

**FORM WATER 1a: Emissions to controlled water – Daily samples**

Permit Number: EPR/KP3036AX

Operator: Puma Energy (UK) Limited

Installation Location: Milford Haven Terminal, Milford Haven, SA73 3JD  
Q4 2022

Parameters: pH, oil, ammonia, phenol

Release Point	W1 discharge from effluent treatment plant		
Parameter	Daily ELV mg/l	3-month average of daily samples mg/l	Maximum daily result (mg/l)
pH	6 - 9	7.3	9.0
Oil	10	1.3	1.0
Ammonia	16	0.1	0.2
Phenol	5	0.1	0.1

Parameter: Temperature

Release Point	W1 discharge from effluent treatment plant		
Parameter	Hourly Average ELV (°C)	3-month average of hourly samples (°C)	Maximum hourly average (°C)
Temperature	27	10	18

Parameter: Flow

Release Point	W1 discharge from effluent treatment plant		
Parameter	Weekly average of daily flow ELV (m <sup>3</sup> /day)	3-month average of daily samples (m <sup>3</sup> /day)	Maximum daily flow (m <sup>3</sup> /day)
Flow	25,000	3,022	8,094

\* Temperatures above 27°C have never been reached while discharging.

Signed *Sarah Jones*

Name Sarah Jones

On behalf of the Operator Puma Energy (UK) Limited

Date 11/01/2023