

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF April 2021

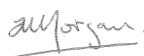
Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Waterston Refinery, Pembrokeshire, 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	704	8	7.6	5	4		
2	264	16	7.6				
3	391	13	7.7				
4	867	14	7.4				
5	805	8	7.3		4	<0.1	<1
6	382	8	7.6	6			
7	457	7	7.8				
8	216	6	7.8	9	9		
9	364	7	7.9				
10	314	13	7.6				
11	325	13	7.6				
12	320	7	7.8		10	<0.1	<1
13	313	7	7.4	6			
14	316	16	7.5				
15	39	15	7.4	9	8		
16	55	18	7.4				
17	758	18	8.3				
18	875	15	7.8				
19	204	18	7.8		35	<0.1	<1
20	722	14	7.7	6			
21	479	15	7.8				
22	1,196	16	7.7	9	5		
23	1,072	16	7.7				
24	288	13	8.2				
25	453	13	7.8				
26	377	14	7.7		10	<0.1	<1
27	433	13	7.7	6			
28	603	14	7.7				
29	369	13	7.6	9	9		
30	202	15	7.8				
Maximum	1,196	18	8.3	9	35	0.1	1
Minimum	39	6	7.3	5	4	0.1	1
Flow- Weighted Average	-	13	7.7	7	7	0.1	1

Signed on behalf of the Operator



Date

27 May 2021

Name


H Morgan

Form S3/W1

Dated 23/05/2010

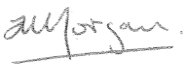
RELEASES TO WATER  
 RELEASE SUMMARY FOR THE MONTH OF April 2021  
 Operator: Valero Pembrokeshire Oil Terminal Limited  
 Location: Waterston Refinery, Pembrokeshire, SA73 1DR  
 Authorisation/Variation Number: BK1341/XP3134TC Release Point: C

	TOC (mg/l)	Sulphide (mg/l)	Total Phenols (mg/l)	Cyanide (mg/l)
Limit	50	1	7.5	0.25
Day				
1				
2				
3				
4				
5	4.2	<0.1	<0.1	<0.01
6				
7				
8				
9				
10				
11				
12	4.4	<0.1	<0.1	<0.01
13				
14				
15				
16				
17				
18				
19	4.6	<0.1	<0.1	<0.01
20				
21				
22				
23				
24				
25				
26	5.4	<0.1	<0.1	<0.01
27				
28				
29				
30				
31				
Maximum	5.4	0.1	0.1	0.01
Minimum	4.2	0.1	0.1	0.01
Flow- Weighted Average	4.6	0.1	0.1	0.01

Signed on behalf of the Operator by H. Morgan  Form S3/W2  
 Signature Date 27 May 2021 Dated 17/05/2010

RELEASES TO WATER  
 RELEASE SUMMARY FOR THE MONTH OF April 2021  
 Operator: Valero Pembrokeshire Oil Terminal Limited  
 Location: Waterston Refinery, Pembrokeshire, 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		(kg/mth)		(kg/mth)						
Week 1	<0.05	0.04	<0.1	0.08	<1.0	<3	39	0.5	<4	2.6
Week 2	<0.05	0.02	<0.1	0.03	<1.0	<3	<20	0.7	<4	2.7
Week 3	<0.05	0.01	<0.1	0.02	<1.0	<3	<20	1.4	4	2.2
Week 4	<0.05	0.02	<0.1	0.04	<1.0	<3	183	1.5	<4	2.1
Week 5										
Maximum	0.05	0.04	0.1	0.08	1.0	3	183	1.5	4	2.7
Minimum	0.05	0.01	0.1	0.02	1.0	3	20	0.5	4	2.1
Total		0.001		0.001						
Flow-Weighted Average	0.05	-	0.1	-	1.0	3	65	1	4	2

Signed on behalf of the Operator 

Name H Morgan Date 27-May-21 Form S3/W3 Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF April 2021

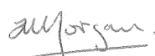
Operator: Valero Pembrokeshire Oil Terminal Limited

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	538	3			13	7.0	
2	549						
3	589						
4	547						
5	463						
6	735	<1	22	<0.1	12	7.0	<1
7	636						
8	2,638	6			16	8	
9	1,541						
10	1,423						
11	1,424						
12	1,327						
13	484	<1	40	<0.1	12	7.1	<1
14	421						
15	824	2			15	7	
16	408						
17	198						
18	180						
19	490						
20	290	3	40	<0.1	15	7.4	<1
21	409						
22	72	4			19	7.3	
23	135						
24	454						
25	442						
26	447						
27	458	2	40	<0.1	14	7.1	<1
28	487						
29	35	1			12	7.0	
30	0						
Maximum	2,638	6	40	0.1	19	8.0	1
Minimum	0	1	22	0.1	12	7.0	1
Flow-Weighted Average	-	4	33	0.1		7.2	1

Signed on behalf of the Operator by



Date 27-May-21

H Morgan

Form S3/W4

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

April 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	0.04	<0.1	0.07
Week 2	<0.05	0.02	<0.1	0.05
Week 3	<0.05	0.01	<0.1	0.03
Week 4	<0.05	0.02	<0.1	0.05
Week 5				
Maximum	0.05	0.04	0.1	0.07
Minimum	0.05	0.01	0.1	0.03
Total		0.001		0.001
Flow-Weighted Average	-	0.05	-	0.1

Signed on behalf of the Operator by



Form S3/W34A

Date 27-May-21

Name H Morgan

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

April

2021

Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Waterston Refinery, Pembrokeshire, SA73 1DR

Authorisation/Variation Number:

BK1341/XP3134TC

Release Point: D

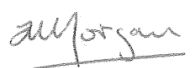
Day	Limit	Lead (ug/l) <b>50</b>	Copper (ug/l) <b>40</b>	Iron (ug/l) <b>1400</b>	Nickel (ug/l) <b>10</b>	Zinc (ug/l) <b>40</b>
1						
2						
3						
4						
5						
6		<1.0	<3	<20	<0.5	<4
7						
8						
9						
10						
11						
12						
13		<1.0	<3	90	2.8	12
14						
15						
16						
17						
18						
19						
20		<1.0	<3	123	<0.5	<4
21						
22						
23						
24						
25						
26						
27		<1.0	34	578	2	167
28						
29						
30						
31						
Maximum		1.0	3	578	2.8	167
Minimum		1.0	3	20	0.5	4
Total (kg/mth)		0.02	0.16	2.78	0.022	0.67
Flow-Weighted Average		1	10	182	1.4	44

Signed on behalf of the Operator by

H Morgan

Form S3/W5

Date 27-May-21



Dated 17/05/2010