

**FORM WATER 3: Emissions to controlled water (W1) - Quarterly samples.**

Permit Number : EPR/YP3930EX

Operator : Valero Energy Ltd

Installation Location : Pembroke Refinery, Pembroke, SA71 5SJ

Reporting Period : Q4 2022

Parameters: Copper, Nickel, Iron, Zinc, Vanadium, Arsenic, Chromium, Lead, Mercury, Cadmium

Release Point	W1 discharge to Milford Haven Waterway	
Parameter	ELV (µg/l)	Quarterly sample result (µg/l)
Copper	80	6
Nickel	85	5
Iron	4000	564
Zinc	560	53
Vanadium	-	0.5
Arsenic	-	16
Chromium	-	1
Lead	30	2

Signed : SLGregory

Name : Sabrina Gregory

On behalf of the Operator Valero Energy Ltd

Date : 09/01/2023