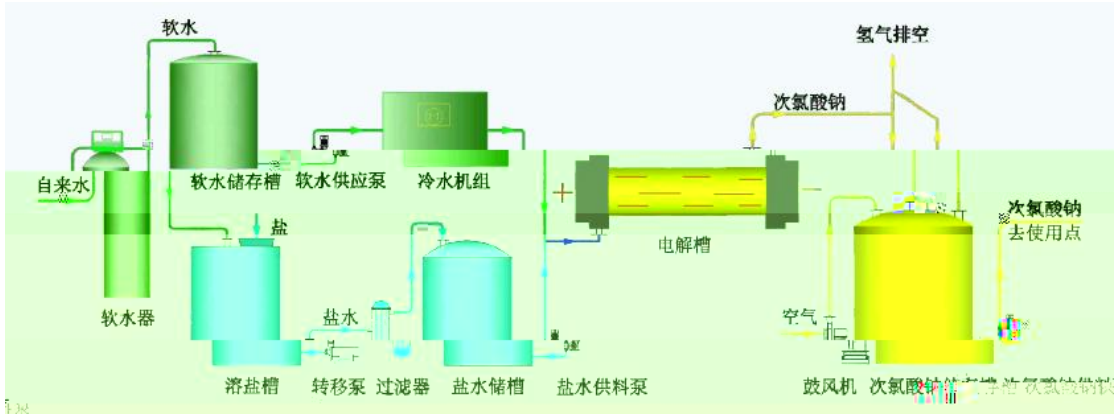
(UCAR)



▲ 污水处理各系统工艺流程图

5

-InSH



6



7



EP Engineering Procurement

" - "

2 EPC

EPC Engineering-Procurement-Construction

" - - "

EPC

" "

3 " - - " BOT

BOT



		291018.77		14.05%
	-	-	EPC	30,767.12
		15,882.83		
12,604.10			PPP	-
11,376.54				-
				EPC
	17,023.86			51.02%
11,030.07				



2020 4,830

3

2018 2

5 2020

90%

85% 2019 11

2020

2020 840 2035

2,000

4

" "

2020

2030 2050 2019

2017-2022

160 1 3.92

8.84 294 2,770 " "

15% 5% 1,517 4,420

5

" "

2020

35% 2019

46

2020 2025

2018 202 2.02



6	
2018	5
	" 2018" 11
2019	10
	2025 " "
2020	" "
	2022
	12%
2020	
7	
	2017 10



	820		110		400		30		260
	"		"	2	"		"		1
	1			2	"		"	2	
1	"		"	1		1	2019		15
								A	
			B						
	"						"		2019
5									
	"		"				"		"
			"	-		-	"		"
			"						

1

--	--	--	--	--



1		ZL201710044585.0	2019.06.25
2		ZL201810912454.5	2019.11.22
3		ZL201710832907.8	2019.11.26
1		ZL201820433731.9	2019.02.15
2		ZL201820177757.1	2019.02.15
3		ZL201820879654.X	2019.02.15
4		ZL201820635738.9	2019.02.15
5		ZL201820705147.4	2019.02.15
6		ZL201820880123.2	2019.02.15
7		ZL201821217984.9	2019.02.19
8		ZL201820434766.4	2019.02.19
9		ZL201821098560.5	2019.02.19
10		ZL201820274979.5	2019.03.01
11		ZL201820879238.X	2019.03.08
12		ZL201820883796.3	2019.03.08
13		ZL201820878708.0	2019.03.08
14		ZL201820845781.8	2019.03.15
15		ZL201820879254.9	2019.04.09



29		ZL201821437418.9	2019.06.21
30		ZL201821216850.5	2019.06.21
31		ZL201821412839.6	2019.06.21
32		ZL201821412873.3	2019.06.21
33		ZL201821265055.5	2019.06.21
34	- -	ZL201821265010.8	2019.06.25
35		ZL201821411222.2	2019.08.16
36		ZL201820891362.8	2019.08.16
37		ZL201821507118.3	2019.08.16
38		ZL201821042075.6	2019.08.20
39		ZL201821411251.9	2019.08.20
40	MBR	ZL201821712373.1	2019.09.10
41		ZL201821711374.4	2019.09.10
42		ZL201821711372.5	2019.09.10
43		ZL201821412789.1	2019.09.10
44		ZL201821265028.8	2019.09.10
45		ZL201821042200.3	2019.09.10
46		ZL201821711381.4	2019.09.10
47	-	ZL201821412087.3	2019.10.11
48		ZL201821412746.3	2019.10.11
49		ZL201822236616.5	2019.10.11
50		ZL201822236608.0	2019.10.11
51		ZL201822241344.8	2019.10.11
52		ZL201822241364.5	2019.11.22
53		ZL201920450248.6	2019.12.27
54		ZL201822211064.2	2019.11.29
55		ZL201822211056.8	2019.11.29
56	IC	ZL201822212213.7	2019.12.31
57		ZL201822211019.7	2019.12.31
58		ZL201822212211.8	2019.12.31
59		ZL201822211063.8	2019.12.31
60		ZL201920184326.2	2019.12.31

		2902		2017.11.28- 2020.5.30	— — —



		172012050615		2017.01.25- 2023.01.24	
		[2019] 0001		2019.02.12- 2022.02.11	-
		45010003071		2018.08.03- 2022.08.02	
		4501002018211		2018.10.25- 2021.10.24	
		JY33213240014 906		2016.06.28- 2021.06.27	
		2017 00001		2017.06.27- 2021.06.26	

AQB321324QG
201800058

2



4 —

2019

28,244.43 324,360.41 19.07%
20.30%

EP EPC

2019

16,213.48 173.43%

PPP

PPP

PPP

PPP

"

PPP " "

PPP

PPP " "

"

2019

1.05

103.66

61.6



"	InSH	"	"	UCAR	"	"	MCI	"	"
	BTTU"	"		ITTU"	"			"	"
				2019				"	"
				"				"	"
	"	"			"	"		"	"
				"				"	"
2019									
					EP	"		3000m ³ d	
	"	"		30	-			"	"
	5800m /d		"	"		1t/d			
"	"	TNPL	12t/d	"				3.58	
				"				PPP	
	"							1.3	
						90%		10%	
12									
2019									
	403.65%								
	"	"						"	"



1

30 EPC EP 50

2019

" " " " PPP

" "

" " EPC "

2

2017

RTTU

RTTU1.0 RTTU2.0

RTTU3.0

" " " "

" "

" 2019

1.34

"

"

" EPC " "

"

" "

"

"

"

3

"

"

"

" " 2019

" 6 "

"

450

450

"

"

"

"

4

19.72

2019

500

10

1

" " " "

