

广州港股份有限公司黄埔洪圣沙地块2号区

土壤污染修复效果评估报告

(简 本)

(备案稿)



土地使用权人：广州港股份有限公司

修复效果评估单位：生态环境部华南环境科学研究所

2023年12月



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1.1

1.2



2.1

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4

5

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7

8

9

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11

12

2.2

(1)

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(4)

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(27)

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(31)

(32)

(33)

(34)

(35)

(36)

(37)

(38)

(39)

(40)

(41)

(42)

(43)

(44)

(45)

(46)

(47)

(48)

2.3

1

2

3

4

5

6

7

8

9

10

11

2.4

2.5

1

2

3



4

5

3.1

3.1.1

3.1.2

1

Q_4^{ml}



2 **Q_4^{al}**

3.1.3

3.1.4

3.1.5

3.1.6

1

2

3

3.1.7

G1)

3.1.8

3.2

3.2.1

3.2.1.1

3.2.1.2

3.2.2

3.2.2.1

3.2.2.2

				151
319		a	5	
	6m			b
a	1, 2, 3-cd			
b	a	1, 2, 3-cd		
	604		3964	872
3092		8		a
b	a	1, 2, 3-cd		



1, 2, 3-cd 8 a b a

3.2.2.3

3.2.2.4

3.2.2.5

49221.28

2550.41

2453.72

3.3

3.3.1

	0.1mg/L	(GB14848-
	0.05mg/L	
	0.01mg/L	
a	0.5ug/L	
b	8.0 ug/L	
a	1.12 mg/L	HJ25.3-2019
(1,2,3-cd)	3.71 mg/L	

3.3.2

3.3.3

3.4

3.4.1

3.4.2

3.4.3

3.4.3.1

1 C

2 F

3 CC1-3

4

5

3.4.3.2

3.4.3.3

3.4.3.4

3.4.3.5

3.5

3.5.1

3.5.1.1

1

2

3

4



1

2

3

4

3.5.2

3.5.2.1

1

2

3

4

3.5.2.2

3.5.2.3

3.5.2.4

3.5.2.5

3.5.3

3.5.3.1

3.5.3.2

3.5.3.3

3.5.4

3.5.4.1

3.5.4.2

1

2

3

4

3.5.5

3.5.5.1

1	
2	
3	C20 20cm

3.5.5.2

1	90%
2	
3	
4	
5	
6	
7	
8	
9	
10	

3.6

3.6.1

3.6.2

3.6.3

3.6.4

3.6.5

3.6.5.1

3.6.5.2

3.6.5.3

3.6.5.4

3.6.5.5

3.6.6

3.6.6.1

1

2

3

3.6.6.2

1

4

2

1

2

1

1

3

3.6.6.3

1

1

4.1

1

3.3.1 3.3.2

2

3

4

5

4.2

4.2.1

4.2.2

4.3

4.4

4.4.1

4.4.1.1

4.4.1.2

4.4.1.3

4.4.1.4

4.4.1.5

4.4.2

(GB36600 2018)

2 /

3 G2-7

7 8 9

1~6

4.4.3

5.1

1

2

3

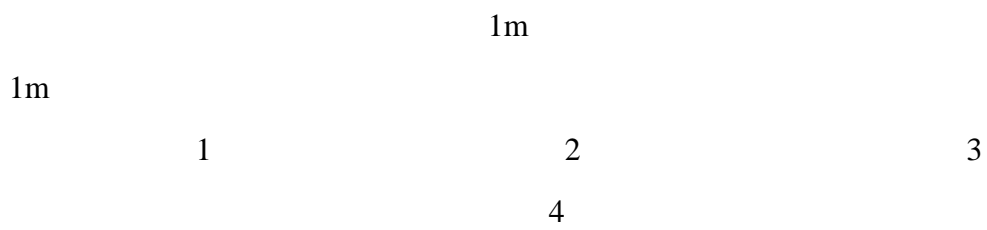
4

5

6

5.2

5.2.1



5.2.2



5.2.3

100 m²

				200 m ³	
				20 m	
0~3m	0.5m	3~6m	1m		
			2m		2

5.2.4

1600m ²		1		
			400 m ²	
				400
m ²				

5.2.5

5.3

5.3.1

5.3.1.1

5.3.1.2

2022 2 12 2022 9 17
109

5.3.1.3

5.3.2

5.3.2.1

5.3.2.2 /

5.3.3

5.3.3.1

5.3.3.2

5.3.4

5.3.4.1

5.3.4.2

2043m

3.4.3.8

5.3.5

5.3.6

5.3.7

1

2

3

1

2

5.3.8

5.3.8.1



5.3.8.2

5.3.8.3

2022 1 ~2023 12

6.1

6.1.1

()

