

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF July 2021

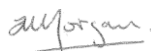
Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Waterston Refinery, Pembrokeshire, SA73 1DR

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

Day	Limit	Flow (m <sup>3</sup> /day)	Temperature (°C)	pH	BOD (mg/l)	Suspended Solids (mg/l)	Ammoniacal Nitrogen (mg/l)	Total Oil (mg/l)
		<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		238	15	7.8	22	20		
2		104	13	7.6				
3		77	16	7.6				
4		113	16	7.7				
5		164	11	7.8		13	<0.1	<1
6		473	10	7.5	33			
7		781	14	7.6				
8		96	18	7.7	23	13		
9		96	11	7.6				
10		112	17	7.2				
11		231	16	7.3				
12		384	14	7.5		22	<0.1	<1
13		331	17	7.5	19			
14		307	12	7.6				
15		340	16	7.5	24	22		
16		135	15	7.6				
17		320	19	7.4				
18		388	19	7.2				
19		404	19	7.4		18	<0.1	<1
20		572	16	7.4	40			
21		519	16	7.3				
22		436	17	7.6		18		
23		240	19	7.3	31			
24		119	19	7.2				
25		109	18	7.2				
26		118	16	7.2		14	<0.1	<1
27		111	15	7.2	33			
28		89	14	7.2				
29		403	18	7.3		18		
30		113	16	7.5				
31		121						
Maximum		781	19	7.8	40	22	0.1	1
Minimum		77	10	7.2	19	13	0.1	1
Flow- Weighted Average		-	16	7.5	30	19	0.1	1

Signed on behalf of the Operator



Date

31 August 2021

Name

H Morgan

Form S3/W1

Dated 23/05/2010

RELEASES TO WATER  
 RELEASE SUMMARY FOR THE MONTH OF July 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)
<b>Limit</b>	<b>50</b>	<b>1</b>	<b>7.5</b>	<b>0.25</b>
Day				
1				
2				
3				
4				
5		<0.1	<0.1	<0.01
6				
7				
8				
9				
10				
11				
12		<0.1	<0.1	<0.01
13				
14				
15				
16				
17				
18				
19		<0.1	<0.1	<0.01
20				
21				
22				
23				
24				
25				
26		<0.1	<0.1	<0.01
27				
28				
29				
30				
31				
Maximum	0.0	0.1	0.1	0.01
Minimum	0.0	0.1	0.1	0.01
Flow- Weighted Average	0.0	0.1	0.1	0.01

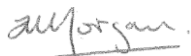
RESULTS DELAYED - WILL FOLLOW ASAP

Signed on behalf of the Operator by H. Morgan *H. Morgan* Form S3/W2  
 Signature Date 31 August 2021 Dated 17/05/2010

RELEASES TO WATER  
 RELEASE SUMMARY FOR THE MONTH OF July 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		(kg/mth)		(kg/mth)						
Week 1	<0.05	0.039	<0.1	0.08	<1.0	<3	954	2.4	<4	<2.0
Week 2	<0.05	0.015	<0.1	0.03	<1.0	<3	<20	<0.5	41	<2.0
Week 3	<0.05	0.026	<0.1	0.05	<1.0	<3	264	1.1	<4	2.9
Week 4	<0.05	0.004	<0.1	0.01	<1.0	<3	594	1.6	<4	2.0
Week 5										
Maximum	0.05	0.039	0.1	0.08	1.0	3	954	2.4	41	2.9
Minimum	0.05	0.004	0.1	0.01	1.0	3	20	0.5	4	2.0
Total		0.0007		0.001						
Flow-Weighted Average	0.05	-	0.1	-	1.0	3	555	1	11	2

Signed on behalf of the Operator



Form S3/W3

Name

H Morgan

Date 31-Aug-21

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF July 2021

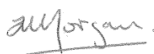
Operator: Valero Pembrokeshire Oil Terminal Limited

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	129	2			18	7.0	
2	15						
3	20						
4	18						
5	19						
6	306	3	8	<0.1	16	7.3	<1
7	1,364						
8	40	9			18	7.5	
9	32						
10	30						
11	90						
12	71						
13	974	1	12	<0.1	19	6.8	<1
14	869						
15	479	2			19	6.8	
16	145						
17	52						
18	60						
19	66						
20	75	1	12	<0.1	19	6.7	<1
21	79						
22	79	1			19	6.7	
23	95						
24	84						
25	45						
26	68						
27	63	1	8	<0.1	18	6.7	<1
28	627						
29	678	1			19	7.3	
30	669						
31	709						
Maximum	1,364	9	12	0.1	19	7.5	1
Minimum	15	1	8	0.1	16	6.7	1
Flow-Weighted Average	-	2	11	0.1		7.0	1

Signed on behalf of the Operator by



Date

31-Aug-21

H Morgan

Form S3/W4

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

July 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	0.0100	<0.1	0.013
Week 2	<0.05	0.0020	<0.1	0.004
Week 3	<0.05	0.0240	<0.1	0.048
Week 4	<0.05	0.0040	<0.1	0.008
Week 5				
Maximum	0.05	0.0240	0.1	0.048
Minimum	0.05	0.0020	0.1	0.004
Total		0.0003		0.001
Flow- Weighted Average	-	0.05	-	0.1

Signed on behalf of the Operator by



Form S3/W34A

Date 31-Aug-21

Name H Morgan

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

July

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	24	<0.5	<4
7						
8						
9						
10						
11						
12						
13		<1.0	<3	125	0.6	<4
14						
15						
16						
17						
18						
19						
20		<1.0	<3	103	<0.5	<4
21						
22						
23						
24						
25						
26						
27		<1.0	<3	110	<0.5	<4
28						
29						
30						
31						
Maximum		1.0	3	125	0.6	4
Minimum		1.0	3	24	0.5	4
Total (kg/mth)		0.01	0.03	1.11	0.006	0.04
Flow-Weighted Average		1	3	101	0.6	4

Signed on behalf of the Operator by

H Morgan

Form S3/W5

Date 31-Aug-21



Dated 17/05/2010