

## **Environmental Emissions Monitoring System**

### **OPPC Permit Returns - General**

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These forms are to be used to return data required under the relevant Offshore Petroleum Activities (Oil Pollution Prevention and Control) Regulations 2005 Regulations (OPPC) permit issued to the Installation. This is with the exception of data required under the OPPC permit for monthly oil in water (OPPC Monthly) returns and the Bi-annual Analysis of Additional Produced Water Constituents (OPPC Bi-annual). There are three distinct return forms.

#### **OPPC Life Permit**

This form is to be used to return the appropriate data associated with OPPC Life Permits (these begin with the OPPC Permit Reference 'L', and are usually issued for regular, routine operations on Production facilities), with the exception of Schedule 7a – the Schedule 7 a returns are made on the separate OPPC Well Permit return. Life returns are to be submitted on an annual basis by 1 March of the following year.

#### **OPPC Term Permit**

This form is to be used to return the appropriate data associated with OPPC Term Permits (these begin with the OPPC Permit Reference 'T' and are usually issued for short-term discreet operations), with the exception of Schedule 7a – the Schedule 7 a returns are made on the separate OPPC well permit return. These returns are to be submitted by 28 days after the expiry of the permit.

#### **OPPC Well Permit**

This form is to be used to return Schedule 7a data (Drill Cuttings and Associated Drilling Fluid Discharges for both Life and Term permits. Returns for both Term and Life returns should be submitted for each well drilled and returned within 28 days of permit expiry.

Underpinning these return forms is a database maintained by DECC. Once the unique OPPC Permit Reference Number has been entered EEMS will search the database and thereafter will only allow the relevant returns to be made.

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### OPPC Life Permit

This form is to be used to return the data that is required under the relevant Life Offshore Petroleum Activities (Oil Pollution Prevention and Control) Regulations 2005 Regulations (OPPC) permit issued to the Installation. This is with the exception of data required under the OPPC permit for monthly oil in water (OPPC Monthly) returns and the Bi-annual Analysis of Additional Produced Water Constituents (OPPC Bi-annual), and also any returns required under Schedule 7a which should be made on the separate **OPPC Well Permit** return sheet

Underpinning this return form is a database maintained by DECC. Once the unique OPPC Permit Reference Number has been entered EEMS will search the database and thereafter will only allow the relevant returns to be made.

The OPPC permit conditions detail the format of the returns in more detail.

For Life OPPC permits (these begin with the OPPC Permit Reference 'L') returns should be made on an annual basis, by 1 March of the following year.

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### Operational Details

<b>Operator</b>	The unique name of the operating company responsible for activity.	Mandatory
<b>Installation</b>	The unique name of the Installation or drilling rig.	Mandatory
<b>OPPC Permit Number</b>	Select the relevant OPPC permit number under which the work was authorised.	Mandatory
<b>Year</b>	Enter the year the returns relates to.	Mandatory

### Schedule 6a – Online Sand/Scale

<b>Quantity of Sand/Scale Discharged</b>	Enter the quantity of the sand or scale discharged Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Quantity of Oil on Sand/Scale Discharged</b>	Enter the quantity of oil on the sand or scale discharged Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Concentration</b>	The average concentration of oil on sand/scale Unit of measure=milligrammes per kilogramme (mg/kg) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated

### Schedule 6b – Offline Sand/Scale

<b>Quantity of Sand/Scale Discharged</b>	Enter the quantity of the sand or scale discharged  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Quantity of Oil on Sand/Scale Discharged</b>	Enter the quantity of oil on the sand or scale discharged  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Concentration</b>	The average concentration of oil on sand/scale  Unit of measure=milligrammes per kilogramme (mg/kg) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated

### Schedule 7b – Well Intervention

<b>Total Volume of Well Intervention Fluids Discharged</b>	Enter the volume of well intervention fluids discharged.  Unit of measure=cubic metres (m3); No. decimal places=0; Minimum=0; Maximum=20,000,000.00; Format=##,###,##0	Mandatory
<b>Total Weight of Dispersed Oil in Fluids Discharged</b>	The weight of dispersed oil discharged in the fluids. .  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Concentration of Oil in Well Intervention Fluids</b>	The average concentration of oil in well intervention fluids  Unit of measure=milligrammes per litre (mg/l) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated

### Schedule 7d – Well Clean-Up

<b>Total Volume of Well Clean-Up Fluids Discharged</b>	Enter the volume of well clean-up fluids discharged.  Unit of measure=cubic metres (m3); No. decimal places=0; Minimum=0; Maximum=20,000,000.00; Format=##,###,##0	Mandatory
<b>Total Weight of Dispersed Oil in Fluids Discharged</b>	The weight of dispersed oil discharged in the fluids. .  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Concentration of Oil in Well Clean-Up Fluids</b>	The average concentration of oil in well clean-up fluids  Unit of measure=milligrammes per litre (mg/l) ; No. decimal places=2; Minimum=0;	Calculated

 Maximum=1,000,000.00; Format=#,###,##0.00

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### OPPC Term Permit

This form is to be used to return the data that is required under the relevant Term Offshore Petroleum Activities (Oil Pollution Prevention and Control) Regulations 2005 Regulations (OPPC) permit issued to the Installation. This is with the exception of any returns required under Schedule 7a which should be made on the separate **OPPC Well Permit** return sheet.

