

EEMS Waste Guidance - overview

The Waste EEMS forms are used to report the quantities and disposal routes of waste arising from offshore operations during the relevant year.

There are 3 separate forms.

Waste Operational – this form is to be submitted for all production installations that generated waste and also each operated drilling rig. This form is to be completed on an annual basis and submitted by 1 March of the following year.

Waste Drilling – this form is to be submitted for any backloaded drill cuttings generated from each Installation or each operated drilling rig. This form is to be completed on an annual basis and submitted by 1 March of the following year.

Waste Decommissioning – this form is only to be used to record waste resulting from activities authorised by a DECC authorised decommissioning programme. Zero returns are not required for installations that do not have an approved decommissioning programme. The data should be submitted within 31 days from the completion of decommissioning operations.

Emissions Monitoring System

Operational Waste Guidance Notes

This form summarises the quantities and disposal routes of Waste arising from offshore operations during the stated year.

On an annual basis, each operator should complete an operational waste submission for each Installation or drilling rig operated, detailing waste arising for the previous year. The operational waste is a summary of all waste generated by normal operations and returned to shore for disposal.

For consistency, the following generic conversion factors should be used:

1 x gallon = 4.546 litres

1000 x litres = 1 tonne (assuming a specific gravity of 1 kilogramme per cubic metre)

1 x drum = 0.008 tonne (average conversion figure for both steel and plastic drums)

There are 3 Groups of waste on this submission: Special, General and Other. Each has a number of sub-groups for which a total of 8 disposal routes must be accounted for: Reuse, recycling, waste to energy, incinerate, landfill and other.

All data fields are mandatory. If no waste arose from offshore operations during the year for the category and disposal route a zero value is required. The data should be submitted by 1st March of the year following the reporting year.

Operational Details

Operator	The unique name of the operating company responsible for activity.	Mandatory
Installation	The unique name of the Installation at which the waste was generated.	Mandatory
Year	Reported year of annual submission.	Mandatory
Ave POB	The average number of persons on board during the course of the reported year. Unit of measure=persons; No. decimal places=0; Minimum=0; Maximum=500; Format=##0	Mandatory
UK Port	The UK harbour port at which any waste is backloaded from the vessel to shore. If no UK port was used the please say 'N/A' Format Text	Mandatory
Export Port	The non UK Port at which any waste is backloaded from the vessel to shore. Format	Discretionary Text

Waste Group I – Special

Chemicals/Paints	Paints, adhesives, hazardous completion/ workover/ drilling fluid additives, solvents, hazardous chemicals, hazardous brines.	Mandatory
Drums/Containers	Nominally empty drums containing hazardous residues.	Mandatory
Oils	Lubricants, engine/ hydraulic oils, crude oil.	Mandatory
Miscellaneous Special Waste	Transformers, capacitors, batteries, extinguishing agents, aerosols, contaminated filters, oily rags, refrigerants, absorbents, molecular sieves, contaminated shot blast, contaminated swarf, P.C.B.'s, contaminated casing/ pipe protectors, pipe lagging.	Mandatory
Sludges / Liquids / Tank Washings	Oil spills, fluids containing heavy metals/ hazardous chemicals, hazardous vessel tank washings, pig wax. <u>This should not include the weight of any substance that is blended/mixed with the sludges/tank washing materials prior to disposal.</u>	Mandatory

Waste Group II – General

Chemicals/Paints	Non-hazardous workover/ completion/ drilling fluids, brines.	Mandatory
Drums/Containers	Empty metal/ plastic drums, dried paint cans.	Mandatory
Scrap Metal	Scrap metal, wire rope, uncontaminated pipe, tubulars, electric cable, non-contaminated swarf.	Mandatory
Segregated Recyclables	Aluminium cans, cardboard, packaging, paper, wood, rubber, plastics, glass, fluorescent tubes, casing/ pipe protectors, cooking oil.	Mandatory
General Waste	Galley waste, accommodation waste, compactor waste.	Mandatory
Sludges / Liquids / Tank Washings	Non hazardous vessel tank washings. <u>This should not include the weight of any substance that is blended/mixed with the sludges/tank washing materials prior to disposal</u>	Mandatory

