

Environmental Emissions Monitoring System
OPPC Bi-Annual

This form (which was previously known as the Aromatics return form) is to be used to submit details of the bi-annual additional produced water constituent analysis details from a laboratory analysis as required by the Offshore Petroleum Activities (Oil Pollution Prevention and Control) Regulations 2005 Regulations (OPPC) permit for the relevant installation. A bi-annual produced water analysis is required for relevant oil and gas production installations. The Half 1 reports covering January to June are to be submitted by 1 September, with Half 2, covering July to December by 1 March of the following year. All oil in produced water sample points (as reported on Oil in Water forms) are required from each installation.

There is a need to ensure that the total water discharged for each sample point is consistent with the OPPC monthly data for the relevant period. EEMs will not allow returns to be submitted unless the data is within 1% tolerance.

Further guidance on the sampling requirements is contained in the relevant OPPC permit.

For the Inorganics (1+2) and Organic Carbon, it should be noted that at this stage no sampling Guidance has been issued and therefore no returns are presently required.

Zero returns are required.

Operational Details

Operator	The unique name of the operating company responsible.	Mandatory
Installation	The unique name of the installation from which the aromatics were discharged.	Mandatory
Half-Year	The half year for the submission, e.g. 2010-H1.	Mandatory
OPPC Permit	Select the Life OPPC permit number issued to the installation	Mandatory
Produced Water Sample Point	The produced water sample point the sample was taken from. This must be one of the sample points reported on the monthly Oil in Water Discharge Summary submissions. All oil in produced water sample points reported on the monthly Oil in Water submissions should be included.	Mandatory
Sample Date	The date during the half year that the sample was taken.	Mandatory
Sample By	The name of individual who took the sample.	Mandatory
Water Discharged	The total volume of water discharged from the reported sample point during the half year. This must be consistent with the volume of water reported on the monthly Oil in Water Discharge Summary reports for each month during the half year for the same sample point (with x% tolerance) Unit of measure=cubic metres; No. decimal places=0; Minimum=0; Maximum=20,000,000; Format=#####0	Mandatory

PAH

Name	The name of the PAH compound analysed.	Mandatory
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Concentration	Concentration of the named PAH in microgrammes per litre. Unit of measure=microgrammes per litre; No. decimal places=2; Minimum=0.00; Maximum=1,000,000.00; Format=#,###,##0.00	Mandatory
Discharged	The discharged weight of the named PAH. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.000001	Calculated

BTEX

Name	The name of the BTEX compound analysed.	Mandatory
Concentration	Concentration of the named aromatic in milligrammes per litre. Unit of measure=milligrammes per litre; No. decimal places=3; Minimum=0.00; Maximum=1,000,000.000; Format=#,###,##0.000	Mandatory
Discharged	The discharged weight of the named BTEX. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.001	Calculated

Heavy Metals (1)

Name	The name of the Heavy Metal analysed.	Mandatory
Concentration	Concentration of the named Heavy Metal in nanogrammes per litre. Unit of measure=nanogrammes per litre; No. decimal places=2; Minimum=0.00; Maximum=1,000,000.00; Format=#,###,##0.00	Mandatory
Discharged	The discharged weight of the named Heavy Metal. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.000000001	Calculated

Heavy Metals (2)

Name	The name of the Heavy Metal analysed.	Mandatory
Concentration	Concentration of the named Heavy Metal in microgrammes per litre. Unit of measure=microgrammes per litre; No. decimal places=2; Minimum=0.00; Maximum=1,000,000.00; Format=#,###,##0.00	Mandatory
Discharged	The discharged weight of the named Heavy Metal. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.000001	Calculated

Alkyl Phenols

Name	The name of the Alkyl Phenol analysed.	Mandatory
Concentration	Concentration of the named Alkyl Phenol in microgrammes per litre. Unit of measure=microgrammes per litre; No. decimal places=2; Minimum=0.00; Maximum=1,000,000.00; Format=#,###,##0.00	Mandatory
Discharged	The discharged weight of the named Alkyl Phenol. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.000001	Calculated

Organic Acids

Name	The name of the Organic Acid analysed.	Mandatory
Concentration	Concentration of the named Organic Acid in milligrammes per litre. Unit of measure=milligrammes per litre; No. decimal places=3; Minimum=0.00; Maximum=1,000,000.000; Format=#,###,##0.000	Mandatory
Discharged	The discharged weight of the named Alkyl Phenol. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.001	Calculated

OIW

Name	The name of the Oil in Water component analysed.	Mandatory
Concentration	Concentration of the named Oil in Water component in milligrammes per litre. Unit of measure=milligrammes per litre; No. decimal places=3; Minimum=0.00; Maximum=1,000,000.000; Format=#,###,##0.000	Mandatory
Discharged	The discharged weight of the named Oil in Water component. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.001	Calculated

NPD

Name	The name of the NPD compound analysed.	Mandatory
Concentration	Concentration of the named NPD compound in microgrammes per litre. Unit of measure=microgrammes per litre; No. decimal places=2; Minimum=0.00; Maximum=1,000,000.00; Format=#,###,##0.00	Mandatory
Discharged	The discharged weight of the named NPD compound. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.000001	Calculated

Inorganics (1)

Name	The name of the Inorganic analysed.	Mandatory
Concentration	Concentration of the named Inorganic in milligrammes per litre. Unit of measure=milligrammes per litre; No. decimal places=3; Minimum=0.00; Maximum=1,000,000.000; Format=#,###,##0.000	Mandatory
Discharged	The discharged weight of the named Inorganic. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.000001	Calculated

Inorganics (2)

Name	The name of the Inorganic analysed.	Mandatory
Concentration	Concentration of the named inorganic in microgrammes per litre. Unit of measure=microgrammes per litre; No. decimal places=2; Minimum=0.00; Maximum=1,000,000.00; Format=#,###,##0.00	Mandatory
Discharged	The discharged weight of the named Inorganic. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.000001	Calculated

Organic Carbons

Name	The total organic carbons analysed.	Mandatory
Concentration	Concentration of the total organic carbons in milligrammes per litre. Unit of measure=milligrammes per litre; No. decimal places=3; Minimum=0.00; Maximum=1,000,000.000; Format=#,###,##0.000	Mandatory
Discharged	The discharged weight of the total organic carbons. Unit of measure=kilogrammes; Calculation= Water Discharge * Concentration * 0.001	Calculated

Notes

- The format for measured fields indicates the maximum number of digits before and after the decimal point. 0s are used to show the minimum digits to enter and #s to show optional digits before the decimal point.
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