

Caltex Energy Inc.
Environmental Management System
Part 2 - Waste Management

14.3.4 Waste Management Tables – Alberta (change according to WMP)

WASTE CODE	D(DOW) OR N(NON- DOW)	TDG SHIPPING NAME (DOW)/COMMON NAME IF NON-DOW	CLASS	TDGA/UN	PACKING GROUP	QUANTITY SHIPPED	UNITS	PACKAGING		HANDLING CODE
								NO.	CODE	

Waste Code (EUB)	Waste Class	TDG Shipping Name	TDG PIN	TDG Class	Packing Group	Required Document	Treatment	Storage	Disposal Options
Absorbents (OILABS)	DOW	Solids Containing Flammable Liquid	UN 3175	4.1	II	Manifest	Drain and recover any free liquids	Covered, labeled container	<ul style="list-style-type: none"> Recycle via Waste Broker Landfill - Class II
Absorbents (OILABS)	N-DOW	None				Recycle Docket	Drain and recover any free liquids	Covered, labeled container	<ul style="list-style-type: none"> Recycle via Waste Broker Landfill - Class II
Acid Solutions (Unneutralized) (ACID)	DOW	Corrosive Liquid, N.O.S.	UN 1760	8	I II III	Manifest	Neutralize acid if possible. pH should be between 6.0-9.9	Store in appropriate lined container	<ul style="list-style-type: none"> Disposal Well Class 1b if pH is (6.0-9.0) or Class 1a (higher than 12.5 or lower than 4.5)
Activated Carbon (ACTCRB) (*)	DOW	Carbon, Activated	UN 1362	4.2	III	Manifest	Reuse / Regenerate	Store in appropriate lined container	<ul style="list-style-type: none"> Thermal Treatment Landfill in an approved Class 1a, 1b or II landfill (If BTEX > 1000 mg/kg, it cannot be landfilled)
Activated Alumina (CTALU)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	Drain and capture free fluids.	Store in sealed, air-tight container	<ul style="list-style-type: none"> Containerized material may be taken to an approved Class II or higher landfill.
Aerosols (Empty) (EMTCON)	N-DOW	None	N/A	N/A	N/A	N/A	Invert can, and remove all contents prior to storage and disposal.	Store in covered container. Keep away from heat or combustion sources.	<ul style="list-style-type: none"> Ensure container is empty and landfill
Alcohol (Methanol) (METHNL)	DOW	Alcohol, N.O.S. Methanol	UN 1987 UN1230	3 (6.1)	II III II	N/A	Re-use if applicable No treatment required	Store in covered container	<ul style="list-style-type: none"> Disposal Well Class 1b or return to supplier.
Antifreeze (Glycol) (GLYC)	test					N/A	Re-use if applicable No treatment required	Store in covered container	<ul style="list-style-type: none"> Disposal Well Class 1b or return to supplier Recycle
Antifreeze, containing heavy metals (GLYCHM)	DOW	Environ. Hazardous Substance Liquid, N.O.S.	UN3082	9	III	Manifest	Treat to remove contaminants and reuse.	Store in covered container	<ul style="list-style-type: none"> Recycle Disposal Well Class 1b or return to supplier