2

1

	2019		2018		
	3,243,604,062.56	100.00%	2,724,023,569.51	100.00%	19.07%
	3,243,604,062.56	100.00%	2,724,023,569.51	100.00%	19.07%
	2,910,187,675.77	89.72%	2,551,723,569.40	93.67%	14.05%
1	2,529,882,779.60	78.00%	2,033,776,187.20	74.66%	24.39%
2	13,529,375.40	0.42%	54,010,041.45	1.98%	-74.95%
3	355,108,866.14	10.95%	368,544,085.27	13.53%	-3.65%
4	11,666,654.63	0.36%	95,393,255.48	3.50%	-87.77%
	170,238,591.75	5.25%	112,723,065.02	4.14%	51.02%
	162,134,801.00	5.00%	59,297,699.04	2.18%	173.43%
	1,042,994.04	0.03%	279,236.05	0.01%	273.52%
	3,243,604,062.56	100.00%	2,724,023,569.51	100.00%	19.07%
	845,272,462.12	26.06%	640,321,136.87	23.51%	32.01%
	1,470,611,229.22				



	139,426,785.53	4.30%	122,707,694.49	4.50%	13.63%
	336,763,739.81	10.38%	299,290,545.85	10.99%	12.52%
	89,326,595.24	2.75%	102,509,338.06	3.76%	-12.86%
	118,303,324.90	3.65%	45,065,088.59	1.65%	162.52%
	23,905,174.60	0.74%	31,140,237.09	1.14%	-23.23%
	3,243,604,062.56	100.00%	2,724,023,569.51	100.00%	19.07%

2

10%





5

		2019		2018		
		2,081,997,791.64	90.25%	1,826,998,185.91	93.85%	13.96%

5%

	320,363,001.70
	12.30%
	0.00

5

1		109,790,807.73	4.21%
2		82,856,704.13	3.18%
3		47,105,549.89	1.81%
4		41,215,910.46	1.58%
5		39,394,029.49	1.51%
	--	320,363,001.70	12.30%

5%

3

	2019	2018		
	65,702,731.23	54,669,630.76	20.18%	
	167,911,130.52	138,585,368.13	21.16%	
	169,819,722.31	102,431,735.00	65.79%	
	163,589,734.49	91,049,364.96	79.67%	

4

1

8

9

2018

"

"

10 VOCs
2019

VOCs

VOCs

VOCs

	2019	2018	2017
	820	860	448
	20.83%	42.18%	43.28%
	163,589,734.49	91,049,364.96	45,411,578.42
	5.04%	3.34%	3.09%
	582,748.61	2,679,322.16	-
	0.36%	2.94%	-
	0.21%	1.16%	



	2,350,211.35	0.74%		
	8,216,088.11	2.59%		
	27,138,911.53	8.55%		



	146,215,851.33	1.59%	81,606,718.97	1.25%	0.34%	
	159,891,781.20	1.74%	85,103,963.32	1.30%	0.44%	
	3,098,600.00	0.03%	378,300.00	0.01%	0.02%	
	897,177,007.53	9.77%	270,850,896.38	4.15%	5.62%	
	1,634,440,261.85	17.80%	1,168,619,362.29	17.89%	-0.09%	



	281,360,756.48	
	416,230,053.79	
	597,877,050.41	
	80,994,350.40	

348,551,216.72



	--	--	--	520,340,406.2 3	960,203,684.1 6	--	--	-	-	--	--	--

4

5

1

1

2016		53,618.19	888.64	53,719.14	-	-	-	0.00	-	-
	--	53,618.19	888.64	53,719.14	-	-	-	0.00	-	-



	2016	5,000	12	2018	8	7
	2018	8	8	2016	3,000	6
	2019	12	31	2016	2018	9
						13

3

2

1

2018		42,089.34	19,587.38	33,613.05	15,000.00	15,000.00	35.64%	1.84		-
	--	42,089.34	19,587.38	33,613.05	15,000.00	15,000.00	35.64%	1.84	--	-
		[2018] 617				2018	7			4,300,000
		100.00						430,000,000.00		
		9,106,603.76						420,893,396.24		
		2018	7	11						"
[2018] 17594	"									
2019	12	31								33,613.05
					8,500.00					1.84



2

	()	(1)	(2)	(3) (2)/(1)							
1		42,089.34	27,089.34	4,586.00	18,611.67	68.70%	2020-12				
PPP											
2		0	10,400.00	10,401.38	10,401.38	100.01%	2020-12				
3		0	4,600.00	4,600.00	4,600.00	100.00%	2019-06	60.23	60.23		
	-	42,089.34	42,089.34	19,587.38	33,613.05	-	-	60.23	60.23	-	-
		42,089.34	42,089.34	19,587.38	33,613.05	-	-	60.23	60.23	-	-
	1				PPP		2020	12			
	2019	10	17								
	PPP						2017	6	27	2020	12
	30										
							2020	10		2020	12
							2020	10			



	PPP								
	--	15,000.00	15,001.38	15,001.38	--	--	60.23	--	--
			" PPP "						
			" " 2019 2019						
	()		15,000.00	"	4,600	PPP	10,400	"	
			"			"			
							2019	3	21
	()		" "						
							2019	10	2020 12

1

2

100% 2,100 2019 12 15

10%





						32,255,189.24



1
2019

" "

" "

2020

(2019-2023)

11.07%

2023

14

2

1

2

2

2020

95%

90%

MCO

30%

3

/ /

4

" "

" "

5

"

"

"

"

"

"

1						
2017	2018	2019		262,721.02	480,675.14	718,429.75
		67.00%	73.57%	78.24%		



2017	2018	2019	28.88%	28.53%	28.88%
				"	"



2019 7 30			
-----------	--	--	--

		2015	2019	2017-2019
2019 5 16	2018		2018	2018
12 31	355,815,284		10	0.68
			2019 7 11	

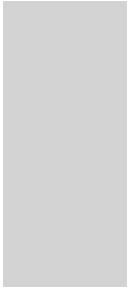


20%					
2019					
[2020]14815	2019	232,836,227.47	2019	10%	
	23,283,622.75	426,582,224.44	2019	2018	
		610,989,230.83			
2020	4	28			2019
		2019	12	31	355,835,250
1					35,583,525.00

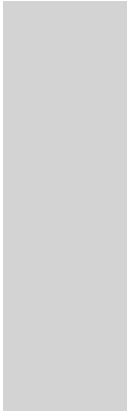
--	--	--	--

			3	30			
--	--	--	---	----	--	--	--

			5			
				2014 05 20		
				2014 05 (2014)		



			5		
		/		2014 5 20	
		/	/	2014 5 20	
			30	2015 1 9	
		30			



2016
5 12

I

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]



