

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF February 2021

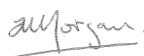
Operator: Valero Pembrokehire Oil Terminal Limited

Location: Waterston Refinery, Pembrokehire, SA73 1DR

Authorisation/Variation Number: BK1341/XP3134TC Release Point: C

	Flow (m <sup>3</sup> /day)	Temperature (°C)	pH	BOD (mg/l)	Suspended Solids (mg/l)	Ammoniacal Nitrogen (mg/l)	Total Oil (mg/l)
Day	Limit <b>10,000</b>	<b>30</b>	<b>max 9.0 min 6.0</b>	<b>50</b>	<b>70</b>	<b>5</b>	<b>30</b>
1	6,190	8	7.3		6	<0.1	<1
2	4,698	8	7.3	8			
3	5,486	6	7.6				
4	3,580	6	7.4	5	9		
5	1,704	6	7.3				
6	2,062	10	7.2				
7	2,485	4	7.4				
8	2,810	4	7.5		5	<0.1	<1
9	2,822	4	7.3	8			
10	921	5	7.4				
11	562	10	7.2	5	5		
12	540	6	7.2				
13	424	13	7.2				
14	639	11	7.5				
15	3,843	10	7.5		6	<0.1	<1
16	2,843	6	7.6	8			
17	2,986	7	7.5				
18	3,956	5	7.5	5	4		
19	3,649	9	7.2				
20	6,152	15	7.0				
21	7,020	11	7.3				
22	5,070	6	7.4		5	<0.1	2.3
23	4,180	7	7.7	8			
24	3,889	10	7.5				
25	5,241	8	7.5	5	4		
26	1,988	6	7.5				
27	1,978	9	7.7				
28	930	6	7.5				
Maximum	7,020	15	7.7	8	9	0.1	2.3
Minimum	424	4	7.0	5	4	0.1	1
Flow- Weighted Average	-	8	7.4	7	6	0.1	1

Signed on behalf of the Operator



Date

29 March 2021

Name


H Morgan

Form S3/W1

Dated 29/05/2010

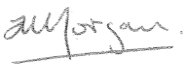
RELEASES TO WATER  
 RELEASE SUMMARY FOR THE MONTH OF February 2021  
 Operator: Valero Pembrokeshire Oil Terminal Limited  
 Location: Waterston Refinery, Pembrokeshire, SA73 1DR  
 Authorisation/Variation Number: BK1341/XP3134TC Release Point: C

	TOC (mg/l)	Sulphide (mg/l)	Total Phenols (mg/l)	Cyanide (mg/l)
Limit	50	1	7.5	0.25
Day				
1	1.8	<0.1	<0.1	<0.01
2				
3				
4				
5				
6				
7				
8	2.1	<0.1	<0.1	<0.01
9				
10				
11				
12				
13				
14				
15	2.3	<0.1	<0.1	<0.01
16				
17				
18				
19				
20				
21				
22	2.9	<0.1	<0.1	<0.01
23				
24				
25				
26				
27				
28				
Maximum	2.9	0.1	0.1	0.01
Minimum	1.8	0.1	0.1	0.01
Flow- Weighted Average	2.3	0.1	0.1	0.01

Signed on behalf of the Operator by H. Morgan  Form S3/W2  
 Signature Date 29 March 2021 Dated 17/05/2010

RELEASES TO WATER  
 RELEASE SUMMARY FOR THE MONTH OF February 2021  
 Operator: Valero Pembrokeeshire Oil Terminal Limited  
 Location: Waterston Refinery, Pembrokeeshire, SA73 1DR  
 Authorisation/Variation Number: BK1341/XP3134TC Release Point: C

	Cadmium		Mercury		Lead	Copper	Iron	Nickel	Zinc	Chromium
	(ug/l)	(g/day)	(ug/l)	(g/day)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
<b>Limit</b>	<b>14</b>	<b>0.46</b>	<b>2</b>	<b>0.06</b>	<b>120</b>	<b>50</b>	<b>1400</b>	<b>150</b>	<b>150</b>	<b>50</b>
Date		<b>(kg/mth)</b>		<b>(kg/mth)</b>						
Week 1	<0.05	0.31	<0.1	0.62	<1.0	<3	56	<0.5	5	2.4
Week 2	<0.05	0.14	<0.1	0.28	<1.0	<3	76	<0.5	<4	<2.0
Week 3	<0.05	0.19	<0.1	0.38	<1.0	<3	124	1.0	7	2.4
Week 4	<0.05	0.25	<0.1	0.51	<1.0	<3	197	1.0	6	2.8
Week 5										
Maximum	0.05	0.31	0.1	0.62	1.0	3	197	1.0	7	2.8
Minimum	0.05	0.14	0.1	0.28	1.0	3	56	0.5	4	2.0
Total		0.006		0.013						
Flow-Weighted Average	0.05	-	0.1	-	1.0	3	114	1	6	2