HJ25.5-2018

HJ25.2-2019

HJ/ T166-2004

1998

HJ/T 20-

GB18599-2001

HJ 164-2020

1)

2)

3)

4)

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6)

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10)

11)

6.1.2

<4
<4

6.1.3

HJ/T 166-2004
HJ 25.2-2019

1

1

2

3

4

5

2

HJ/T 166-2004

() (HJ 25.5-2018)

()

1

PE

2

10%

3

HJ/T166-2004

6.1-2

6.2

6.2.1

6.2-1

6.2- 3

		PO ₄ ³⁻		

6.2.2

6.2.2.1

6.2.2.2

1



3

6.2.3

[2015]193

2021

9 27



7.1

A6-1-C-4 A6-2-C-3 LB01 B1-3-C-1
B1-3-D-2 B1-3-D-3 B1-4-C-5 B1-4-C-6 B2-1-D-2 B3-
2-C-1 B3-2-C-2 B3-2-C-3 B3-2-C-4

G1-1-D-3 LG03 0-0.5m G1-2 G1-2-C-2
() G1-4` G1-4`-C-1 G1-4`-C-2 G1-4`-C-3 G1-
4`-C-4 G1-4 G1-4-C-4 G1-4-C-2 G1-4-C-3 G1-
4-C-4

G1-7	G1-7-C-1	G1-7-C-3	G1-8	G1-8-C-3	G1-9	
G1-9-C-1	()	G1-12	G1-12-C-1	G1-12-C-2		
G1-12-C-3	G1-13	G1-13-C-1	G1-13-C-2	G1-13-C-3		
G1-13-C-4	G1-13-C-5	G1-13-C-7	G1-13-C-8			
G1-14	G1-14-C-1	G1-14-C-5	G1-14-C-6	G1-15	G1-	
15-C-5	G1-4`	G1-4`-D-1	G1-4`-D-2	G1-5	G1-5-	
D-1	G1-5-D-2	G1-5-D-3	, G1-8	G1-8-D-2		
G1-9	G1-9``-D-3	G1-12	G1-12-D-5	G1-13	G1-	
13-D``-1	G1-13-D``-2	G1-13-D`-1	G1-13-D`-2	G1-14		
G1-14``-D-1	LG03	0.5-1m	G2-5	G2-5-C-6		
G2-7	G2-7-C-7	LG03	1-1.5m	G3-3'''	G3-3'''-D-3	LG03
1.5-2m	G4-5	G4-2-C-3	LG03	2-2.5m	G5-2	G5-2-
C-6	G5-5	G5-5-D-3	LF02	0-0.5m	F1-2-C-2	F1-
2-C-3	F1-2-C-4	F1-2-D-3	LF03	0-0.5m	F1-3-C-1	
F1-3-C-2	F1-3-C-5	F1-3-D-1	F1-3-D-2			
	2022	2	12	2022	9	17
		109		LB01	1.0-1.5m	B3-
2	RE-B3-2-C-1	LG03	0-0.5m	G1-12	RE-G1-12-D-5	

7.2

7.3

2022 10 23 2023 1

15

7.4

7.5

7.6

7.7

1

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3

8.1

8.1.1

8.1.2

	2022	2	12	2022	9	17		
		109					LB01	1.0-1.5m B3-
2	RE-B3-2-C-1		LG03	0-0.5m	G1-12			RE-G1-12-D-5

8.1.3.2

8.1.3.3

2022 10 23 2023 1

15

8.1.3.4

8.1.3.5

8.1.3.6

8.1.3.7

8.1.3.8

8.1.4

8.2

8.2.1

8.2.2

HJ25.5-2018

2018 173

1,2,3-cd

a

b

a

GB/T14848-2017

IV

3