1 2019 1
1

2 2019 4 30 2019
[2019]6
" " " " " " "

3 2019 9 19

" " "

"

	95.00
	2 1

5,149.48

2019

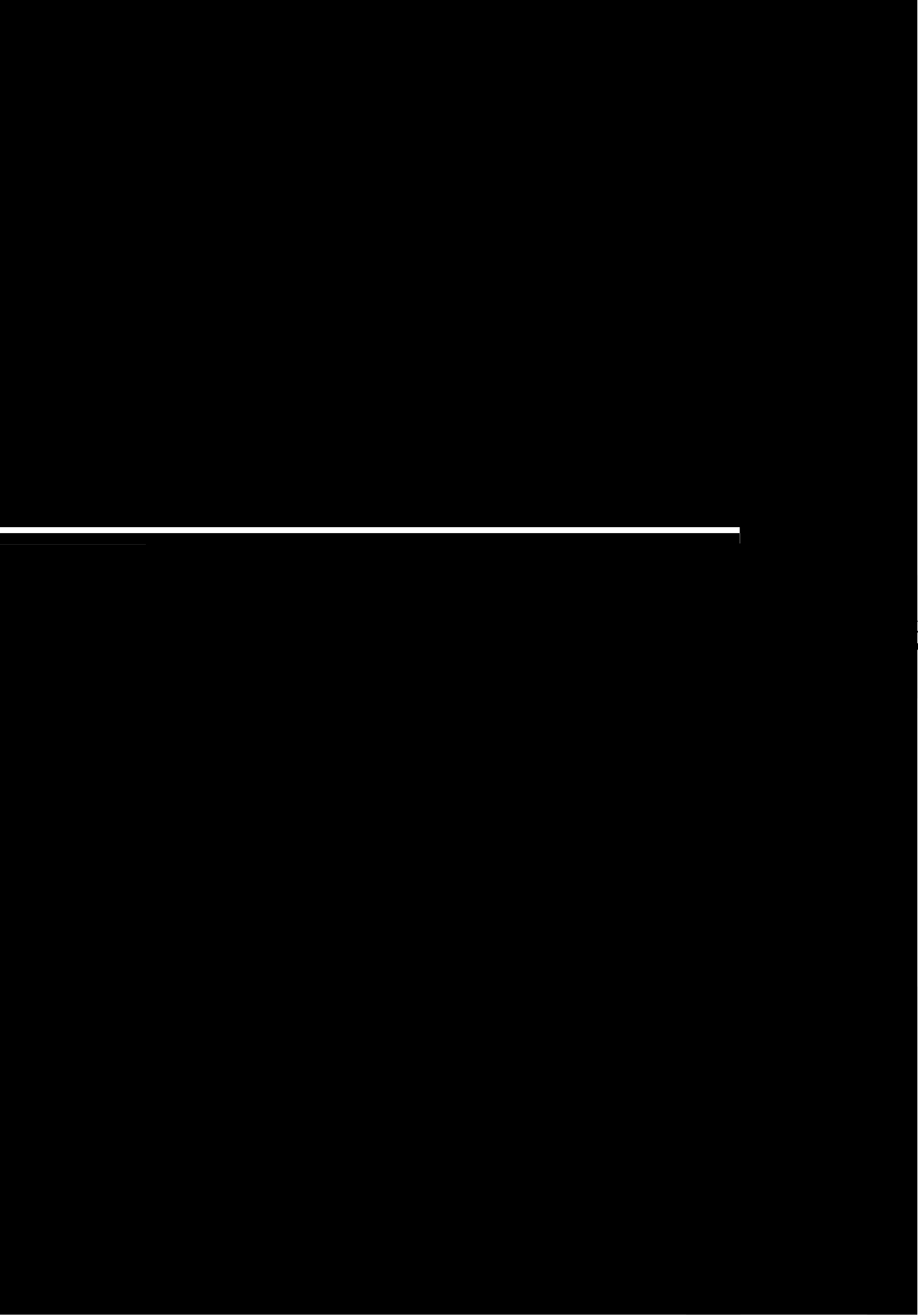
>

<2019

4

--	--	--	--	--	--	--	--	--

2,000.00 11,000.00 3,100.00 507.93 9,900.00





2018/06/08	8,000	2018/06/12	11,708.45	1
------------	-------	------------	-----------	---



		B2	
B3	288,298.30	B4	110,177.60
A1+B1+C1	147,523.30	A2+B2+C2	63,820.19
A3+B3+C3	288,298.30	A4+B4+C4	110,177.60
A4+B4+C4		61.55%	
D		0	
E 70%		88,736.11	
F 50%		20,677.89	
D+E+F		109,414.00	

2019

" "

2

1

2

2019

2020

" "

" " "

"

20

20

"

"

2

5

4.9

"

"

"

"

3

		/
	—	—
1.		51.9
2.		-
3.		-
	—	—
1.	—	—
1.1	—	
1.2		1
1.3		20
2.	—	—
3.	—	—

4.	—	—
4.1		



	99011
	[2009]323
91530422MA6K70F77K001Y	
	[2010]39
41422825MA492XNA1E001U	
	[2012]73
91420821MA493PTL3F001Q	
	[2006]218
91420821MA498DPL2R001U	

1





2				18,845,301			
3		2016		7,600,751	2019	11	4
			"	[2018]617	"	2018	7 5 430
			4.30		"	[2018]365	"
		2018	8	14	"	"	" 123010"
						"	"
2019	1	11					

¥

2

	56,779,314	18,926,438	0	75,705,752		
	9,286,218	0	0	9,286,218		
	9,286,218	0	0	9,286,218		
	2,532,605	0	0	2,532,605		
	2,532,605	0	37,500	2,495,105		
	534,661	178,220	0	712,881		
	619,081	0	0	619,081		
	657,070	0	46,650	610,420		
	520,591	0	0	520,591		
	464,311	0	0	464,311		
	168,840	0	23,250	145,590		
	281,214	0	151,957	129,257		
	7,600,751	0	7,600,751	0		2019 11 4
	91,263,479	19,104,658	7,860,108	102,508,029	-	-