Underpinning this return form is a database maintained by DECC. Once the unique OPPC Permit Reference Number has been entered EEMS will search the database and thereafter will only allow the relevant returns to be made.

The OPPC permit conditions detail the format of the returns in more detail.

For Term OPPC permits (these begin with the OPPC Permit Reference 'T') returns should be made x days following expiry of the work.

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### Operational Details

<b>Operator</b>	The unique name of the operating company responsible for activity.	Mandatory
<b>Installation</b>	The unique name of the Installation or drilling rig.	Mandatory
<b>OPPC Permit Number</b>	Enter the relevant OPPC permit number under which the work was authorised.	Mandatory
<b>Operations started</b>	Enter the date the operations commenced. Term OPPC Permits only.	Mandatory
<b>Operations Completed</b>	Enter the date the operations completed. Term OPPC Permits only.	Mandatory

### Schedule 1e – Well Testing

<b>Total Volume of Produced Water Discharged</b>	Enter the volume of produced water discharged during the well testing operations. Unit of measure=cubic metres (m3); No. decimal places=0; Minimum=0; Maximum= 20,000,000.00; Format=##,###,##0	Mandatory
<b>Weight of Dispersed Oil Discharged</b>	The weight of dispersed oil discharged. Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Dispersed Oil Concentration</b>	The average concentration of dispersed oil in discharged produced water Unit of measure=milligrammes per litre (mg/l) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated

### Schedule 6a – Online Sand/Scale

<b>Quantity of Sand/Scale Discharged</b>	Enter the quantity of the sand or scale discharged  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Quantity of Oil on Sand/Scale Discharged</b>	Enter the quantity of oil on the sand or scale discharged  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Concentration</b>	The average concentration of oil on sand/scale  Unit of measure=milligrammes per kilogramme (mg/kg) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated

### Schedule 6b – Offline Sand/Scale

<b>Permit Requirements: Maximum</b>	The Permit Maximum concentration of oil on the sand or scale. Unit of measure=milligrammes per kilogramme (mg/kg) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Mandatory
<b>Quantity of Sand/Scale Discharged</b>	Enter the quantity of the sand or scale discharged  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Quantity of Oil on Sand/Scale Discharged</b>	Enter the quantity of oil on the sand or scale discharged  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Concentration</b>	The average concentration of oil on sand/scale  Unit of measure=milligrammes per kilogramme (mg/kg) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated

### Schedule 7b – Well Intervention

<b>Total Volume of Well Intervention Fluids Discharged</b>	Enter the volume of well intervention fluids discharged.  Unit of measure=cubic metres (m3); No. decimal places=0; Minimum=0; Maximum=20,000,000.00; Format=##,###,##0	Mandatory
<b>Total Weight of Dispersed Oil in Fluids Discharged</b>	The weight of dispersed oil discharged in the fluids. .  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000;	Mandatory

	Format=#,##0.000	
<b>Average Concentration of Oil in Well Intervention Fluids</b>	The average concentration of oil in well intervention fluids  Unit of measure=milligrammes per litre (mg/l) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated

### Schedule 7d – Well Clean-Up

<b>Total Volume of Well Clean-Up Fluids Discharged</b>	Enter the volume of well clean-up fluids discharged.  Unit of measure=cubic metres (m3); No. decimal places=0; Minimum=0; Maximum=20,000,000.00; Format=##,###,##0	Mandatory
<b>Total Weight of Dispersed Oil in Fluids Discharged</b>	The weight of dispersed oil discharged in the fluids. .  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Concentration of Oil in Well Clean-Up Fluids</b>	The average concentration of oil in well clean-up fluids  Unit of measure=milligrammes per litre (mg/l) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated

### Schedule 7e – Pipeline Discharges

<b>Total Volume of Fluids Discharged</b>	Enter the volume of fluids discharged.  Unit of measure=cubic metres (m3); No. decimal places=0; Minimum=0; Maximum=20,000,000.00; Format=##,###,##0	Mandatory
<b>Total Weight of Dispersed Oil in Fluids Discharged</b>	The weight of dispersed oil discharged in the fluids. OPPC Term Permit only.  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Concentration of Oil on Fluids</b>	The average concentration of oil in fluids  Unit of measure=milligrammes per litre (mg/l) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated

### Schedule 7f – Maintenance and Cleaning

<b>Total Volume of Maintenance and Cleaning Fluids Discharged</b>	Enter the volume of maintenance and cleaning fluids discharged.  Unit of measure=cubic metres (m3); No. decimal places=0; Minimum=0; Maximum=20,000,000.00; Format=##,###,##0	Mandatory
<b>Total Weight of Dispersed Oil in Fluids Discharged</b>	The weight of dispersed oil discharged in the fluids. OPPC Term Permit only.  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000;	Mandatory