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Asbestos, Blue or Brown	DOW	Asbestos, blue or brown	UN 2212	9	II	Manifest	Wet to reduce airborne dispersal	Must be double bagged	<ul style="list-style-type: none"> Landfill in an approved Class Ia, Ib or II landfill (must be covered immediately upon disposal)
Asbestos, White (ASBEST)	DOW	Asbestos, white	UN 2590	9	III	Manifest	Wet to reduce airborne dispersal	Must be double bagged	<ul style="list-style-type: none"> Landfill in an approved Class Ia, Ib or II landfill (must be covered immediately upon disposal)
Batteries (Dry Cell) (BATT)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	No treatment required	Place in general refuse containers	<ul style="list-style-type: none"> Recycle or Municipal landfill
Batteries, Dry (KOH)	DOW	Batteries, dry, containing Potassium Hydroxide solid	UN3028	8	III	Manifest	Maintain container integrity, neutralize released material	Store in covered container. Keep away from heat or combustion sources.	<ul style="list-style-type: none"> Recycle via battery recycler Dispose container at approved Class Ia, Ib or II landfill
Batteries (Wet Cell) (BATT)	DOW	Batteries, Wet, Filled with Acid	UN 2794	8	III	Manifest	Remove and neutralize fluids, handle container and fluids separately.	Store in covered container. Keep away from heat or combustion sources.	<ul style="list-style-type: none"> Recycle via battery recycler Dispose container at approved Class Ia, Ib or II landfill
Boiler Blow Down Water (BLBDWT)	TEST	None	N/A	N/A	N/A	Bill of Lading	Neutralize pH. Release to surface if material meets Surface Water Discharge Criteria (EUB D-55)	Store in a corrosive resistant container (fiberglass, etc.)	<ul style="list-style-type: none"> Reuse, Neutralize pH, Surface Discharge, Disposal Well
Catalyst (Non-Sulphur) (CATNS)	TEST	None	N/A	N/A	N/A	Bill of Lading	Reuse / Regenerate	Store in an approved container	<ul style="list-style-type: none"> Landfill in an approved Class Ia, Ib or II landfill (If BTEX > 1000 mg/kg, it cannot be landfilled)
Catalyst (Sulphur) (CATSU)	TEST	None	N/A	N/A	N/A	Bill of Lading	Reuse / Regenerate	Store in an approved container	<ul style="list-style-type: none"> Landfill in an approved Class Ia, Ib or II landfill (If BTEX > 1000 mg/kg, it cannot be landfilled)
Caustic Solutions (Un-Neutralized, Spent) (CAUS)	DOW	Corrosive Liquid, N.O.S.	UN 1760	8	I II III	Manifest	Reuse, Neutralize pH	Store in a corrosive resistant container (fiberglass, etc.)	<ul style="list-style-type: none"> Reuse, Neutralize Ph, surface Discharge, Disposal Well

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Cement (Returns Dry) (CEMENT)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	Reuse / Regenerate	Segregated as Domestic/Recyclable material unless contaminated with a DOW	<ul style="list-style-type: none"> Crush material and bury on lease with at least 1 meter of cover Landfill at an approved Class Ia, Ib, I, I or III Landfill Incorporate material into gravel on site or on entrance road.
Chemicals (Inorganic) (INOCHM)	DOW	Corrosive Liquid, N.O.S.	UN 1760	8	I II III	Manifest	Reuse, Neutralize pH	Store in a corrosive resistant container (fiberglass, etc.)	<ul style="list-style-type: none"> Reuse, Neutralize Ph, surface Discharge, Disposal Well
Chemicals (Inorganic) (INOCHM)	DOW	Flammable Solid, Inorganic, N.O.S.	UN 3178	4.1	II III	Manifest	Eliminate sources of heat and ignition.	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> Reuse Contact Waste broker Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Flammable Solid, Toxic, Inorganic, N.O.S.	UN 3179	4.1 (6.1)	II III	Manifest	Eliminate sources of heat and ignition. Catalytic reaction may produce toxic/flammable gases	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> Reuse Contact Waste broker Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Flammable Solid, Corrosive, Inorganic, N.O.S.	UN 3180	4.1 (8)	II III	Manifest	Eliminate sources of heat and ignition. Catalytic reaction may produce corrosive/flammable gases	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> Reuse Contact Waste broker Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Self-Heating Liquid, Inorganic, N.O.S.	UN 3186	4.2	II III	Manifest	Eliminate heat sources	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> Reuse Contact Waste broker Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Self-Heating Liquid, Toxic, Inorganic, N.O.S.	UN 3187	4.2 (6.1)	II III	Manifest	Eliminate heat sources, reaction produces toxic gases	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> Reuse Contact Waste broker Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Self-Heating Liquid, Corrosive, Inorganic, N.O.S.	UN 3188	4.2 (8)	II III	Manifest	Eliminate heat sources, reaction produces corrosive gases	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> Reuse Contact Waste broker Thermal treatment

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Chemicals (Inorganic) (INOCHM)	DOW	Self-Heating Solid, Inorganic, N.O.S.	UN 3190	4.2	II III	Manifest	Eliminate sources of heat and/or moisture	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Self-Heating Solid, Toxic, Inorganic, N.O.S.	UN 3191	4.2 (6.1)	II III	Manifest	Eliminate sources of heat and/or moisture, reaction produces toxic gases	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Self-Heating Solid, Corrosive, Inorganic, N.O.S.	UN 3192	4.2 (8)	II III	Manifest	Eliminate sources of heat and/or moisture reaction produces corrosive gases.	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Pyrophoric Liquid, Inorganic, N.O.S.	UN 3194	4.2	I	Manifest	Eliminate heat sources	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Pyrophoric Solid, Inorganic, N.O.S.	UN 3200	4.2	I	Manifest	Eliminate heat sources	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Corrosive Solid, Acidic, Inorganic, N.O.S	UN 3260	8	I II III	Manifest	Neutralize pH	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Corrosive Solid, Basic, Inorganic, N.O.S.	UN 3262	8	I II III	Manifest	Neutralize pH	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Corrosive Liquid, Acidic, Inorganic, N.O.S.	UN 3264	8	I II III	Manifest	Neutralize pH	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Corrosive Liquid, Basic, Inorganic, N.O.S	UN 3266	8	I II III	Manifest	Neutralize pH	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment

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Chemicals (Inorganic) (INOCHM)	DOW	Toxic Liquid, Inorganic, N.O.S.	UN 3287	6.1	I II III	Manifest	Reuse, Neutralize	Store in a corrosive resistant container (fiberglass, etc.)	<ul style="list-style-type: none"> • Reuse, Neutralize, • Disposal Well
Chemicals (Inorganic) (INOCHM)	DOW	Toxic Solid, Inorganic N.O.S.	UN 3288	6.1	I II III	Manifest	Minimize exposure	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Toxic Liquid, Corrosive, Inorganic, N.O.S.	UN 3289	6.1 (8)	I II	Manifest	Minimize handling to avoid exposure.	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Toxic Solid, Corrosive, Inorganic, N.O.S.	UN 3290	6.1 (8)	I II	Manifest	Minimize handling to avoid exposure	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Inorganic) (INOCHM)	DOW	Environmental ly Hazardous Substance, Liquid, N.O.S. Or Solid, N.O.S.	UN3082 OR UN3077	9	III	Manifest	Reuse, Neutralize	Store in a corrosive resistant container (fiberglass, etc.)	<ul style="list-style-type: none"> • Reuse, Neutralize, • Disposal Well
Chemicals (Inorganic) (INOCHM)	DOW	Water Reactive Solid, N.O.S.	UN 2813	4.3	I II III	Manifest	Reuse, Neutralize Avoid contact with moisture	Store in a corrosive resistant container (fiberglass, etc.)	<ul style="list-style-type: none"> • Reuse, Neutralize, • Disposal Well
Chemicals (Organic) (ORGCHM)	DOW	Corrosive Liquid, N.O.S.	UN 1760	8	I II III	Manifest	Reuse, Neutralize pH	Store in a corrosive resistant container (fiberglass, etc.)	<ul style="list-style-type: none"> • Reuse, Neutralize Ph, surface Discharge, • Disposal Well
Chemicals (Organic) (ORGCHM)	DOW	Flammable Solid, Organic, N.O.S.	UN 1325	4.1	II III	Manifest	Eliminate heat sources	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Organic) (ORGCHM)	DOW	Toxic Liquid, Organic, N.O.S.	UN 2810	6.1	I II III	Manifest	Minimize handling to avoid exposure	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Organic) (ORGCHM)	DOW	Toxic Solid, Organic, N.O.S.	UN 2811	6.1	I II III	Manifest	Minimize handling to avoid exposure	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment

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Chemicals (Organic) (ORGCHM)	DOW	Pyrophoric Liquid, Organic, N.O.S.	UN 2845	4.2	I	Manifest	Keep wet to avoid spontaneous combustion	Store material in a covered, sealed container	<ul style="list-style-type: none"> • Reuse / Regenerate • neutralize • Disposal well
Chemicals (Organic) (ORGCHM)	DOW	Pyrophoric Solid, Organic, N.O.S.	UN 2846	4.2	I	Manifest	Keep wet to avoid spontaneous combustion	Store material in a covered, sealed container	<ul style="list-style-type: none"> • Reuse / Regenerate • neutralize • Landfill at approved Class Ia or Ib
Chemicals (Organic) (ORGCHM)	DOW	Flammable Solid, Corrosive, Organic, N.O.S.	UN 2925	4.1 (8)	II III	Manifest	Eliminate heat sources, reaction produces corrosive gases	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Organic) (ORGCHM)	DOW	Flammable Solid, Toxic, Organic, N.O.S.	UN 2926	4.1 (6.1)	II III	Manifest	Eliminate heat sources, reaction produces toxic gases	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Organic) (ORGCHM)	DOW	Toxic Liquid, Corrosive, Organic, N.O.S.	UN 2927	6.1 (8)	I II	Manifest	Minimize handling to avoid exposure	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Organic) (ORGCHM)	DOW	Toxic Solid, Corrosive, Organic, N.O.S.	UN 2928	6.1 (8)	I II	Manifest	Minimize handling to avoid exposure	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Organic) (ORGCHM)	DOW	Toxic Liquid, Flammable, Organic, N.O.S.	UN 2929	6.1 (3)	I II	Manifest	Eliminate heat sources, reaction produces toxic gases	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Chemicals (Organic) (ORGCHM)	DOW	Toxic Solid, Flammable, Organic, N.O.S.	UN 2930	6.1 (4.1)	I II	Manifest	Eliminate heat sources, reaction produces toxic gases	Store in air tight containers and keep cool. Store with compatible materials	<ul style="list-style-type: none"> • Reuse • Contact Waste broker • Thermal treatment
Construction and Demolition Material (CONMAT)	N-Dow	None	N/A	N/A	N/A	Bill of Lading	Reuse / Regenerate	Segregated as Domestic/Recyclable material unless contaminated with a DOW	<ul style="list-style-type: none"> • Reuse • Landfill at an approved Class Ia, Ib, II, or III landfill