1

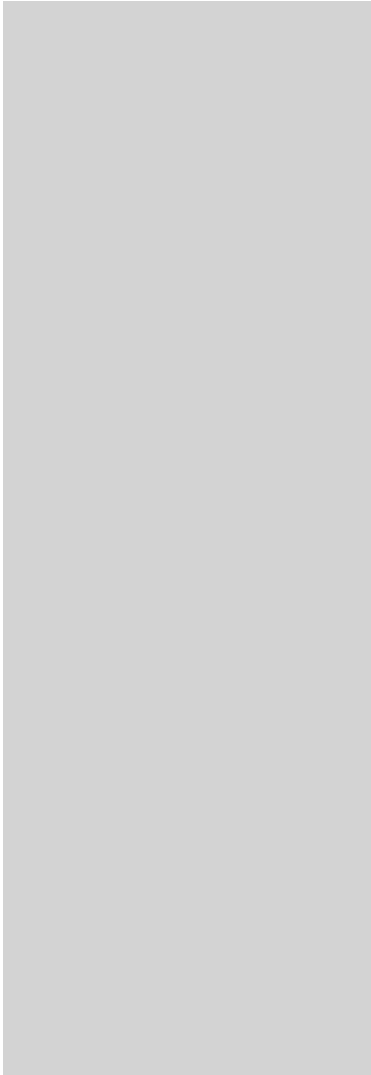
2

1

	24,809		28,222		0		0
		5%		10			
		21.28%	75,705,752	-	75,705,752	-	53,584,367
		3.48%	12,381,624	-	-	12,381,624	8,666,338
		3.48%	12,381,624	-	9,286,218	3,095,406	8,661,338



	3	10		
	10			
		12,381,624		12,381,624
		7,600,751		7,600,751



" "

" "

" "

" " 2019

" "

" " 2016 "

" "



	1					
	2	2015	11	11	11,000	
	3				7,600,751	80%
					2.14%	
	3				225,121	
						0.06%
10						

0.06%

225,121



" [2018]617 " 2018 7 5 430
 100 4.30 " [2018]365 "
 2018 8 14 " "
 " 123010" "
 " " " 2019 1 11 14.30 /
 2019 " "
 " " "
 12.45 / 2019 4 9
 2019 7 2018 " " 12.38 /
 2019 7 11

			()				()	
	2019-01-11 2024-07-05	4,300,000	430,000,000	274,700	19,966	0.01%	429,725,300	99.94%

1					319,934		



	(LOF)				
5			160,413	16,041,300	3.73%
6	5		158,858	15,885,800	3.70%
7			128,563	12,856,300	2.99%
8	LOF		96,796	9,679,600	2.25%
9			93,447	9,344,700	2.17%
10			87,091	8,709,100	2.03%



--	--	--	--	--	--	--	--	--	--	--	--	--

2019 7 2022 7
22





			2019 8 20	
			2019 11 20	

2019 11 20





2011 7

1981

2007 7

2008 2

1972

1996

DCS

1982

2001

2009 2

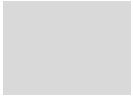
1979

2002

2007

7

		-		
		-		
		-		
		-		





			38		21.11	
			33		25.43	
	-	-	-	-	521.66	-



	1,590
	303
	1,296
	105
	642
	3,936
	296
()	2,281
	343
	1,016
	3,936

2

" 2019 "





3

3

1

4

9

1

8

1

14

7



1

0771-3225158

bskdb@bossco.cc

" "

bossco300422

" "

2





3

4

5

1

2019		5.2992%	2019-04-08	2019-04-08	
2019		0.6025%	2019-04-15	2019-04-15	
2018		0.2972%	2019-05-16	2019-05-16	
2019		6.0239%	2019-05-29	2019-05-29	
2019		0.1884%	2019-07-22		



	23	23	0	0	0		3
	23	23	0	0	0		3
	10	10	0	0	0		1

2019 7 21

2019 7 22

2

3

A

2019



2019

2019

2019

1

2

	2020 4 28	
	2020 4 28	2019
		100%



	3	2% 5% 0.6% 3% 0.2% 0.4% 2% 0.2% 2% 0.6%	
			0
			0
			0
			0



[2020]14815-2

" "

2019

3101 ---

3101 ---



	[2020]14815-2
	2020 4 28
	2020 4 28



							0.4%
							0.6%
							1.0%
		123010	2018-07-05	2024-07-05	42,972.53		1.5%
							1.8%
							2.0%



--	--



) "]

5





	2020 4 28
	[2020]14815

[2020]14815

š









1

2019 12 31

	2019 12 31	2018 12 31
	1,218,836,999.70	733,145,386.78
		6,126,196.16
	2,037,865,050.83	1,706,696,302.47
	9,491,937.92	
	72,737,697.54	84,905,847.68



	95,796,197.99	108,729,561.46
	243,523,174.48	150,624,402.49
	6,262,389.43	





	76,199,277.31	52,915,654.56
	762,510,487.36	527,545,029.95
	1,789,994,263.38	1,538,800,503.40
	208,019,614.26	188,000,718.91
	1,998,013,877.64	1,726,801,222.31
	9,182,311,354.05	6,533,552,589.02

2





	484,736,312.77	371,073,521.39
	105,940,424.30	63,476,024.06
	65,064,408.22	47,343,236.01
	1,937,290.76	2,914,169.09
	60,585,865.33	48,026,266.28
	36,463,612.40	19,625,467.76
	3,327,893,329.50	3,185,887,159.51
	7,216,055,191.84	5,793,140,104.55
	847,015,794.33	579,061,904.00
	3,098,600.00	
		378,300.00
	621,855,049.93	150,231,516.30
	1,236,019,361.21	939,967,310.47
	173,130,269.85	192,087,203.02
	22,746,587.41	26,183,546.25
	65,186,282.50	134,373,858.99
	491,481,909.34	401,700,257.10
	4,409,370.49	2,837,450.16
	623,509,854.45	220,313,364.40
	99,000,000.00	20,000,000.00
	4,183,043,709.02	2,664,297,260.53

[REDACTED]



	27,138,911.53	14,551,137.57
“ ”	7,725,565.54	-2,539,968.09
	479,931.50	1,597,931.91



	936,318.75	-48,533.11
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.	936,318.75	-48,533.11
9.		
	279,274,369.55	230,979,000.85

-472,860.93

-209,062.99

4







	1,200,303.33	
	1,647,845.47	27,700.00
	20,366,342.36	
		1,301.00
	142,576,254.66	29,001.00
	1,348,181,425.87	913,864,351.59
		182,490,000.00
	8,099,600.00	4,137,900.00
	1,356,281,025.87	1,100,492,251.59
	-1,213,704,771.21	-1,100,463,250.59
	35,568,600.00	66,399,100.00
	35,568,600.00	58,399,100.00
	2,465,102,444.63	2,065,004,363.52
	272,770,000.00	90,000,000.00
	2,773,441,044.63	2,221,403,463.52
	1,110,651,904.00	622,900,000.00
	213,285,088.61	120,743,242.69
	207,770,860.92	175,409,628.51
	1,531,707,853.53	919,052,871.20
	1,241,733,191.10	1,302,350,592.32
	3,445,228.27	-8,779.85
	136,300,361.05	159,347,202.82
	484,659,588.24	325,312,385.42
	620,959,949.29	484,659,588.24

