609

1 1
1.1 1
1.2 2
1.3 2
1.3.1 2
1.3.2 3
1.3.3 3
1.4 3
1.5 4
1.6 4
2 5
2.1 5
2.1.1 5
2.1.2

2.3.3.5 14

3 16

3.1 16

3.1.1 16

3.1.2 16

3.1.3 16

3.1.4 16

3.2 17

3.2.1 17

3.2.2 17

3.2.3 17

3.2.4 17

3.3 18

3.3.1 18

3.3.2 18

3.3.2.1 18

3.3.2.2 18

3.3.2.3 18

3.3.2.4 18

3.3.3 18

3.3.3.1 18

3.3.3.2 2-6m 19

3.3.4 19

3.3.4.1 19

3.3.4.2 19

3.3.5 20

3.3.6 20

3.3.7 20

3.3.7.1 0-2m 20

3.3.7.2 2m 21

4.2 27
4.2.1 27
4.2.2 28
4.2.3 28
4.3 29
4.3.1 29
4.3.1.1 29
4.3.1.2 29
4.3.1.3 30
4.3.2 33
4.3.4 34
4.3.4.1 34
4.3.4.2 34
4.3.4.3 34
4.3.4.4 34
4.3.4.5 34
4.3.4.6 35
4.3.4.7 35
4.3.4.8 35
4.4 36

5.4.2 40
5.4.3 40
5.4.4 41
5.4.5 41
6 42
6.1 42
6.2 42
6.3 42
6.3.1 42
6.3.2 43
6.3.3 44
6.4 44
6.5 44
7 46
7.1 46
7.2 46
7.3 01/02 46
7.4 46
7.5 46
7.6 47
7.7 47
8 48
9 49

1

1.1

71542.72 m^2 609

1943

1 10t/h

2014

2018

2016 5 28

42 2017 7 1

2019 1 1 “

”

2017 6 30

2017 55

2018 82

2018 5

609

2-

510.10 m^2 157.35 m^2 235.32 m^2 166.78 m^2 1020.20m^3

629.40m^3 941.28m^3 667.12m^3 1069.55m^2 3258m^3

2020 5 609

/ +

2-

/

2020 5

1.2

1.3

1.3.1

1 2018 8 31

2019 1 1

2 2014

4 24

3 2014

8 31

4 42 2016 12 31

5

[2013]7 2013 1 23

6

[2014]66 2014 5 14

7 [2012]140

2012 11 27

8

2018 82

1.3.2

1 HJ 25.1-2014

2 HJ 25.2-2014

3 HJ 25.3-2014

4 HJ 25.4-2014

5 HJ25.5-2018

6 HJ682-2014

7 GB36600-2018

8 GBT14848-2017

1.3.3

1 609

2 609

3 609

4 609

5 609

6 609

7 609

1.4

1

2

3

4

1.5

609

1.6

HJ25.5-2018

2

2.1

2.1.1

609

71542.72m2

39 °10'11.69"-39 °10'24.90" 117 °10'46.97"-117 °10'59.64"

609

2.1.2

1

17.00m

3

1 2

3 0.80m 5.00m

-1.62 2.38m 4 1

~ ~ ~

2 ~

3

1.00 4.00m

-0.27 -2.70m 6 1

~ ~ 2

3

4

5

0.30m 13.50m

0-17m 0~2.0m

2.0~4.0m 4.0~14.0m 14.0~17.0m

2

16.50m 1

2018 4 16 ~2019 3

15 1.70 2.78m

0.93 2.31m

6.45‰

7 9 3 5

2.1.3

1

1078.5m

2

11.4 12.9℃ 12.9℃

3

200m

89.8 80m 2m 100m3/s

4

1

100 500m

50 10m

10 2.5m

2 1m

2

I Q4+3 70m

II Q2

180m 220m

III Q1+2 290 310m

IV Ql+N2 370m 430m

2.1.4

609 1943

1 10t/h

2014

2018

609 1943

609

“ ”

2.2

2.2.1

1

609

0.43 4m S14

3.3m 1.46

2

15 17

VOC SVOC

16

VOCs SVOCs

16 3

-1,2-

2 3

-1,2-

-1,2- GW3

1.58

2.2.2

1

609

4

2-

2-

6

HJ25.3-2019

EPA — IRIS

Slope Factors SFs Unit Risk Factors URFs Reference Doses RfDs Reference Concentrations RfCs

2.0-4.0m

2.0- 4.0m 2 2- 5.82E-05 1.43E-06 3 9.39E+00 2.25E+00 2.03E+00 2.0-4.0m

2

609

-1,2-

2

HJ25.3-2019

EPA — IRIS

Slope Factors SFs Unit Risk Factors URFs Reference Doses RfDs Reference Concentrations RfCs

1

2.3

2.3.1

609

609

2.3.2

4

2- 2.0~4.0m 2-

2.0~6.0m

2.0-4.0m 1069.55 m^2

3258 m^3

2.3.3

2.3.3.1

609

“ ” /

2-

2.3.3.2

2.3.3.3

2.3.3.4

1

1

2

10cm

/

2

3

4

GB 12523-2011 70dB 55dB

5

/

2-

1.7~2.78m

6

1

2

2.3.3.5

1

GB3095-2012

GB16297-1996 15m

200m 15m

50%

2

DB12/356-2018

3

GB12323-2011 75dB 55dB

GB3096-2008 2

60dB 50dB

4

3

3.1

3.1.1

3.1.2

1069.55 m^2

3.1.3

2-

2.3.1

3.1.4

2-

2020 6 23 2020 7 12

2020 7 13 2020 8 24

2-

2020 7 28 2020 9 10

3.2

3.2.1

2-

/ 2-

3.2.2

3.2.3

/

1649.6m3

1

2 ALLU

2000m^3/d 10h

3 / SUS01

4

3.2.4

0.75m 1.3m

3.3

3.3.1

“3.2.2 ”

