

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

June

2021

Operator: Valero Pembrokehire Oil Terminal Limited

Location: Waterston Refinery, Pembrokehire, SA73 1DR

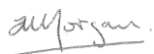
Authorisation/Variation Number:

BK1341/XP3134TC

Release Point: C

	Flow (m ³ /day)	Temperature (°C)	pH	BOD (mg/l)	Suspended Solids (mg/l)	Ammoniacal Nitrogen (mg/l)	Total Oil (mg/l)
Limit	10,000	30	max 9.0 min 6.0	50	70	5	30
Day 1	330	14	7.8	30		<0.1	5
2	237	13	7.6				
3	192	12	7.6	28	12		
4	285	14	7.4				
5	248	18	7.3				
6	334	18	7.5				
7	298	12	7.7		16	<0.1	<1
8	294	10	7.7	37			
9	225	11	7.6				
10	583	12	7.7	26	16		
11	434	12	7.6				
12	210	16	7.4				
13	148	16	7.6				
14	135	14	7.5		21	<0.1	<1
15	128	14	7.5	39			
16	124	13	7.6				
17	102	14	7.6	28	21		
18	114	10	7.5				
19	95	18	7.2				
20	116	17	7.3				
21	522	14	7.7		20	<0.1	<1
22	265	12	7.6	35			
23	142	11	7.6				
24	119	12	7.6	25	24		
25	99	11	7.5				
26	249	18	7.4				
27	178	18	7.5				
28	91	16	7.7		22	<0.1	<1
29	92	18	7.6				
30	178	14	7.7				
31							
Maximum	583	18	7.8	39	24	0.1	1
Minimum	91	10	7.2	25	12	0.1	1
Flow- Weighted Average	-	14	7.6	31	18	0.1	2

Signed on behalf of the Operator



Date

29 July 2021

Name

H Morgan

Form S3/W1

Dated 23/05/2010

RELEASES TO WATER
RELEASE SUMMARY FOR THE MONTH OF June 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				
6				
7	7.9	<0.1	<0.1	<0.01
8				
9				
10				
11				
12				
13				
14	9.1	<0.1	<0.1	<0.01
15				
16				
17				
18				
19				
20				
21	8.1	<0.1	<0.1	<0.01
22				
23				
24				
25				
26				
27				
28	8.8	<0.1	<0.1	<0.01
29				
30				
31				
Maximum	9.1	0.1	0.1	0.01
Minimum	7.9	0.1	0.1	0.01
Flow-Weighted Average	8.2	0.1	0.1	0.01

Signed on behalf of the Operator by
Signature

H. Morgan


Date 29 July 2021

Form S3/W2

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF June 2021

Operator: Valero Pembrokehire Oil Terminal Limited

Location: Waterston Refinery, Pembrokehire, 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	0.015	<0.1	0.03	<1.0	<3	44	0.5	<4	<2.0
Week 2	<0.05	0.007	<0.1	0.01	<1.0	<3	77	0.6	<4	<2.0
Week 3	<0.05	0.026	<0.1	0.05	<1.0	<3	49	<0.5	<4	<2.0
Week 4	<0.05	0.005	<0.1	0.01	<1.0	<3	88	0.9	<4	<2.0
Week 5										
Maximum	0.05	0.026	0.1	0.05	1.0	3	88	0.9	4	2.0
Minimum	0.05	0.005	0.1	0.01	1.0	3	49	0.5	4	2.0
Total		0.0004		0.001						
Flow-Weighted Average	0.05	-	0.1	-	1.0	3	55	1	4	2

Signed on behalf of the Operator

Name

H Morgan

Date 29-Jul-21

Form S3/W3

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF June 2021

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	582	3	12	<0.1	20	7.9	1.5
2	456						
3	184	3			16	7.0	
4	426						
5	60						
6	125						
7	130						
8	244	2	8	<0.1	16	7.1	<1
9	466						
10	429	3			16	7.2	
11	398						
12	329						
13	39						
14	20						
15	23	2	6	<0.1	17	7.2	<1
16	20						
17	22	2			17	7.1	
18	25						
19	26						
20	31						
21	33						
22	490	4	10	<0.1	16	7.5	<1
23	622						
24	123	2			17	7.4	
25	528						
26	29						
27	263						
28	44						
29	39	2		<0.1	18	7.3	<1
30	38						
Maximum	622	4	12	0.1	20	7.9	1
Minimum	20	2	6	0.1	16	7.0	1
Flow- Weighted Average	-	3	10	0.1		7.3	1

Signed on behalf of the Operator by

H Morgan

Date

29-Jul-21

H Morgan

Form S3/W4

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

June 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)
Limit	14	0.46 (kg/mth)		0.06 (kg/mth)
Date				
Week 1	<0.05	0.0100	<0.1	0.058
Week 2	<0.05	0.0122	<0.1	0.024
Week 3	<0.05	0.0012	<0.1	0.002
Week 4	<0.05	0.0245	<0.1	0.049
Week 5	<0.05	0.0020	<0.1	0.004
Maximum	0.05	0.0245	0.1	0.058
Minimum	0.05	0.0012	0.1	0.002
Total		0.0003		0.001
Flow-Weighted Average	-	0.05	-	0.1

Signed on behalf of the Operator by



Form S3/W34A

Date

29-Jul-21

Name

H Morgan

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

June

2021

Operator: Valero Pembrokehire Oil Terminal Limited

Location: Waterston Refinery, Pembrokehire, SA73 1DR

Authorisation/Variation Number:

BK1341/XP3134TC

Release Point: D

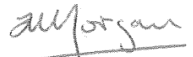
	Lead (ug/l)	Copper (ug/l)	Iron (ug/l)	Nickel (ug/l)	Zinc (ug/l)
Limit	50	40	1400	10	40
Day					
1	<1.0	<3	67	<0.5	<4
2					
3					
4					
5					
6					
7					
8	<1.0	<3	<20	<0.5	<4
9					
10					
11					
12					
13					
14					
15	<1.0	<3	136	0.6	<4
16					
17					
18					
19					
20					
21					
22	<1.0	<3	201	1.2	5
23					
24					
25					
26					
27					
28					
29	<1.0	<3	<20	<0.5	<4
30					
31					
Maximum	1.0	3	201	1.2	5
Minimum	1.0	3	20	0.5	4
Total (kg/mth)	0.01	0.03	0.91	0.006	0.04
Flow-Weighted Average	1	3	106	0.8	4

Signed on behalf of the Operator by

H Morgan

Form S3/W5

Date 29-Jul-21



Dated 17/05/2010