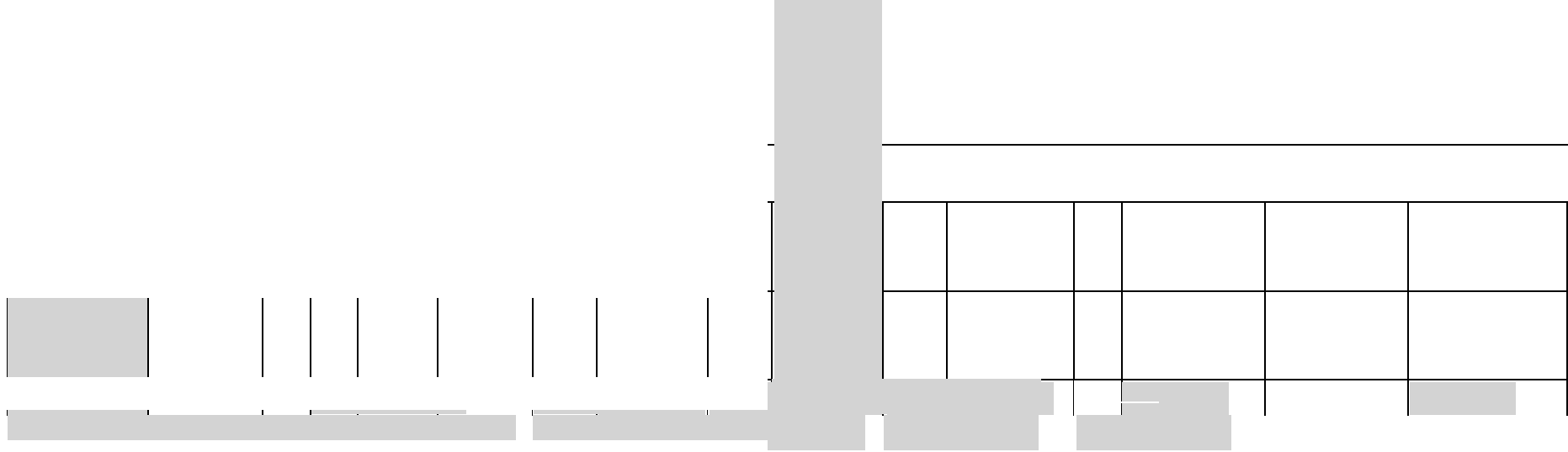
6

	2019	2018
	2,066,337,420.73	1,384,068,136.33
	270,519,039.40	277,796,198.09



2,336,856,460.13 |
1,510,299,114.02

1,661,864,334.42 |





2018													
	356,068,919.00			464,262,253									



3					1,629,600.00	-2,103,024.75							3,732,624.75		3,732,624.75
4					9,683,933.33								9,683,933.33		9,683,933.33
									20,572,070.53		-35,516,302.25		-14,944,231.72		-14,944,231.72
1									20,572,070.53		-20,572,070.53				
2															
3															





1									20,572,070.53	-20,572,070.53		-
2										-14,944,231.72		-14,944,231.72
3												

6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41

Bosco Envirotech .

PT.BOSSCO ENVIRONMENTAL PROTECTION TECHNOLOGY
INDONESIA

42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57

BOSSCO-INDIA ENVIRO-TECH PRIVATE LIMITED

		7			6
	1			2	
		2	1		
			"		" "
"					

1

2

12

1

1

“ ”

2

“ ”

" "

9

1

2

"

"

3

4

3

a

b

1

12

		%
4-5	5	80
5		100

13

14

16

1

2

3

42 —

42 —

42 —

42 —

17

()

2

3

1

2

5

19

1

3

4

1

2

3

75%]

4

90%]

90%]

5

[

75%

[90%

[90%

21

1

2

3

22

1

2

1

2

3

3

3

23

24

25

1

1

2

3

4

a.

b.

c.

d.

e.

f.

g.

2

1

2

3

4

5

26

3

4

29

1

2

30

1

2

1

2

3

4

1

2

3

31

32

1

1

2

3

4

5

2

/

1

2

3

4

1

1

2

2

1

2

3

4

5

1

2

33

1

1

2

PPP

PPP

3

PPP

PPP

,

2

1

2

3

4

a.

b.