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Contaminated Soil (Chemicals) (SOILCH)	Dow	Solids Containing Corrosive Liquid, N.O.S.	UN 3244	8	II	Manifest	Remove any free liquids prior to disposal.	Store on a covered, lined pad until disposal	<ul style="list-style-type: none"> On-site bioremediation or Waste Treatment Facility Landfill. (Dependant on contaminant)
Contaminated Soil (Crude/Condensate) (SOILCO)	DOW	Solids Containing Flammable Liquid, N.O.S.	UN 3175	4.1	II	Manifest	Remove any free liquids prior to disposal.	Store on a covered, lined pad until disposal	<ul style="list-style-type: none"> On-site bioremediation or Waste Treatment Facility Landfill. (Dependant on contaminant)
Contaminated Soil (Mercury/Metals) (SOILHM)	TEST	Environmentally Hazardous Substance, Solid, N.O.S.	UN 3077	9		Manifest	Physical / Chemical Treatment	Store on a covered, lined pad until disposal	<ul style="list-style-type: none"> Waste Treatment Facility Landfill. (Dependant on contaminant)
Contaminated Soil (Pesticide/Herbicide) (SOILPT)	TEST	Environmentally Hazardous Substance, Solid, N.O.S.	UN 3077	9		Manifest	On-site treatment (with activated carbon)	Store on a covered, lined pad until disposal	<ul style="list-style-type: none"> Waste Treatment Facility Landfill. (Dependant on contaminant)
Contaminated Soil (Produced Water) (SOILPW)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	Remove any free liquids prior to disposal.	Store on a covered, lined pad until disposal	<ul style="list-style-type: none"> Waste Treatment Facility Landfill at approved Class Ia, Ib or II facility
Contaminated Soil (Refined Oils / Fuel) (SOILRO)	DOW	Solids Containing Flammable Liquid, N.O.S.	UN 3175	4.1	II	Manifest	Remove any free liquids prior to disposal.	Store on a covered, lined pad until disposal	<ul style="list-style-type: none"> On-site bioremediation Waste Treatment Facility or Industrial Class Ia Landfill
Contaminated Soil (Sulphur) (SOILSU)	N-DOW	None	N/A	N/A	N/A	N/A	On-site Treatment may include lime addition to neutralize.	Store in covered container prior to disposal.	<ul style="list-style-type: none"> Material may be taken to an approved Class II or higher landfill.
Corrosion Inhibitor/Oxygen Scavenger Solutions (CORINH)	DOW	Refer to TDG dependent on specific waste characteristic	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Injection Well	Store in covered container prior to disposal.	<ul style="list-style-type: none"> Inject Down EUB Class Ib/Ia disposal well depending on the amount of heavy metals
Crude Oil Emulsion (COEMUL)	DOW	Flammable Liquid, N.O.S.	UN 1993	3	I II III	Manifest	Remove any free oil or water	Store in covered container prior to disposal.	<ul style="list-style-type: none"> Waste Treatment Facility

