

**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 : Q2 2022

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

| Release Point | W1 discharge to Milford Haven Waterway |                                   |
|---------------|--|-----------------------------------|
| Parameter     | ELV<br>(µg/l)                          | Quarterly sample result<br>(µg/l) |
| Copper        | 80                                     | 4                                 |
| Nickel        | 85                                     | 25                                |
| Iron          | 4000                                   | 1256                              |
| Zinc          | 560                                    | 132                               |
| Vanadium      | -                                      | 0.5                               |
| Arsenic       | -                                      | 18                                |
| Chromium      | -                                      | 2                                 |
| Lead          | 30                                     | 3                                 |

Signed : RD Livock

Name : Richard Livock

On behalf of the Operator Valero Energy Ltd

Date : 08/07/2022