2

36

1

3

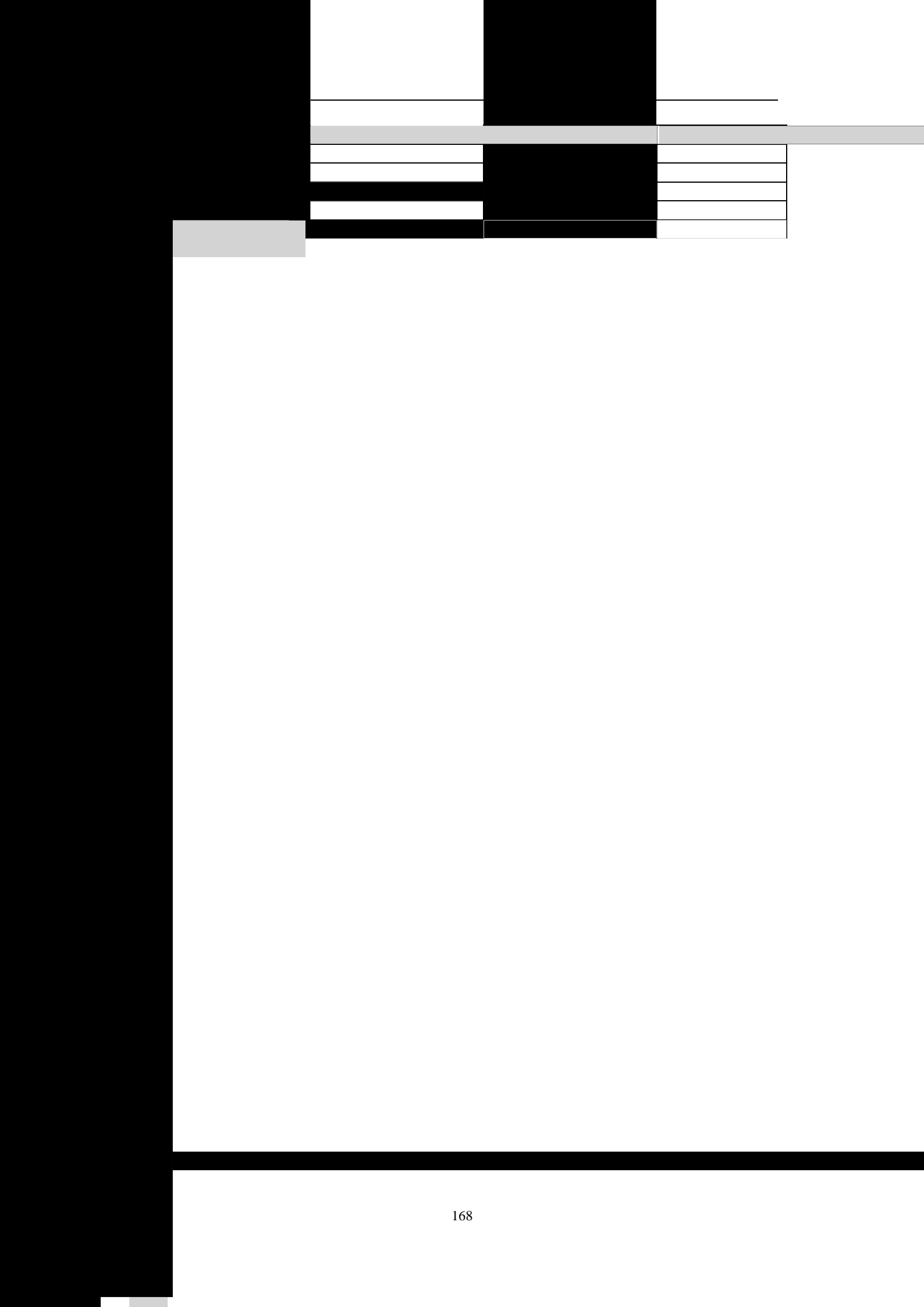
4

5

	1,706,696,302.47
	897,177,007.53
" " "	1,634,440,261.85
"	270,850,896.38



	759,304,395.45	759,304,395.45



- a.
- b.

1 **7%**

		16%	13%	10%	9%	6%	3%
	-	-					
		7%					



	15%
	15%
	15%
	15%
	15%
	15%
	15%
	16.5%
Bosco Envirotech Canada Limited.	26%
RemedX Remediation Service Inc.	27%

2

1

2017 7 31

GR201745000146

2017 -2019

15%

2018 10 17

GR201843000421

2018

-2020

15%

2017 11 30

GR201745000404

2017 -2019

15%

2018 8 15



-2021 15%

[2019]13
300

100 25% 20% 5%

100 300 50% 20%

10%

2019 100 2019

25% 20%

[2018]99

2018 1 1 2020 12 31 75% 2019

75%

2019 11 18

378 2017 1 3 — 2019

2016 70 50%

1 5 6 7

[2019] 67

[2012]10

1 3 4 6

2

[2019] 67

2019 1 1 -2020 12 31

[2015]78 < >

70% 2019 5 1 2019 7 31

[2001]97 2018 8 1 -2050 12 31

[2009]9 6%

[2014]57 2014 7 1 [2009]9

" 6% " " 3% "

2019 39 2019

4 1 10%

3 " "

2018 13 2020 12 31

1.5%

3

" " 2019 1 1 " " 2019 12 31 " "

2018 " " 2019 2018 12 31 2019 1 1

37 3 " "

1

	9,891.64	9,131.54
	620,950,057.65	484,650,456.70
	597,877,050.41	248,485,798.54
	1,218,836,999.70	733,145,386.78
	1,686,035.40	1,028,112.96



	597,877,050.41	248,485,798.54
--	----------------	----------------

1	363,882,437.82	597,877,050.41	5,200,000.00	227,370,951.71	1,423,660.88
2		1,686,035.40			
3					

2

4

	463,615,605.47	20.34%
31,233,564.99		

		11,211,515.88	1-2	9.40%	1,121,151.59
		11,000,000.00	4-5	9.22%	8,800,000.00
		4,500,000.00	2-3	3.77%	900,000.00
		3,795,197.31	1-2	3.18%	379,519.73
		3,000,000.00	3-4	2.52%	1,500,000.00

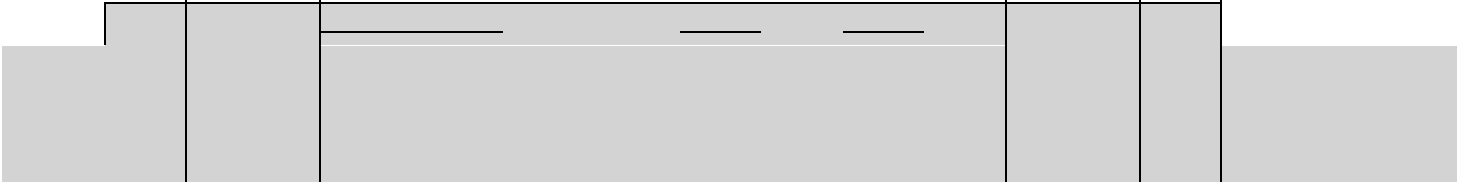


	539,860.73	1,601,899.63
		778,640.90
EPC		10,899,039.21
	6,262,389.43	13,978,676.72

2

3

17



18

19

20

1

1.				
2.	16,981,297.83			16,981,297.83

2

3

21

	637,190,035.63	488,615,448.38
	637,190,035.63	488,615,448.38

1

	(



1.	15,238,379.40	19,118,390.08	10,734,966.86	24,264,287.42
----	---------------	---------------	---------------	---------------

2	7,420,184.66	
7#	7,402,875.77	
8#	6,986,864.51	
6#	6,033,556.19	
	4,903,103.88	



PPP												
	352,798,100.00	106,688,098.00	176,100,979.36			282,789,077.36	80.16%	80.16%	8,600,3	33.89	4.999%	

,900.00

3

4

23

24



4.	210,893,577.41	17,493,655.87	7,799,466.00	7,302,185.20	30,242,500.00	650,087,231.47	3,301,417.80	927,120,033.75

1.