Waste Group III – Other

Asbestos	Asbestos/ Asbestos containing materials, CAF joints.	Mandatory
Radioactive materials	Smoke alarms, gammatrons, emergency lighting. Excludes Naturally Occurring Radioactive Material (NORM) which is reported separately.	Mandatory
Clinical	Cinbins, soiled dressings, prescription medicines.	Mandatory
Explosives	Explosives.	Mandatory

Disposal Routes

Disposal Routes	Where waste is subject to pre-treatment before disposal, only the quantities of post-treatment products and corresponding fates should be reported. Quantities should be stated as tonnes. All quantities should reflect weights as at the time of disposal.	Mandatory
Reuse	Waste recorded under the "Reuse" disposal route should fall within the following definition: Discarded material used again for the same original purpose which may or may not have gone through refurbishment or integrity checks (such as cleaning and	Mandatory

	renovation). For example, the reuse of electrical equipment, drums, engines, turbines and pallets. Please note, if it is uncertain as to whether a waste has been reused as opposed to recycled, it should be recorded under the "Recycle" disposal route.	
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Recycling	Waste recorded under the "Recycle" disposal route should fall within the following definition: Waste material that is processed to extract all or part of its raw material so it can be used again which may or may not resemble the original use. For example, plastic cups sent for recycling are reprocessed to make refuse bags. Recycled timber sent to a mill for chipping then compressed into chipboard. Please note, if it is uncertain as to whether a waste has been reused as opposed to recycled, it should be recorded under the "Recycle" disposal route.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Waste to Energy	Waste converted to energy.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=10,000.000; Format=####0.000	
Incinerate	Waste incinerated.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Landfill	Waste disposed in landfill.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Other	Any other disposal route. Includes composting, land spreading <u>and treatment of aqueous wastes</u> .	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Total	The total amount of waste arising for each waste category and disposal route will be automatically summated in the Totals column.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Comments	Optional comments about the waste sub-group. Becomes mandatory if "Other" disposal route has a non-zero entry. In these cases Comments should contain an explanation of the "Other" disposal route.	Optional

Environmental Emissions Monitoring System

Backloaded Drill Cuttings Guidance Notes

This form summarises the quantities and disposal routes of Waste arising from backloaded drill cuttings during the stated year.

On an annual basis, each operator should complete a backloaded drill cuttings waste submission for each Installation or drilling rig operated, detailing waste arising for the previous year. The backloaded drill cuttings waste is a summary of all drill cuttings returned to shore for disposal.

For consistency, the following generic conversion factors should be used:

1 x gallon = 4.546 litres

1000 x litres = 1 tonne (assuming a specific gravity of 1 kilogramme per cubic metre)

1 x drum = 0.008 tonne (average conversion figure for both steel and plastic drums)

There is only one group on this submission: Backloaded Cutings. This is split into 2 sub-groups for which a total of 8 disposal routes must be accounted for: Reuse, recycling, waste to energy, incinerate, landfill and other. The Hazardous Cuttings sub-group has been further subdivided into post treatment solids, post treatment oil and post treatment water.

Where cuttings from the same batch are treated at different times and this treatment spans two or more reporting years the reports should be submitted for the first year with estimates being used for the remainder of the cuttings that have still to be treated.

All data fields are mandatory. If no waste arose from backloaded drill cuttings during the year for the category and disposal route a zero value is required. The data should be submitted by 1st March of the year following the reporting year.

Operational Details

Operator	The unique name of the operating company responsible for activity.	Mandatory
Installation	The unique name of the Installation at which the waste was generated.	Mandatory
Year	Reported year of annual submission.	Mandatory
Ave POB	The average number of persons on board during the course of the reported year. Unit of measure=persons; No. decimal places=0; Minimum=0; Maximum=500; Format=##0	Mandatory
UK Port	The UK harbour port at which the waste is backloaded from the vessel to shore. If no UK port was used the please say 'N/A' Format Text	Optional
Export Port	The non UK Port at which any waste is backloaded from the vessel to shore. Format Text	Discretionary

