

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

December 2021

Operator: Valero Pembrokeshire Oil Terminal Limited

Location: Main Road, Waterston, Pembrokeshire, SA73 1DR

Permit Number: EPR/BK1341IN

Variation Number: EPR/BK1341IN/V007 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	543	8	7.4				
2	1,544	7	7.3	3	4		
3	13	7	7.4				
4	11	9	7.2				
5	16	9	7.2				
6	7	7	7.3		7	<0.1	<1
7	7	7	7.4	16			
8	6	6	7.4				
9	5	6	7.4	11	8		
10	6	6	7.1				
11	665	14	7.2				
12	818	11	7.2				
13	166	6	7.3		4	<0.1	<1
14	368	7	7.4	12			
15	1,003	7	7.4				
16	1,487	6	7.4	6	6		
17	465	8	7.3				
18	553	10	7.3				
19	968	10	7.3				
20	1,770	5	7.4		4	<0.1	<1
21	3,170	5	7.4	11			
22	392	6	7.5				
23	641	9	7.5	6	4		
24	2	6	7.3				
25	30	13	7.3				
26	102	13	7.3				
27	648	12	7.2		2	<0.1	<1
28	1,667	13	7.2	9			
29	57	10	7.2				
30	1,461	12	7.1		5		
31	107	9	7.3				
Maximum	3,170	14	7.5	16	8	0.1	1
Minimum	2	5	7.1	3	2	0.1	1
Flow- Weighted Average	-	9	7.3	8	4	0.1	1

Signed on behalf of the Operator
Name

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

December 2021

Operator: Valero Pembrokehire Oil Terminal Limited

Location: Main Road, Waterston, Pembrokehire, SA73 1DR

Permit Number: EPR/BK1341IN

Variation Number: EPR/BK1341IN/V007

Release Point: C

	COD	Sulphide	Total Phenols	Cyanide
	(mg/l)	(mg/l)	(mg/l)	(mg/l)
Limit	50	1	7.5	0.25
Day				
1				
2				
3				
4				
5				
6	39	<0.1	<0.1	<0.01
7				
8				
9				
10				
11				
12				
13	13	<0.1	<0.1	<0.01
14				
15				
16				
17				
18				
19				
20	9	<0.1	<0.1	<0.01
21				
22				
23				
24				
25				
26				
27	7	<0.1	<0.1	<0.01
28				
29				
30				
Maximum	39	0.1	0.1	0.01
Minimum	7	0.1	0.1	0.01
Flow-Weighted Average	9	0.1	0.1	0.01

Signed on behalf of the Operator
Name

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

December 2021

Operator: Valero Pembroke Oil Terminal Limited

Location: Main Road, Waterston, Pembrokeshire, SA73 1DR

Permit Number: EPR/BK1341IN Variation Number: EPR/BK1341IN/V007 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
		(kg/mth)		(kg/mth)						
Date										
Week 1	<0.05	0.0004	<0.1	0.001	<1.0	<3	163	<0.5	<4	<2.0
Week 2	<0.05	0.0083	<0.1	0.017	<1.0	<3	727	<0.5	<4	<2.0
Week 3	<0.05	0.0885	<0.1	0.177	<1.0	<3	772	<0.5	<4	<2.0
Week 4	<0.05	0.0324	<0.1	0.065	<1.0	<3	708	<0.5	<4	<2.0
Week 5										
Maximum	0.05	0.0004	0.1	0.001	1.0	3	163	0.5	4	2.0
Minimum	0.05	0.0885	0.1	0.177	1.0	3	772	0.5	4	2.0
Total		0.0010		0.002						
Flow-Weighted Average	0.05		0.1		1.0	3	751	1	4	2

 Signed on behalf of the Operator
 Name

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

December 2021

Operator: Valero Pembroke Oil Terminal Limited

Location: Main Road, Waterston, Pembrokeshire, SA73 1DR

Permit Number: EPR/BK1341IN Variation Number: EPR/BK1341IN/V007 Release Point: D

	Flow (m ³ /day)	Suspended Solids (mg/l)	BOD (mg/l)	Ammoniacal Nitrogen (mg/l)	Temperature (°C)	pH max 8.5 min 6.0	Oil (mg/l)
Day	Limit	3500	35	50	0.4	27	5
1	706						
2	737	<1			9	7.3	
3	893						
4	1,121						
5	957						
6	779						
7	894	<1	3	<0.1	12	7.1	<1
8	1,016						
9	818	1			9	7.3	
10	734						
11	823						
12	1,025						
13	886						
14	1,076	1	2	<0.1	13	7.0	<1
15	854						
16	768	<1			13	7.1	
17	764						
18	846						
19	878						
20	890						
21	904	1	2	<0.1	7	7.2	<1
22	672						
23	905	<1			11	7.1	
24	824						
25	959						
26	1,030						
27	1,001						
28	905	2	2	<0.1	14	7.2	<1
29	862						
30	1,028	<1			14	6.9	
31	932						
Maximum	1,121	2	3	0.1	14	7.3	1
Minimum	672	1	2	0.1	7	6.9	1
Flow- Weighted Average	-	1	2	0.1		7.1	1

Signed on behalf of the Operator

Name

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

December 2021

Operator: Valero Pembrokeeshire Oil Terminal Limited

Location: Main Road, Waterston, Pembrokeeshire, SA73 1DR

Permit Number: EPR/BK1341IN

Variation Number: EPR/BK1341IN/V007

Release Point: D

	Cadmium		Mercury	
	(ug/l)	(g/day)	(ug/l)	(g/day)
Limit	14	0.46		0.06
Date		(kg/mth)		(kg/mth)
Week 1	<0.05	0.894	<0.1	0.089
Week 2	<0.05	1.076	<0.1	0.108
Week 3	<0.05	0.904	<0.1	0.090
Week 4	<0.05	0.905	<0.1	0.091
Week 5				
Maximum	0.05	0.894	0.1	0.089
Minimum	0.05	1.076	0.1	0.108
Total		0.0293		0.003
Flow-Weighted Average	-			

Signed on behalf of the Operator
Name

RELEASES TO WATER

RELEASE SUMMARY FOR THE MONTH OF

December 2021

Operator: Valero Pembrokehire Oil Terminal Limited

Location: Main Road, Waterston, Pembrokehire, SA73 1DR

Permit Number: EPR/BK1341IN

Variation Number: EPR/BK1341IN/V007

Release Point: D

	Lead (ug/l)	Copper (ug/l)	Iron (ug/l)	Nickel (ug/l)	Zinc (ug/l)	Chromium (ug/l)
Limit	50	40	1400	10	40	
Day						
1						
2						
3						
4						
5						
6						
7	<1	<3	171	21	<4	2.0
8						
9						
10						
11						
12						
13						
14	<1	<3	374	8	<4	2.0
15						
16						
17						
18						
19						
20						
21	<1	<3	345	1	<4	2.0
22						
23						
24						
25						
26						
27						
28	<1	<3	443	7	<4	2.0
29						
30						
Maximum	1.0	3	443	21	4	2.0
Minimum	1.0	3	171	1	4	2.0
Total (kg/mth)	0.004	0.01	1.27	0.035	0.02	0.01
Flow-Weighted Average	1	3	336	9.2	4	2

Signed on behalf of the Operator