3.3.2

3.3.2.1

3.3.2.2

3.3.2.3

ALLU

3.3.2.4

1990

90

3.3.3

3.3.3.1

6m 2020 7

5 609

9m U

1m

3.3.3.2 2-6m

0-2m

1:1 -2~-6m

1:0.67

0.2m 4.8m

45.3m 62.32m 156

1404m

+

11m 1m

70m

3.3.4

2020 7 12

2062.41m^3 1732.91 m^3

0-2m 2m-4m

2-6m 3.3.3.2

3.3.4.1

514.92 m^2 1029.83 m^3 2m-4m

1020.2 m^3 1029.83 m^3

3.3.4.2

6m 14.56m

14.20m 166.32 m^2

703.08m^3 629.4 m^3 703.08 m^3

3.3.5

2020 7 13 2020 7 14

/ 2

2020 7 15 2020 7 16

/ 2

ALLU

35%

3-7

1029.83 m^3 BWT6

3% 53.35t /

703.08m^3

BWS3 3% 33.99t

3.3.6

2016 1 18

2020 7 23 609

609

3.3.7

3.3.7.1 0-2m

0-2m 345.27 m^2

571.49 m^3 2- 0-2m

427.22 m^2 608.02 m^3

3.3.7.2 2m

2020 7 13 ~7 17

2- 2020 7 18 ~7 24

2-

MDL-150D φ150mm-φ250mm 28MPa

0.75m 1.3m 133

532m 0.75m 1.3m 175

700m

2-

S

S

3.3.7.3 2-

2-

2-4m

01

14m^2 28m^3

1.2

8.90t

3.3.8

3.3.9

4 2-4 m

1010 m^3 2-6 m 720 m^3

1700m^3

1730m^3

1730 m^3

4

GB36600-2018 45

3.3.10

2-

DB12/356-2018

3.4

3.4.1

3.4.2

3.4.3 /

/

/

/

/

3.5

3.6

609

3.6.1

/

1

V

GB17691-2005

2

3

VOCs PID VOC

3.6.2

1

2

3

3.6.3

1

2

50cm 10cm

3

4

3.6.4

1

2

3.6.5

1

2

3

4

609

4.1

4.1.1

4.1.2

609

609

2-4m 2-6m 2-

2-6m 2-6m

4.1.3

1

2

3

4

4.1.4

4.1.4.1

4.1.4.2

4.1.4.3

4.1.4.4

4.1.4.5

4.1.4.6

4.1.4.7

4.2

4.2.1

4.2.2

4.2.3

4.3

4.3.1

4.3.1.1

609

609 609

4.3.1.2

1

2

3

/

1

1

4.3.1.3

1

/

2- 0-2m 2-6m

2

Cu As

1 2

2-

2-

0.2m

600g/m^2

+2mm HDPE +600g/m^2

4 0.2m

3

——

4

6

5

2- 4

2-4m

2-6m 0-2m 2 2

1:1

6m U

9m 0.4m

6

15m

7

3

HDPE

5 7 7

8

2-

2-

1

4.3.2

2020 7

12 7 13

1500m^2

60m 25m 9m 5m

9m 5m

20000m^3/h

+

4.3.4

4.3.4.1

2020 7 13 2020 9 10

60

4.3.4.2

3

1

4.3.4.3

4.3.4.4

2dB

4.3.4.5

2

4.3.4.6

10

2-

10

4.3.4.7

——

4.3.4.8

1

!

4.4

1.

2. 609

3. 609

4. 609

4 0-2m

5

5.1

“ ”“ ”“ ” “

” “ ”“ ” “

”

5.1.1

609

4 4

2- 2.0~4.0m

2- 2.0~6.0m

2-

IV

5.1.2

609

609

2020 6 23 2020 7

12

2020 7 13 2020 8 24

2-

ALLU

5.1.3

	609	2018 5	
	609	2019 10	
	609	2020 1	
	609	2020 5	
	609	2020 7	
	609	2020 7	

	609		
	609		
	609		
	609		
	609		

5.2

5.3

2020 6 23 2020 8 24

5.4

5.4.1

1. 3258 m3 3380.15m^3
   500m^3
2. ALLU
3.

5.4.2

4
2- 2.0~4.0m
2- 2.0~6.0m

5.4.3

2018 4 16 ~2019 3 15
1.70 2.78m
0.93 2.31m

6

2020 7 28 2020 8 15 609

6.1

1m

3m

0~20cm

3m

500m^3

6.2

2020 7 28 7 31 -8 1 8 15

6.3

6.3.1

1

Chain Of Custody Record-COC COC

4℃

2

4

3

HJ25.1-2014

HJ25.2-2014 HJ

25.5-2018 HJ/T166-2004

6.3.2

01/02 26 2

7.69% 03/04

64 6

9.38% 9 1

11.11% 29

2 6.90%

6.90% -11.11%

6.3.3

RPD

RPD ±20%

±30% 10

10%

6.4

6.5

1

2

3

4

7

7.1

7.2

609 609

609

609

RTK

609

7.3 01/02

01/02

6.1.4.1 “ 02

” 26

7.77 mg/kg-1750 mg/kg 2000 mg/kg

609

7.4

01/02

0.39-0.65μg/L

17.6-60.5 μg/L

609

7.5

03 04 (2-)

DL04C1-01

(2-) 42mg/kg

04 2.5m

5m

609

7.6

29 4

7.7

01/02

03/04

8

609 609

609

-1,2-

9

(2-) 2020 6 23 2020 2020 9 10

1 609