Waste Group IV - Backloaded Cuttings

Hazardous Cuttings	Oil Based Mud (OBM) or Synthetic Based Mud (SBM) drill cuttings backloaded for treatment prior to disposal. The weight of the products generated from the treatment process (i.e. solids, oil and water) should be recorded for each disposal route. It is generally accepted that the weight of recovered solids and recovered oil post treatment will be measured weights available from the cuttings treatment facility. The weight of water can be estimated from the difference between the total weight of cuttings received at the treatment facility less the measured weight of recovered solids and recovered oil. If this material is not separated into its constituent parts through the treatment process (e.g. stabilisation through combining it with another substance), the pre-treatment weight of this material should be recorded as a solid in the appropriate disposal route column. This should not include the weight of any substance that is blended / mixed with the cuttings prior to disposal.	Mandatory
a - Solids	Any solid material (e.g. powder or stabilised products) generated by the treatment process.	Mandatory
b - Oils	Oil recovered from the backloaded cuttings through the treatment process.	Mandatory
c - Water	Water separated from the oil and solids through the cuttings treatment process.	Mandatory
non-Hazardous Cuttings	Water Based Mud (WBM) drill cuttings backloaded for disposal onshore. It is generally accepted that these types of cuttings are not separated into constituent parts during treatment prior to disposal. Therefore, the pre-treatment weight of this material should be recorded in the appropriate disposal route column. This should not include the weight of any substance that is blended / mixed with the cuttings prior to disposal. The sum total of the figures in the disposal routes columns should therefore equal the total weight of the cuttings backloaded detailed in the Total Landed column	Mandatory

Disposal Routes

Disposal Routes	Where waste is subject to pre-treatment before disposal, only the quantities of post-treatment products and corresponding fates should be reported. Quantities should be stated as tonnes. All quantities should reflect weights as at the time of disposal.	Mandatory
Reuse	Waste recorded under the "Reuse" disposal route should fall within the following definition: Discarded material used again for the same original purpose which may or may not have gone through refurbishment or integrity checks (such as cleaning and renovation). For example, the reuse of electrical equipment, drums, engines, turbines and pallets. Please note, if it is uncertain as to whether a waste has been reused as opposed to recycled, it should be recorded under the "Recycle" disposal route. Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	Mandatory
Recycling	Waste recorded under the "Recycle" disposal route should fall within the following definition: Waste material that is processed to extract all or part of its raw material so it can be used again which may or may not resemble the original use. For example, plastic cups sent for recycling are reprocessed to make refuse bags. Recycled timber sent to a mill for chipping then compressed into chipboard. Please note, if it is uncertain as to whether a waste has been reused as opposed to recycled, it should be recorded under the "Recycle" disposal route. Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	Mandatory
Waste to Energy	Waste converted to energy. Unit of measure=tonnes; No. decimal places=3; Minimum=0.000;	Mandatory

	Maximum=9,999.999; Format=#,##0.000	
Incinerate	Waste incinerated. Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	Mandatory
Landfill	Waste disposed in landfill. Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	Mandatory
Other	Any other disposal route. Includes composting and land spreading. Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	Mandatory
Total	The total amount of waste arising for each waste category and disposal route will be automatically summated in the Totals column. Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	Mandatory
Comments	Optional comments about the waste sub-group. Becomes mandatory if "Other" disposal route has a non-zero entry. In these cases Comments should contain an explanation of the "Other" disposal route.	Optional

Environmental Emissions Monitoring System Decommissioning Waste Guidance Notes

This form summarises the quantities and disposal routes of waste arising from a DECC authorised decommissioning programme during the stated year.

Each operator should complete a decommissioning waste submission for each installation or drilling rig operated detailing waste arising from decommissioning activities. The decommissioning waste is a summary of all waste generated during decommissioning operations and returned to shore for disposal.

For consistency, the following generic conversion factors should be used:

1 x gallon = 4.546 litres

1000 x litres = 1 tonne (assuming a specific gravity of 1 kilogramme per cubic metre)

1 x drum = 0.008 tonne (average conversion figure for both steel and plastic drums)

There are 3 Groups of waste on this submission: Special, General and Other. Each has a number of sub-groups for which a total of 8 disposal routes must be accounted for: Reuse, recycling, waste to energy, incinerate, landfill and other.

All data fields are mandatory. If no waste arose from decommissioning operations for a category and disposal route a zero value is required. The data should be submitted within 31 days from the completion of decommissioning operations.

