

Examples of Wastes and Discharges Information

Table 1. Discharges Table Example (Wastes to be discharged overboard)

Type of Waste Approximate Composition	Amount to be Discharged (volume or rate)	Maximum Discharge Rate	Treatment and/or Storage, Discharge Location ^{*, *} and Discharge Method
Water-based drilling fluids	7,800 bbl/well	200 bbl/hr	Area, Block. Shunt through downpipe to 40 feet above the mud line
Drill cuttings associated with water-based fluids	2,000 bbl/well	1,000 bbl/hr	Area, Block. Shunt through downpipe to 40 feet above the mud line
Drill cuttings associated with synthetic drilling fluids	3,000 bbl/well	1,000 bbl/well	Area, Block. Shunt through downpipe to 40 feet above the mud line
Muds, cuttings and cement at the seafloor	Gel – 5,000 bbl WBM – 8,000 bbl Cuttings – 20,000 bbl Seawater and caustic- 4,800 bbl	Not applicable	Area, Block. Discharged at seafloor
Produced water	2,000 bbl/day	400 bbl/hr	Area, Block. treat for oil and grease and discharge
Sanitary wastes	20 gal/person/day	Not applicable	Area, Block. chlorinate and discharge
Domestic waste	30 gal/person/day	Not applicable	Area, Block. Remove floating solids and discharge
Deck Drainage	0-4,000 bbl/day Dependant upon rainfall	15 bbl per hour (maximum separator discharge)	Area, Block. Remove oil and grease and discharge
Well treatment, workover or completion fluids	Workover –300 bbl/well Treatment -250 bbl/well Completion -300 bbl/well	200 bbl/well /every 4 years	Area, Block. Discharge used fluids overboard, return excess to shore for credit.
Uncontaminated fresh or seawater	37,000 bbl (drilling)	Not applicable	Area, Block. Discharged overboard
Desalinization Unit water	700 bbl/day	Not applicable	Area, Block. Discharged overboard
Uncontaminated bilge water	2,000 bbl	260 m ³ /hr	Area, Block. Discharged overboard
Uncontaminated ballast water	20,000 bbl	2,600 m ³ /hr	Area, Block. Discharged overboard
Misc. discharges to which treatment chemicals have been added.	100 bbl/day	10 bbl/hr	Area, Block. Discharged overboard
Miscellaneous discharges (permitted under NPDES) (Excess cement with cementing chemicals)	100 bbl	Not applicable	Area, Block. Discharged at seafloor without treatment

* Area, block, MMS facility ID (if available)

Table 2. Disposal Table Example (Wastes to be disposed of, not discharged)

Type of Waste Approximate Composition	Amount*	Rate per Day	Name/Location of Disposal Facility	Treatment and/or Storage, Transport and Disposal Method
Spent oil-based drilling fluids and cuttings	1,000 bbl/well	200 bbl/day	Facility name, City, State.	Transport to shore in barge tanks to a land farm
Spent synthetic-based drilling fluids and cuttings	1,000 bbl/well	200 bbl/day	Facility name, City, State.	Transport to shore base in cuttings boxes on crew boat then inject down hole at offshore waste disposal facility
Oil-contaminated produced sand	200 lb/yr	0.6 bbl/day	Facility name, City, State.	Store in a cuttings box and transport to a land farm
Waste oil	200 bbl/yr	0.5 bbl/ day	Facility name, City, State.	Pack in drums and transported to an onshore Incineration site
Produced water	250,000 bbl/yr	1,000 bbl/day	Area, Block, MMS Facility ID (if applicable)	Transport by vessel and inject at Area, Block, facility ID.
Produced water	250,000 bbl/yr	1,000 bbl/day	Area, Block, MMS Facility ID (if applicable)	Pipe to a well on-lease, inject down hole
Norm – contaminated wastes	1 ton	Not applicable	Facility name, City, State.	Transport to a transfer station via dedicated barge
Trash and debris	1,000 ft ³	3 ft ³ /day	Facility name, City, State.	Transport in storage bins on crew boat to a landfill
Chemical product wastes	50 bbl/year	2 bbl/day	Area, Block, MMS Facility ID (if applicable)	Transport by pipeline and inject down hole; add to produced water stream
Chemical product wastes	100 bbl	2 bbl/day	Facility name, City, State.	Transport in barrels on crew boat to shore location
Workover fluids	150 bbl	2 bbl/day	Facility name, City, State.	<u>Transport in Temporary storage of</u> barrels on crew boat or barge

*can be expressed as a volume, weight, or rate