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Cutting Oil Tubes (EMTCON)	N-DOW	None	N/A	N/A	N/A	N/A	Drain and recover free liquids	Store in covered container. Keep away from heat or combustion sources.	<ul style="list-style-type: none"> Material may be taken to an approved Class II or higher landfill.
Desiccant (DESICT)	DOW	Flammable Solid, Organic, N.O.S.	UN 1325	4.1	II III	Manifest	Drain and recover free liquids	Store in covered container. Keep away from heat or combustion sources.	<ul style="list-style-type: none"> Material may be taken to an approved Class II or higher landfill.
Dimethyl Disulphide Solutions (DMDS)	DOW	Zinc Chloride, Anhydrous	UN 2331	8	III	Manifest	Reuse if possible	Store in covered container prior to disposal.	<ul style="list-style-type: none"> Return to Supplier Inject down EUB Class Ia disposal well
Domestic Garbage (DOMWST)	N-DOW	None	N/A	N/A	N/A	N/A	Municipal Landfill	Store in a designated domestic garbage container	<ul style="list-style-type: none"> Municipal Landfill
Drums / Barrels (Methanol, Oil, Etc.) (EMTCON)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	Return to vendor Recycle Landfill	Empty, Store covered to prevent access to elements	<ul style="list-style-type: none"> Return to vendor Recycle Approved Industrial Landfill
Drilling Sump Materials (Gel Chem) (SUMPGL)	N-DOW	None	N/A	N/A	N/A	Truck ticket	Treat as per EUB Directive 50 (revised) Requirements	Store as per EUB Directive 55 (revised) Requirements	<ul style="list-style-type: none"> Dispose as per EUB Directive 50 (revised) Requirements
Drilling Sump Materials (Hydrocarbon) (SUMPIN)	DOW	Solids Containing Flammable Liquid, N.O.S.	UN 3175	4.1	II	Manifest	Treat as per EUB Directive 50 (revised) Requirements	Store as per EUB Directive 55 (revised) Requirements	<ul style="list-style-type: none"> Dispose as per EUB Directive 50 (revised) Requirements
Drilling Sump Materials (KCL) (SUMPKC)	N-DOW	None	N/A	N/A	N/A	Truck ticket	Treat as per EUB Directive 50 (revised) Requirements	Store as per EUB Directive 55 (revised) Requirements	<ul style="list-style-type: none"> Dispose as per EUB Directive 50 (revised) Requirements
Filters (Air) (FILOTH)	N-DOW	None	N/A	N/A	N/A	N/A	N/A	Domestic Refuse unless they are oil bath, then they must be drained	<ul style="list-style-type: none"> Municipal Landfill
Filters (Fuel Gas) (FILOTH)	DOW	Diesel Fuel Fuel Oil Gas Oil Heating Oil	UN 1202	3	III	Manifest	Drain and collect liquids. Liquids should be Recycled Deep well Disposed – Ia or Ib	Store filters in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Drain (24 hr) and crush – Class Ia or Ib Landfill

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Filters (Glycol) (FILGLY)	DOW	Flammable Solid, Organic, N.O.S.	UN 1325	4.1	II III	Manifest	Drain and collect liquids. Liquids should be Recycled Deep well Disposed – Ia or Ib	Store filters in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Recycle via Waste Broker Landfill at class Ia, Ib or II facility, Thermal treatment.
Filters (Lube Oil, Undrained) (FILLUB)	DOW	Solids Containing Flammable Liquid, N.O.S.	UN 3175 or UN 3077	4.1 9	II III	Recycle Docket	Drain and crush	Store filters in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Recycle via Waste Broker Incinerate, Approved Industrial Landfill
Filters (Other, Mix) (FILOTH)	DOW	Flammable Solid, Organic, N.O.S.	UN 1325	4.1	II III	Manifest	Drain and collect liquids. Liquids should be Recycled Deep well Disposed – Ia or Ib	Store filters in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Recycle, via Waste Broker Incinerate, Approved Industrial Landfill
Filters (Gas Sweetening, Amine, Sulphinol) (FILSWT)	DOW	Flammable Solid, Organic, N.O.S.	UN 1325	4.1	II III	Manifest	Drain and contain free fluid. Fluids are DOW. Recycle filters (metal)	Store in an airtight container, away from sources of heat or spark.	<ul style="list-style-type: none"> Thermal treatment, Containerized waste may be disposed at Class Ia or Ib landfill.
Filters (Produced Water) (FILPWT)	N-DOW	None	N/A	N/A	N/A	Recycle Docket	Drain to remove free liquids.	Store filters in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Recycle via Waste Broker Incinerate, Approved Industrial Landfill
Filters (Methanol) (FILMTH)	DOW	Flammable Solid, Organic, N.O.S.	UN 1325	4.1	II III	Manifest	Drain and contain free fluid. Fluids are DOW. Recycle filters (metal)	Store filters in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Recycle, via Waste Broker Incinerate, Approved Industrial Landfill
Filter Backwash Liquids (Gas Sweetening) (FLBWSW)	DOW	Refer To TDG <i>Dependent On Specific Waste Characteristic</i>	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Deep well Disposed – Ia or Ib	Store in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Inject down EUB Class Ia or Ib disposal well.
Frac Sand (Non Radioactive) (FRCSND)	DOW	Flammable Solid, Organic, N.O.S.	UN 1325	4.1	II III	Manifest	Remove free fluid prior to disposal	Store in covered container.	<ul style="list-style-type: none"> Recycle, via Waste Broker Incinerate, Approved Industrial Landfill

