

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

July

2020

Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Waterston Refinery, Pembrokeshire, SA73 1DR

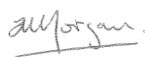
Authorisation/Variation Number:

BK1341/XP3134TC

Release Point: C

	Flow	Temperature	pH	BOD	Suspended Solids	Ammoniacal Nitrogen	Total Oil
	(m ³ /day)	(°C)		(mg/l)	(mg/l)	(mg/l)	(mg/l)
Limit	10,000	30	max 9.0 min 6.0	50	70	5	30
Day							
1	2,545	17	7.1				
2	2,769	17	7.1	3	8		
3	2,740	18	7.4				
4	3,324	17	7.2				
5	3,397	17	7.1				
6	2,661	17	7.2		8	<0.1	<1
7	2,604	18	7.1	8			
8	2,578	16	7.0				
9	3,091	17	6.8	4	12		
10	2,889	17	7.0				
11	3,833	19	6.8				
12	3,015	18	7.0				
13	2,866	19	7.0		6	<0.1	<1
14	3,479	17	7.0	8			
15	3,345	17	7.0				
16	2,641	17	6.9		8		
17	2,724	19	7.0	18			
18	3,103	14	7.0				
19	3,151	14	7.0				
20	2,436	25	7.0		12	<0.1	<1
21	2,789	16	7.0	8			
22	2,745	18	7.0				
23	5,540	17	6.9	3	6		
24	2,959	17	6.9				
25	2,920	18	6.7				
26	3,120	18	6.9				
27	2,938	18	6.9		12	<0.1	2
28	3,088	16	6.8	8			
29	3,067	17	7.0				
30	2,756	19	7.0	8	14		
31	2,883	19	6.9				
Maximum	5,540	25	7.4	18	14	0.1	2
Minimum	2,436	14	6.7	3	6	0.1	1
Flow-Weighted Average	-	18	7.0	7	9	0.1	1

Signed on behalf of the Operator


H Morgan

Date

26 August 2020

Name

Form S3/W1

Dated 23/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

July

2020

Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Waterston Refinery, Pembrokeshire, SA73 1DR

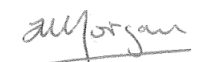
Authorisation/Variation Number: BK1341/XP3134TC

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				
6	10.6	<0.1	<0.1	<0.01
7				
8				
9				
10				
11				
12				
13	15.5	<0.1	<0.1	<0.01
14				
15				
16				
17				
18				
19				
20	10.7	<0.1	<0.1	<0.01
21				
22				
23				
24				
25				
26				
27	18.7	<0.1	<0.1	<0.01
28				
29				
30				
31				
Maximum	18.7	0.1	0.1	0.01
Minimum	10.6	0.1	0.1	0.01
Flow- Weighted Average	14.1	0.1	0.1	0.01

Signed on behalf of the Operator by
Signature

H. Morgan



Date 26 August 2020

Form S3/W2

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF July 2020

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)
Limit	14	0.46	2	0.06	120	50	1400	150	150	50
Date		(kg/mth)		(kg/mth)						
Week 1	<0.05	0.13	<0.1	0.27	<1.0	<3	<20	0.5	<4	3.9
Week 2	<0.05	0.14	<0.1	0.29	<1.0	<3	21	0.5	<4	5.2
Week 3	<0.05	0.12	<0.1	0.24	<1.0	<3	35	0.5	<4	5.3
Week 4	<0.05	0.15	<0.1	0.29	<1.0	<3	62	0.9	<4	4.8
Maximum	0.05	0.15	0.1	0.29	1	3	62	0.9	4	5.3
Minimum	0.05	0.12	0.1	0.24	1	3	20	0.5	4	3.9
Total		0.004		0.01						
Flow-Weighted Average	-	0.1	-	0.1	1.0	3	20	1	4	5

Signed on behalf of the Operator

H Morgan

Form S3/W3

Name

H Morgan

Date 26-Aug-20

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF July 2020

Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Waterston Refinery, Pembrokeshire, SA73 1DR

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

	Flow (m ³ /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	1,116						
2	2,383	4			17	7.3	
3	2,382						
4	2,444						
5	2,436						
6	2,409						
7	2,366	3	22	<0.1	18	7.4	<1
8	2,456						
9	2,558	4			17	6.9	
10	2,554						
11	2,478						
12	2,491						
13	2,624						
14	2,644	5	19	<0.1	16	7.0	<1
15	2,804						
16	1,045	4			18	6.6	
17	1,019						
18	868						
19	888						
20	929						
21	2,436	11	25	0.1	17	7.0	
22	2,401						<1
23	1,131	6			17	6.9	
24	640						
25	1,204						
26	730						
27	1,501						
28	1,710	5	29	<0.1	17	6.9	1
29	680						
30	1,203	8			18	7.2	
31	806						
Maximum	2,804	11	29	0.1	18	7.4	1
Minimum	640	3	19	0.1	16	6.6	1
Flow- Weighted Average	-	6	26	0.11		7.0	1

Signed on behalf of the Operator by

H Morgan

Date

26-Aug-20

H Morgan

Form S3/W4

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

July 2020

Operator: Valero Pembrokeshire Oil Terminal Limited

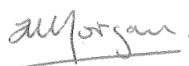
Location: Waterston Refinery, Pembrokeshire, SA73 1DR

Authorisation/Variation Number: BK1341/XP3134TC

Release Point: D

	Cadmium		Mercury	
	(ug/l)	(g/day)	(ug/l)	(g/day)
Limit	14	0.46 (kg/mth)		0.06 (kg/mth)
Date				
Week 1	<0.05	0.12	<0.1	0.24
Week 2	<0.05	0.13	<0.1	0.26
Week 3	<0.05	0.12	<0.1	0.24
Week 4	<0.05	0.09	<0.1	0.17
Week 5				
Maximum	0.05	0.13	0.1	0.26
Minimum	0.05	0.09	0.1	0.17
Total		0.004		0.007
Flow-Weighted Average	-	0.1	-	0.1

Signed on behalf of the Operator by



Form S3/W34A

Date

26-Aug-20

Name

H Morgan

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

July

2020

Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Waterston Refinery, Pembrokeshire, SA73 1DR

Authorisation/Variation Number: BK1341/XP3134TC

Release Point: D

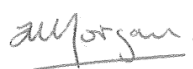
	Lead (ug/l)	Copper (ug/l)	Iron (ug/l)	Nickel (ug/l)	Zinc (ug/l)
Limit	50	40	1400	10	40
Day					
1					
2					
3					
4					
5					
6					
7	<1.0	<3	<20	0.5	<4
8					
9					
10					
11					
12					
13					
14	<1.0	<3	<20	<0.5	<4
15					
16					
17					
18					
19					
20					
21	<1.0	3	<20	<0.5	<4
22					
23					
24					
25					
26					
27					
28	<1.0	<3	<20	<0.5	12
29					
30					
31					
Maximum	1	3	20	0.5	4
Minimum	1	3	20	0.5	4
Total (kg/mth)	0.009	0.03	0.19	0.00	0.05
Flow-Weighted Average	1	3	20	0.5	5

Signed on behalf of the Operator by

H Morgan

Form S3/W5

Date 26-Aug-20



Dated 17/05/2010