Operational Details

Operator	The unique name of the operating company responsible for activity.	Mandatory
Installation	The unique name of the Installation at which the waste was generated.	Mandatory
Year	Reported year of decommissioning submission.	Mandatory
Ave POB	The average number of persons on board during the course of the reported year. Unit of measure=persons; No. decimal places=0; Minimum=0; Maximum=500; Format=##0	Mandatory
UK Port	The UK harbour port at which the waste is backloaded from the vessel to shore. If no UK port was used the please say 'N/A' Format Text	Mandatory
Export Port	The non UK harbour Port at which any waste is backloaded from the vessel to shore	Discretionary

Waste Group I - Special

Chemicals/Paints Paints, adhesives, hazardous completion/ workover/ drilling fluid additives, solvents, Mandatory

	hazardous chemicals, hazardous brines.	
Drums/Containers	Nominally empty drums containing hazardous residues.	Mandatory
Oils	Lubricants, engine/ hydraulic oils, crude oil.	Mandatory
Miscellaneous Special Waste	Transformers, capacitors, batteries, extinguishing agents, aerosols, contaminated filters, oily rags, refrigerants, absorbents, molecular sieves, contaminated shot blast, contaminated swarf, P.C.B's, contaminated casing/ pipe protectors, pipe lagging.	Mandatory
Sludges / Liquids / Tank Washings	Oil spills, fluids containing heavy metals/ hazardous chemicals, hazardous vessel tank washings, pig wax	Mandatory

Waste Group II - General

Chemicals/Paints	Non-hazardous workover/ completion/ drilling fluids, brines.	Mandatory
Drums/Containers	Empty metal/ plastic drums, dried paint cans.	Mandatory
Scrap Metal	Scrap metal, wire rope, uncontaminated pipe, tubulars, electric cable, non-contaminated swarf.	Mandatory
Segregated Recyclables	Aluminium cans, cardboard, packaging, paper, wood, rubber, plastics, glass, fluorescent tubes, casing/ pipe protectors, cooking oil.	Mandatory
General Waste	Galley waste, accommodation waste, compactor waste.	Mandatory
Sludges / Liquids / Tank Washings	Non hazardous vessel tank washings.	Mandatory
Construction Materials	Any construction materials used during the decommissioning process.	Mandatory
Marine Growth	Infestations of algae, mussels etc..	Mandatory

Waste Group III - Other

Asbestos	Asbestos/ Asbestos containing materials, CAF joints.	Mandatory
Radioactive materials	Smoke alarms, gammatrons, emergency lighting. Excludes Naturally Occurring Radioactive Material (NORM) which is reported separately.	Mandatory
Clinical	Cinbins, soiled dressings, prescription medicines.	Mandatory
Explosives	Explosives.	Mandatory

Disposal Routes

Disposal Routes	Where waste is subject to pre-treatment before disposal, only the quantities of post-treatment products and corresponding fates should be reported. Quantities should be stated as tonnes. All quantities should reflect weights as at the time of disposal.	Mandatory
Reuse	Waste recorded under the "Reuse" disposal route should fall within the following definition: Discarded material used again for the same original purpose which may or may not have gone through refurbishment or integrity checks (such as cleaning and renovation). For example, the reuse of electrical equipment, drums, engines, turbines and pallets. Please note, if it is uncertain as to whether a waste has been reused as	Mandatory

	opposed to recycled, it should be recorded under the "Recycle" disposal route.	
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Recycling	Waste recorded under the "Recycle" disposal route should fall within the following definition: Waste material that is processed to extract all or part of its raw material so it can be used again which may or may not resemble the original use. For example, plastic cups sent for recycling are reprocessed to make refuse bags. Recycled timber sent to a mill for chipping then compressed into chipboard. Please note, if it is uncertain as to whether a waste has been reused as opposed to recycled, it should be recorded under the "Recycle" disposal route.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Waste to Energy	Waste converted to energy.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Incinerate	Waste incinerated.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Landfill	Waste disposed in landfill.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Other	Any other disposal route. Includes composting and land spreading.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Totals	The total amount of waste arising for each waste category and disposal route will be automatically summated in the Totals column.	Mandatory
	Unit of measure=tonnes; No. decimal places=3; Minimum=0.000; Maximum=9,999.999; Format=#,##0.000	
Comments	Optional comments about the waste sub-group. Becomes mandatory if "Other" disposal route has a non-zero entry. In these cases Comments should contain an explanation of the "Other" disposal route.	Optional