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Frac Sand (Radioactive) (FRSDR)	DOW	Refer To TDG <i>Dependent Upon Radioactive Source</i>		7		Manifest	Remove free fluid prior to disposal	Store in covered container.	<ul style="list-style-type: none"> Disposal via burial Approved Industrial Landfill Contact CNSC
Glycol Solutions (Heavy Metals) (GLYCHM)	DOW	Environ. Hazardous Substance, Liquid, N.O.S..	UN 3082	9	III	Recycle Docket	Do not mix waste with other materials (i.e. lube oil)	Store in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Return to supplier. Recycle through Waste Broker Dispose at Swan Hills
Glycol Solutions (No Heavy Metals) (GLYC)	N-DOW	None	N/A	N/A	N/A	Recycle Docket	Do not mix waste with other materials (i.e. lube oil)	Store in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Return to supplier. Recycle through Waste Broker
Grease Cartridges	N-DOW	None	N/A	N/A	N/A	Bill of Lading	Remove all grease from cartridges	Store with general refuse	<ul style="list-style-type: none"> Landfill – Municipal
Hydraulic Oil (HYDOIL)	DOW	Petroleum Crude Oil	UN 1267 or UN 3082	3 9	I III	Recycle Docket	Do not mix waste with other materials (i.e. glycol, etc.)	Store in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Return to supplier. Recycle through Waste Broker
Incinerator Ash (INCASH)	Testing Required	Refer To TDG <i>Dependent On Specific Waste Characteristic</i>	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Physical/Chemical Treatment	Store in covered container.	<ul style="list-style-type: none"> Landfill – Ia, Ib, or II Recycle through Waste Broker
Iron Sponge (IRNSPG)	DOW	Iron Sponge, Spent	UN 1376	4.2	III	Manifest	Keep wet to avoid spontaneous combustion; isolate from acidic solutions	Store material in a covered, sealed container	<ul style="list-style-type: none"> Reuse / Regenerate neutralize Landfill at approved Class Ia or Ib
Lead Based Products (H ₂ S Sensing Tape) (LDTAPE)	DOW	Lead Acetate	UN 1616	6.1 (9.2)	III	Manifest	Minimize exposure while handling.	Store material in a covered, sealed container	<ul style="list-style-type: none"> Landfill at approved Class Ia or Ib landfill
Lead Based Products (Pipe Dope/Greases) (LDDOPE)	DOW	Refer To TDG <i>Dependent On Specific Waste Characteristic</i>	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Thermal treatment	Store material in a covered, sealed container	<ul style="list-style-type: none"> Recycle if possible Landfill at an approved Class Ia or Ib landfill

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Waste Code (EUB)	Waste Class	TDG Shipping Name	TDG PIN	TDG Class	Packing Group	Required Document	Treatment	Storage	Disposal Options
Lube Oils (LUBOIL)	DOW	Flammable Liquid, N.O.S. OR Environ. Hazardous Substance, Liquid, N.O.S.	UN 1993 or UN 3082	3 9	I III	Recycle Docket	Do not mix waste with other materials (i.e. glycol, etc.)	Store in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Return to supplier. Recycle through Waste Broker
Oily Rags (OILRAG)	DOW	Environmentally Hazardous Substance, Solid, N.O.S.	UN 3077	9	III	Recycle Docket	Remove all free liquids prior to disposal	Store material in a covered, sealed container	<ul style="list-style-type: none"> Recycle through Waste Broker Remove free liquids and Landfill
Metal (Scrap) (SMETAL)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	None	Store away from other wastes to prevent contamination.	<ul style="list-style-type: none"> Recycle
Mercury (MERCURY)	DOW	Mercury	UN 2809	8	III	Manifest	Do not mix with other material	Store in sealed container	<ul style="list-style-type: none"> Swan Hills
Hydrotest Fluids - Methanol (METHNL)	DOW	Methanol	UN 1230	3.2 (6.1)	II	Manifest	Reuse material in other processes	Store in a covered sealed container, away from sources of heat or spark.	<ul style="list-style-type: none"> Reuse Recycle Disposal Well
Naturally Occurring Radioactive Materials (NORM)	DOW			7		Manifest	Refer to the Alberta Labour Guidelines for The Handling of Naturally Occurring Radiocative Manterials	Refer to the Alberta Labour Guidelines for The Handling of Naturally Occurring Radiocative Manterials	<ul style="list-style-type: none"> Refer to the Alberta Labour Guidelines for The Handling of Naturally Occurring Radiocative Manterials specific activity greater than 70 kBq/kg
Paint (Wet Paint) (Flammable) (WPAINT)	DOW	Paint Or Paint Related Material	UN 1263	3 (8)	I II III	Manifest	Use all material for original purpose. Apply a second coat if need be. Buy appropriate quantities so none is left over.	Store material in a sealed covered container to prevent access by the elements.	<ul style="list-style-type: none"> Thermal Treatment, Recycle, Toxic Round-up (Sm. volume)