	Format=#,##0.000	
<b>Average Concentration of Oil on Maintenance and Cleaning Fluids</b>	The average concentration of oil on maintenance and cleaning fluids  Unit of measure=milligrammes per litre (mg/l) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated

### Schedule 7g – Decommissioning

<b>Quantity of Oil Discharged</b>	The weight of oil discharged.  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Learnings for future Decommissioning Activities</b>	Enter a description of any learnings from the decommissioning activities that may be useful for dissemination amongst Industry.  Unit of measure=text	

### Schedule 7h – Miscellaneous

<b>Total Volume of Fluids Discharged</b>	Enter the volume of fluids discharged.  Unit of measure=cubic metres (m3); No. decimal places=0; Minimum=0; Maximum=20,000,000.00; Format=##,###,##0	Mandatory
<b>Total Weight of Dispersed Oil in Fluids Discharged</b>	The weight of dispersed oil discharged in the fluids. OPPC Term Permit only.  Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Concentration of Oil on Fluids</b>	The average concentration of oil in fluids  Unit of measure=milligrammes per litre (mg/l) ; No. decimal places=2; Minimum=0; Maximum=1,000,000.00; Format=#,###,##0.00	Calculated



## Environmental Emissions Monitoring System

### OPPC Well

This form is to be used to return the data that is required under the Schedule 7a of relevant Offshore Petroleum Activities (Oil Pollution Prevention and Control) Regulations 2005 Regulations (OPPC) permit issued to the Installation.

Underpinning this return form is a database maintained by DECC. Once the unique OPPC Permit Reference Number has been entered EEMS will search the database and thereafter will only allow the relevant returns to be made.

The OPPC permit conditions detail the format of the returns in more detail.

For Life OPPC permits (these begin with the OPPC Permit Reference 'L') returns should be made on an annual basis, by no later than 1 March of the following year. For Term OPPC permits (these begin with the OPPC Permit Reference 'T') returns should be made by no later than one month after the expiry of the permit.

It is our understanding that the vast majority of returns will be from one well section diameter. However, it is recognized that there may be occasions where oil contaminated cuttings are discharged from more than one section. In such cases you should select the most appropriate section to enter into the form.

### Operational Details

<b>Operator</b>	The unique name of the operating company responsible for activity.	Mandatory
<b>Installation</b>	The unique name of the Installation or drilling rig.	Mandatory
<b>Chemical Permit</b>	Enter the relevant PON15 permit under which the work has been authorised	Mandatory
<b>OPPC Permit Number</b>	Enter the relevant OPPC permit number under which the work was authorised.	Mandatory
<b>Well Number</b>	Enter the relevant well number	Mandatory
<b>Operation started</b>	Enter the date the operations commenced.	Mandatory
<b>Operations Completed</b>	Enter the date the operations completed.	Mandatory

### Well Location Details

<b>Approximate Well Location</b>	This must be entered in the format xxxdegrees, xx minutes, xx.xxxseconds N, xxxdegrees, xx minutes, xx.xxxseconds East or West	Mandatory
<b>Well section Depth</b>	The depth, in metres, of the relevant well section . Unit of measure=metres; No. decimal places=0; Minimum=0; Maximum=9,999; Format=#,##0	Mandatory
<b>Well Section Length</b>	The length, in metres, of the relevant well section. Unit of measure=metres; No. decimal places=0; Minimum=0; Maximum=9,999; Format=#,##0	Mandatory
<b>Well Section Diameter</b>	The diameter, in inches, of the relevant well section	Mandatory

Unit of measure = inches; No of decimal places = 2; Minimum = 3.75; Maximum = 54.00. Format  
##.##

### Sample Details

<b>Sample Number</b>	The number of the sample	Mandatory
<b>Date and Time of Sample</b>	The date and the time of the sample Format YYYY-MM-DD HH:MM:SS	Mandatory
<b>Concentration of Oil on Cuttings</b>	The concentration of oil on the discharged cuttings Unit of measure mg/kg (milligrammes per kilogramme: Number of decimal places 3. Minimum 0.000: Maximum 1,000,000.000: Format #,###,###.###	Mandatory

### Totals

<b>Total Quantity of Cuttings Discharged</b>	The Quantity of oil contaminated cuttings discharged Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=10,000.000; Format=##,##0.000	Mandatory
<b>Total Quantity of Oil Discharged</b>	The total quantity of oil discharged Unit of measure=tonnes; No. decimal places=3; Minimum=0; Maximum=1,500.000; Format=#,##0.000	Mandatory
<b>Average Oil on Oil Bearing Cuttings Discharged (%)</b>	Calculated field	Calculated

### Analysis Method/Calibration

<b>Analysis Method/Calibration Used</b>	Details about the analysis method used and the calibration Free text	Mandatory
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