Signed on behalf of the Operator   
 Name H Morgan

Date 29-Mar-21 Form S3/W3  
 Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF February 2021

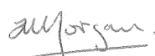
Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Waterston Refinery, Pembrokeshire, SA73 1DR

Authorisation/Variation Number: BK1341/XP3134TC Release Point: D

	Flow (m <sup>3</sup> /day)	Suspended Solids (mg/l)	BOD (mg/l)	Ammoniacal Nitrogen (mg/l)	Temperature (°C)	pH	Oil (mg/l)
Limit	3500	35	50	0.4	27	max 8.5 min 6.0	5
Day							
1	3,018						
2	3,345	1	29	<0.1	10	7.1	<1
3	3,190						
4	2,507	1			9	7.2	
5	3,044						
6	3,480						
7	3,489						
8	2,898						
9	2,561	0	29	<0.1	7	7.4	<1
10	2,393						
11	2,330	0			12	7.2	
12	2,321						
13	2,385						
14	2,265						
15	2,744						
16	2,528	1	29	<0.1	10	7.1	1.9
17	2,614						
18	2,988	2			12	7.5	
19	2,425						
20	3,075						
21	3,048						
22	2,646						
23	2,416	0	29	<0.1	11	7.4	<1
24	2,457						
25	2,453	1			10	7.2	
26	2,365						
27	2,454						
28	2,399						
Maximum	3,489	2	29	0.1	12	7.5	2
Minimum	2,265	0	29	0.1	7	7.1	1
Flow-Weighted Average	-	1	29	0.1		7.3	1

Signed on behalf of the Operator by



Date 29-Mar-21

H Morgan

Form S3/W4

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

February 2021

Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Waterston Refinery, Pembrokeshire, SA73 1DR

Authorisation/Variation Number: BK1341/XP3134TC

Release Point: D

	Cadmium		Mercury	
	(ug/l)	(g/day)	(ug/l)	(g/day)
<b>Limit</b>	<b>14</b>	<b>0.46</b> <b>(kg/mth)</b>		<b>0.06</b> <b>(kg/mth)</b>
Date				
Week 1	<0.05	0.17	<0.1	0.33
Week 2	<0.05	0.13	<0.1	0.26
Week 3	<0.05	0.13	<0.1	0.25
Week 4	<0.05	0.12	<0.1	0.24
Week 5				
Maximum	0.05	0.17	0.1	0.33
Minimum	0.05	0.12	0.1	0.24
Total		0.004		0.008
Flow-Weighted Average	-	0.05	-	0.1

Signed on behalf of the Operator by



Form S3/W34A

Date 29-Mar-21

Name H Morgan

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

February

2021

Operator: Valero Pembrokehire Oil Terminal Limited

Location: Waterston Refinery, Pembrokehire, SA73 1DR

Authorisation/Variation Number:

BK1341/XP3134TC

Release Point: D

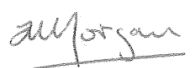
Day	Limit	Lead (ug/l) <b>50</b>	Copper (ug/l) <b>40</b>	Iron (ug/l) <b>1400</b>	Nickel (ug/l) <b>10</b>	Zinc (ug/l) <b>40</b>
1						
2		<1.0	<3	9	<0.5	<4
3						
4						
5						
6						
7						
8						
9		<1.0	<3	9	<0.5	<4
10						
11						
12						
13						
14						
15						
16		<1.0	12	52	25	65
17						
18						
19						
20						
21						
22						
23		<1.0	<3	23	<0.5	<4
24						
25						
26						
27						
28						
29						
30						
31						
Maximum		1.0	3	52	25.0	65
Minimum		1.0	3	9	0.5	4
Total (kg/mth)		0.01	0.06	0.27	0.075	0.22
Flow-Weighted Average		1	5	22	6.2	18

Signed on behalf of the Operator by

H Morgan

Form S3/W5

Date 29-Mar-21



Dated 17/05/2010