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Waste Code (EUB)	Waste Class	TDG Shipping Name	TDG PIN	TDG Class	Packing Group	Required Document	Treatment	Storage	Disposal Options
Paint (Wet Paint) (Corrosive) (WPAINT)	DOW	Paint Or Paint Related Material	UN 3066	8 (3)	II	Manifest	Use all material for original purpose. Apply a second coat if need be. Buy appropriate quantities so none is left over.	Store material in a sealed covered container to prevent access by the elements.	<ul style="list-style-type: none"> • Thermal Treatment, Recycle, Toxic Round-up (Sm. volume)
Paint (Cans and Brushes) (WPAINT)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	Ensure contents are dry and recycle containers.	Store material in a sealed covered container to prevent access by the elements.	<ul style="list-style-type: none"> • Dispose dry material in a landfill • Recycle metal containers
Pesticides/ Herbicides (PSTHRB)	DOW	Refer To TDG <i>Dependent On Specific Waste Characteristic</i>	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Thermal Treatment Purchase only amount needed	Store material in a covered, sealed container	<ul style="list-style-type: none"> ▪ Utilize third party certified applicators for the disposal of pesticides when possible.
Pipe Dope Containers (Lead and Non-Lead) (EMTCON)	N-DOW	None	N/A	N/A	N/A	N/A	Ensure contents are dry.	Store material in a sealed covered container to prevent access by the elements.	<ul style="list-style-type: none"> ▪ Dispose material at an approved Class Ia, Ib or II landfill
Polychlorinated Biphenyls (PCB's -Askarel Liquids) (PCBLIQ)	DOW	PCB **	UN 2315	9	II	Manifest	Direct to an approved hazardous waste disposal facility	Store material in a covered, sealed container	<ul style="list-style-type: none"> ▪ Direct to an approved hazardous waste disposal facility
Polychlorinated Biphenyls (PCB's - Contaminated Solids ≤ 50ppm) (PCBSLF)	N-DOW	PCB **	N/A	N/A	N/A	N/A	Landfill	Store material in a covered, sealed container	<ul style="list-style-type: none"> ▪ Landfill at an approved Class Ia or Ib landfill.
Polychlorinated Biphenyls (PCB's - Contaminated Solids ≥ 1,000 ppm) (PCBSGI)	DOW	PCB **	UN 2315	9	II	Manifest	Direct to an approved hazardous waste disposal facility	Store material in a covered, sealed container	<ul style="list-style-type: none"> ▪ Direct to an approved hazardous waste disposal facility

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Waste Code (EUB)	Waste Class	TDG Shipping Name	TDG PIN	TDG Class	Packing Group	Required Document	Treatment	Storage	Disposal Options
Polychlorinated Biphenyls (PCB's - Contaminated Solids ≥ 50 ppm and $\leq 1,000$ ppm) (PCBSLI)	DOW	PCB **	UN 2315	9	II	Manifest	Direct to an approved hazardous waste disposal facility	Store material in a covered, sealed container	<ul style="list-style-type: none"> Direct to an approved hazardous waste disposal facility Landfill at an approved Class Ia or Ib landfill
Polychlorinated Biphenyls (PCB's - Fluorescent Light Ballasts) (PCBBAL)	DOW	PCB **	UN 2315	9	II	Manifest	Direct to an approved hazardous waste disposal facility	Store material in a covered, sealed container	<ul style="list-style-type: none"> Direct to an approved hazardous waste disposal facility Landfill at an approved Class Ia or Ib landfill
Pigging Waste (Liquid And Wax) (PIGWST)	DOW	Flammable Solid, Organic, N.O.S.	UN 1325	4.1	II	Manifest	Remove and collect all free fluids prior to disposal	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Waste Treatment Facility should recover oil and solids should be landfilled
Produced Sand (SAND)	DOW	Solids Containing Flammable Liquid, N.O.S.	UN 3175	4.1	II	Manifest	Remove and collect all free fluids prior to disposal	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Waste Treatment Facility should recover oil and solids should be landfilled
Rig Wash (Powdered)	Refer to MSDS	Refer to MSDS					Refer to MSDS	Refer to MSDS	Refer to MSDS
Rig Wash (Liquid)	Refer to MSDS	Refer to MSDS					Refer to MSDS	Refer to MSDS	Refer to MSDS
Salt Heat Medium (SALT)	Testing Required	Refer to TDG dependent on specific waste characteristic	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Physical / Chemical Treatment	Store material in a covered, sealed container	<ul style="list-style-type: none"> Solubilize using an existing aqueous waste stream and inject down an EUB Class Ia or Ib disposal well
Sludge (Cooling Tower) (SLGCTW)	DOW	Refer to TDG dependent on specific waste characteristic	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Physical / Chemical Treatment	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Cavern Disposal