--	--	--	--	--	--	--	--

160KW

			5 5 28
			5
39,192, 110.28			5 11%-109% 0% 5 10% 2% 0%

WACC

Duff&Phelps()

14% 22.8% 25%

29

	7,778,901.23	484,231.43	1,895,036.51	6,368,096.15
	73,435.86	28,000.00	94,435.83	7,000.03
	1,264,327.57	2,711,377.49	444,953.62	3,530,751.44
	9,116,664.66	3,223,608.92	2,434,425.96	9,905,847.62

33

34

35

	241,625,391.15	16,000,000.00
	655,551,616.38	

1





2		4,716,054.98	4,716,054.98	
3	190,860.94	10,850,909.36	10,867,584.44	174,185.86
	173,154.76	8,826,027.49	8,844,140.25	155,042.00
	9,414.26	724,456.91	722,484.25	11,386.92
	8,291.92			

1

	2,243,414.25	1,222,108.76
	1,289,175.90	860,000.00
	1,890,703.56	1,261,340.37

44

	99,000,000.00	20,000,000.00
	99,000,000.00	20,000,000.00

1

	408,000,000.00	344,000,000.00
	207,850,000.00	272,710,000.00
	283,414,003.50	275,750,000.00
+	439,843,400.00	211,570,000.00
+	103,350,000.00	25,000,000.00
	1,442,458,303.50	1,129,030,000.00

4.75%-6.175%

46

1

	329,542,279.53	304,011,623.61
	329,542,279.53	304,011,623.61

2

49

50

	10,756,095.90	11,957,697.25	
	9,111,792.93	11,185,783.08	
	62,973,654.76	63,774,500.00	
		10,875,423.47	
	82,841,543.59	97,793,403.80	--

51

	155,082,228.31	57,111,265.33	7,777,755.03	204,415,738.61	
	155,082,228.31	57,111,265.33	7,777,755.03	204,415,738.61	--

2014	14,333,333.33			500,000.00			13,833,333.33	
2017	11,000,000.00						11,000,000.00	
	9,100,000.00						9,100,000.00	
	8,400,000.00	3,653,323.00					12,053,323.00	

7,000,000.00



	994,444.44			33,333.36			961,111.08	
2014	977,272.72			34,090.92			943,181.80	
—	800,000.00						800,000.00	

800,000.00



	50,000.00						50,000.00	

50,000.00



1				[2017]606		
			3,200.00	2017	2,256.00	2018
	500.00	444	2019			
	2018					
2				[2014]129		
2014		1,500	2014	750	2017	750

13		2017	
	-		14.00 2019
14		2016	
	-	10.00	2018

52

PPP	82,503,900.00	82,503,900.00
	60,630,000.00	20,000,000.00
	44,292,200.00	
	35,000,000.00	
	222,426,100.00	102,503,900.00

2019 12 31
44,292,200.00

" 1 "

2019 10

" "

3500

20.79%

35,000,000.00

53

		+ —	
--	--	-----	--

54

1

	2018 7 5	4.30		2024 7 5		2019
1 11		A		14.30 /		
		2019 4 8	2019			
	2019 4 9			12.45 /	2	
		2019 7 11	2018	"	"	
12.38 /		2019 7 11				
2019		"	" 2019			
"	"	"				"



	52,915,654.56	23,283,622.75		76,199,277.31

10%

60

	527,545,029.95	328,271,147.61
+ -		
	527,545,029.95	328,271,147.61
	282,444,334.14	234,790,184.59
	23,283,622.75	20,572,070.53
	24,195,253.98	14,944,231.72
	762,510,487.36	527,545,029.95

1
2
3
4

0
0
0

(89,719,658.10	32,121,875.54
	9,488,707.91	4,182,431.39



2018	250,000.00	
+	250,000.00	
2019	230,676.00	
2018	200,000.00	
	200,000.00	
2019	200,000.00	
	180,000.00	
	155,592.00	
	155,592.00	
	150,000.00	
	150,000.00	
	134,669.78	
2019	131,015.00	
	100,000.00	
	100,000.00	
	86,093.50	
	80,000.00	
66	80,000.00	
2014	66,666.64	66,666.65
2018	63,000.00	
	50,000.00	
2014	34,090.92	22,727.28
	33,333.36	5,555.56

985,000.00
800,000.00
750,000.00
600,000.00
590,000.00
545,829.28
483,333.33
460,000.00
400,000.00
390,000.00
382,000.00
355,992.00

--	--	--

72

73

	-760,186.43	164.57

74

	2,204,030.00	2,429,200.00	2,204,030.00
	13,000.00		13,000.00
	957.49		

			/
--	--	--	---

-2018			
2018	-	71,200.00	
2018	“	140,000.00	
2017	”	100,000.00	
1161	2017	50,000.00	
2018		250,000.00	
250,000.00			
2017		3,000.00	
		500,000.00	
		200,000.00	
	2,204,030.00	2,429,200.00	--

75

	1,072,088.00	13,010,190.56	1,072,088.00

	4,850,776.65	478,021.80	4,850,776.65
	8,216,088.11	13,534,230.52	8,216,088.11

76

1

	45,362,383.28	66,897,929.56
	-6,325,050.28	-32,467,950.64
	39,037,333.00	34,429,978.92

2

	317,375,383.80
/	79,343,845.95
	-32,727,311.73
	1,946,745.04



	12,000,000.00	
	2,629,694.12	2,497,123.06

	207,770,860.92	175,409,628.51
--	----------------	----------------

79

1

1	--	--
	278,338,050.80	231,027,533.96
	60,408,551.30	100,093,588.39
	39,894,250.21	25,587,897.62

	--
	--



			787,833.57
	147,476.38	5.3421	787,833.57
			213,658,112.45
	19,984,000.00	6.9762	139,412,380.80
	13,898,229.47	5.3421	74,245,731.65

2

RemedX Remediation Service Inc.	Calgary			
Bosco Envirotech Canada Limited.	British Columbia			

83

1

1,950.00

2

84

1





2019	7,500,000.00		
2018	5,178,300.00		5,178,300.00
2018	5,000,000.00		
PPP	4,000,000.00		
	3,653,323.00		
	3,443,740.00		



		355,592.00		
2019	“ ”	350,000.00		350,000.00
“	2017”	329,900.00		329,900.00
2018		324,800.00		324,800.00
		300,000.00		300,000.00
		283,894.37		283,894.37

2019

50,000.00

2

1

--	--	--	--	--	--	--	--	--

	518,263.10	508,713.86
	686,775.84	777,000.00
	15,382.04	10,689.66
	7,318,076.08	7,527,139.07

1

1

				100%		
				100%		
				93.33%		
				80%		
				100%		
				82.61%		
				100%		
				100%		

				80%		
				100%		
				100%		
				100%		
				80%		
				100%		

Bosco Envirotech
Canada limited.

