

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF May 2020

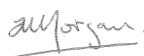
Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Waterston Refinery, Pembrokeshire, 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	3,223	11	7.5				
2	2,955	11	7.2				
3	2,847	15	7.3				
4	2,976	8	7.4		7	<0.1	<1
5	2,676	7	7.3	7			
6	3,192	9	7.3				
7	2,779	15	7.4	3	2		
8	2,759	5	7.3				
9	2,432	5	7.3				
10	2,078	5	7.4				
11	2,963	5	7.3		2	<0.1	<1
12	3,078	8	7.5	8			
13	3,059	14	8.0				
14	3,051	7	7.4	3	3		
15	3,210	15	7.8				
16	3,150	8	7.2				
17	3,039	8	7.3				
18	3,031	8	7.3		1	<0.1	<1
19	3,022	8	7.3	8			
20	2,670	10	7.4				
21	2,584	12	7.5	3	4		
22	2,551	14	7.5				
23	2,627	18	7.1				
24	2,607	18	7.1				
25	2,464	13	7.3		5	<0.1	<1
26	2,485	13	7.4	3			
27	2,577	19	7.3				
28	2,666	20	7.0	7	1		
29	2,557	20	7.2				
30	3,446	20	7.2				
31	1,915	20	7.2				
Maximum	3,446	20	8.0	8	7	0.1	1
Minimum	1,915	5	7.0	3	1	0.1	1
Flow-Weighted Average	-	12	7.3	5	3	0.1	1

Signed on behalf of the Operator



Date

25 June 2020

Name


H Morgan

Form S3/W1

Dated 23/05/2010

RELEASES TO WATER
 RELEASE SUMMARY FOR THE MONTH OF May 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	8.9	<0.1	<0.1	<0.01
5				
6				
7				
8				
9				
10				
11	2.6	<0.1	<0.1	<0.01
12				
13				
14				
15				
16				
17				
18	2.5	<0.1	<0.1	<0.01
19				
20				
21				
22				
23				
24				
25	4.5	<0.1	<0.1	<0.01
26				
27				
28				
29				
30				
31				
Maximum	8.9	0.1	0.1	0.01
Minimum	2.5	0.1	0.1	0.01
Flow- Weighted Average	4.6	0.1	1.0	0.01

Signed on behalf of the Operator by H. Morgan  Form S3/W2
 Signature Date 25 June 2020 Dated 17/05/2010

RELEASES TO WATER
 RELEASE SUMMARY FOR THE MONTH OF May 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	0.15	<0.1	0.30	<1.0	<3	<20	<0.5	<4	<2.0
Week 2	<0.05	0.15	<0.1	0.30	<1.0	<3	<20	<0.5	<4	<2.0
Week 3	<0.05	0.15	<0.1	0.30	<1.0	<3	<20	<0.5	<4	<2.0
Week 4	<0.05	0.12	<0.1	0.25	<1.0	<3	<20	<0.5	<4	<2.0
Week 5										
Maximum	0.05	0.15	0.1	0.30	1	3	20	0.5	4	2.0
Minimum	0.05	0.12	0.1	0.25	1	3	20	0.5	4	2.0
Total		0.004		0.01						
Flow-Weighted Average	-	0.1	-	0.1	1.0	3	20	1	4	2

Signed on behalf of the Operator



Form S3/W3

Name

H Morgan

Date 25-Jun-20

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF **May** 2020

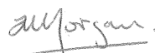
Operator: Valero Pembrokeshire Oil Terminal Limited

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	2,189						
2	2,254						
3	2,235						
4	1,461						
5	497	1	25	<0.1	8	6.9	<1
6	1,665						
7	975	13			19	6.9	
8	416						
9	386						
10	425						
11	442						
12	431	3	21	<0.1	17	7	<1
13	425						
14	2,270	18			12	8	
15	2,272						
16	2,024						
17	481						
18	430						
19	546	2	25	<0.1	13	6.8	<1
20	372						
21	496	7			16	8.4	
22	468						
23	1,168						
24	449						
25	421						
26	423	2	20	<0.1	17	7.0	<1
27	456						
28	438	2			20	6.8	
29	433						
30	1,214						
31	949						
Maximum	2,272	18	25	0.10	20	8.4	1
Minimum	372	1	20	0.1	8	6.8	1
Flow-Weighted Average	-	10	23	0.05		7.2	1

Signed on behalf of the Operator by



Date

25-Jun-20

H Morgan

Form S3/W4

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

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

Signed on behalf of the Operator by



Form S3/W34A

Date 25-Jun-20

Name H Morgan

Dated 17/05/2010

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

May

2020

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) 50	Copper (ug/l) 40	Iron (ug/l) 1400	Nickel (ug/l) 10	Zinc (ug/l) 40
1						
2						
3						
4						
5		<1.0	<3	<20	<0.5	<4
6						
7						
8						
9						
10						
11						
12		<1.0	<3	<20	<0.5	<4
13						
14						
15						
16						
17						
18						
19		<1.0	<3	<20	<0.5	<4
20						
21						
22						
23						
24						
25						
26		<1.0	<3	<20	<0.5	<4
27						
28						
29						
30						
31						
Maximum		1	3	20	0.5	4
Minimum		1	3	20	0.5	4
Total (kg/mth)		0.002	0.01	0.04	0.01	0.01
Flow-Weighted Average		1	3	20	1	4

Signed on behalf of the Operator by

H Morgan

Form S3/W5

Date 25-Jun-20



Dated 17/05/2010