British
Columbia

--	--	--	--	--	--	--

--	--	--	--	--

3

1





		4	2.82				00.00
	14,500,12 3.70	993,784,911.9 4	204,430,31 6.68	112,816.26	1,079,408. 40	7,829,729.86	190,678,5 25.92
	9,693,777. 92	837,996,411.5					

4

5

6

7

		30,000,000.00		30,000,000.00
			6,126,196.16	6,126,196.16
	1,706,696,302.47			1,706,696,302.47
	108,729,561.46			108,729,561.46
	13,978,676.72			13,978,676.72
	81,606,718.97			81,606,718.97

2

			1,031,261,525.98	1,031,261,525.98
		3,098,600.00		3,098,600.00
			897,177,007.53	897,177,007.53
			1,634,440,261.85	1,634,440,261.85
			106,761,130.57	106,761,130.57

		20,000,000.00	20,000,000.00
		1,129,030,000.00	1,129,030,000.00
		304,011,623.61	304,011,623.61
		43,294,676.97	43,294,676.97
		102,503,900.00	102,503,900.00

2

			1	1 3	3
	1,218,836,999.70	1,218,836,999.70			
	2,037,865,050.83	2,037,865,050.83			
	9,491,937.92	9,491,937.92			
	95,796,197.99	95,796,197.99			

			1	1 3	3
	733,145,386.78	733,145,386.78			
	1,706,696,302.47	1,706,696,302.47			



			1	1 3	3
	6,126,196.16	6,126,196.16			
	108,729,561.46	108,729,561.46			

3

	1	1-2	2-3	3	
	1,031,261,525.98				1,031,261,525.98
	3,098,600.00				3,098,600.00
	897,177,007.53				897,177,007.53

--	--

2019

1,950

	[] / ()	/ / ()	/
[]	5%	-17,651.15/-15,003.48	-15,003.48
[]	5%	-3,545,814.28/-3,013,942.14	-3,013,942.14
[]	-5%	17,651.15/15,003.48	15,003.48
[]	-5%	3,545,814.28/ 3,013,942.14	3,013,942.14

	[] / ()	

9

1

2

" 1 "

3

" 3 "

4

5

1

/

/

		32,493,667.05	54,500,677.36
		823,130.39	30,533,268.93
		33,316,797.44	85,033,946.29

2

/

/

3

4

% 500HNEQHaaadc8#5

Bosco Envirotech Canada Limited	8,421.77	2017/3/23	2020/4/6	
	14,385.00	2016/3/24	2029/3/25	
	5,240.00	2017/3/22	2039/3/29	
	5,041.00	2017/3/22	2039/6/26	
	3,576.00	2017/12/27	2039/12/27	
	4,140.00	2017/12/7	2034/12/6	
	14,000.00	2019/1/12	2036/1/17	
	10,000.00	2019/3/28	2036/12/20	
	5,000.00	2019/7/15	2041/7/14	
	1,856.49	2019/11/28	2027/12/25	

	400.00	2019/9/29	2020/3/27	
	1,000.00	2018/11/7	2022/3/20	
	1,000.00	2019/4/12	2022/4/23	
	2,019.23	2018/1/1	2022/6/3	
	7,667.22	2019/8/1	2022/12/10	
	2,965.50	2019/11/25	2023/12/24	
	3,788.19	2019/5/15	2022/9/24	
	1,956.02	2019/9/29	2022/5/15	
	5,622.50	2018/10/10	2023/4/2	
	6,898.68	2018/3/21	2037/2/25	
	5,100.00	2019/8/21	2036/9/21	

	560.00	2017/12/7	2022/3/27	
	500.00	2019/11/11	2023/11/11	
	10,000.00	2019/3/18	2022/12/26	
	2,330.00	2019/1/15	2022/1/14	
	1,800.00	2019/2/20	2022/2/19	
	1,630.00	2019/9/16	2022/9/15	
	1,529.60	2019/9/18	2022/9/17	
	3,640.00	2019/10/18	2022/10/17	
	1,354.08	2019/10/18	2022/10/17	
	471.00	2016/12/30	2022/1/5	
	6,000.00	2017/12/26	2022/1/2	
	16,769.56	2018/7/6	2023/2/28	
	19,522.28	2019/4/24	2023/7/10	
	6,704.31	2019/8/13	2023/12/17	
	27.18	2018/3/7	2023/9/8	
	13,600.00	2018/9/13	2020/12/4	
	22,814.26	2017/4/6	2023/10/17	

5

	40,000,000.00	2019-3-7	2020-8-22	1.6
	30,000,000.00	2019-3-22	2020-8-22	
	40,000,000.00	2019-11-1	2020-8-22	
				12

6

7

--	--	--

5,216,603.04

1

	129,750,000.00
	0
	0
	2019 48 11.69 /

36

48

30%

3

4

5

1

1

	40,927.99
	<u>40,927.99</u>

2

	4,429.22
	<u>4,429.22</u>

2

1

2

3



1

1 A
2020 2 24
[2020]302 7,000
12

2
2020 1

2019

2020

3 PPP
2020 4 28
" " " "
" " " PPP

98.26%
2019

2

					35,583,525.00
					35,583,525.00
2020 4 28				2019 12	
31	355,835,250		10	1	
		2019			

3

4

1

106,682,685.47

2

1		1		2,790,040.31
---	--	---	--	--------------

1	2		2	
---	---	--	---	--



	2,608,102,270.07	99.71%	238,199,085.75	9.13%	2,369,903,184.32	1,911,906,827.19	99.44%	179,217,422.88	9.37%	1,732,689,404.31
	2,608,102,270.07	99.71%	238,199,085.75	9.13%	2,369,903,184.32	1,911,906,827.19	99.44%	179,217,422.88	9.37%	1,732,689,404.31
	2,615,812,954.99	100.00%	245,909,700.00							

5

EPC	28,703,800.00	1,033,336.80
	28,687,700.00	1,032,757.20
	12,841,200.00	462,283.20
		,462.80

353,585,861.46

4

5

		64,993,900.00	1	15.13%	26,144,695.00

	30,000,000.00					30,000,000.00	
	50,000,000.00					50,000,000.00	
	50,000,000.00					50,000,000.00	
	10,395,800.00					10,395,800.00	
	20,000,000.00		20,000,000.00			0.00	
Bosco Envirotech Canada Limited.	5.18	34,061,617.52				34,061,622.70	
	4,184,400.00					4,184,400.00	
	93,330,000.00					93,330,000.00	
	22,800,000.00					22,800,000.00	
	5,000,000.00					5,000,000.00	
	81,000,000.00					81,000,000.00	
	140,256,700.00					140,256,700.00	
	49,760,000.00					49,760,000.00	
	68,664,400.00					68,664,400.00	
	51,000,000.00		51,000,000.00				



	20,000,000.00					20,000,000.00	
	20,000,000.00					20,000,000.00	
	54,440,600.00					54,440,600.00	
	29,160,000.00					29,160,000.00	

49,927,13>> B

2

	()									()	



	313,234,164. 15		89,361, 763.50	479,931.50					48,017, 197.14	272,369,529. 29	
	313,234,164. 15		89,361, 763.50	.54 42.84 2.							

899,600.00

2,886,840.00

6

1

	9,071,584.28	
	28,537,120.26	
	1,200,303.33	

	-8,069,906.76	

2019

2020 4 28