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Waste Code (EUB)	Waste Class	TDG Shipping Name	TDG PIN	TDG Class	Packing Group	Required Document	Treatment	Storage	Disposal Options
Sludge (Crude Oil, Tank Bottoms) (SLGHYD)	DOW	Solids Containing Flammable Liquid, N.O.S.	UN 3175	4.1	II	Manifest	Remove and collect all free fluids prior to disposal	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> ▪ Waste Treatment Facility should recover oil and solids should be landfilled
Sludge (Gas Sweetening Systems) (SLGSWT)	DOW	Refer to TDG <i>dependent on specific waste characteristic</i>	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Physical, chemical or thermal Treatment	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> • Biodegradation • Landfill in approved Class Ia or Ib Landfill
Sludge (Glycol) (SLGGLY)	DOW	Solids Containing Flammable Liquid, N.O.S.	UN 3175	4.1	II	Manifest	Remove and collect all free fluids prior to disposal	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> • Free fluids should be deep well disposed. • Solids should be treated and then landfilled
Sludge (Flare Pit) (SLGPIT)	DOW	Solids Containing Flammable Liquid, N.O.S.	UN 3175	4.1	II	Manifest	Remove and collect all free fluids prior to disposal	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> • Free fluids should be deep well disposed. • Solids should be treated and then landfilled
Sludge (Lime) (SLGLIM)	Testing Required	Refer to TDG <i>dependent on specific waste characteristic</i> N.O.S.	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Co-dispose with Sulphur.	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> • Co-dispose with sulphur containing wastes or soil at an approved Class Ia, Ib, or II landfill depending on specific characteristics.
Sludge (Process) (SLGPRO)	Testing Required	Refer to TDG <i>dependent on specific waste characteristic</i> N.O.S.	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Physical, chemical or thermal treatment	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> • Landfill at approved Class Ia, Ib, or II Landfill depending on characteristics • Biodegradation
Sludge (Sulphur) (SLGSUL)	Testing Required	Refer to TDG <i>dependent on specific waste characteristic</i>	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Co-dispose with slightly basic wastes or soil.	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> • Co-dispose with slightly basic wastes or soil at an approved Class Ia, Ib, or II landfill depending on specific characteristics.

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Waste Code (EUB)	Waste Class	TDG Shipping Name	TDG PIN	TDG Class	Packing Group	Required Document	Treatment	Storage	Disposal Options
Solvents / Residues (Halogenated) (SOLHAL)	DOW	Refer to TDG dependent on specific waste characteristic	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Thermal Treatment	Store material in a covered container	<ul style="list-style-type: none"> Recycle
Solvents / Residues (Non-Halogenated Aliphatic) (SOLALP)	DOW	Refer to TDG dependent on specific waste characteristic	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Thermal Treatment	Store material in a covered container	<ul style="list-style-type: none"> Recycle
Solvents / Residues (Non-Halogenated Aromatic) (SOLARO)	DOW	Refer to TDG dependent on specific waste characteristic	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Thermal Treatment	Store material in a covered container	<ul style="list-style-type: none"> Recycle
Spill Material (Hydrocarbon) (SOILCO)	DOW	Solids Containing Flammable Liquid, N.O.S.	UN 3175	4.1	II	Manifest	Remove and collect all free fluids prior to disposal	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Solids should be treated and then landfilled
Spill Material (Produced Water) (SOILPW)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	Remove and collect all free fluids prior to disposal	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Solids should be treated and then landfilled
Spill Material (Refined Oil / Fuel) (SOILRO)	DOW	Solids Containing Flammable Liquid, N.O.S.	UN 3175	4.1	II	Manifest	Remove and collect all free fluids prior to disposal	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Waste Treatment Facility should recover oil Solids should be landfilled
Sweetening Agents (Liquids, - Amine) (SWTLIQ)	DOW	Methylamine Aqueous Solution	UN 1235	3 (8)	II	Manifest	Remove free fluids prior to disposal (if contaminated soil)	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Waste Treatment Facility should recover oil Solids should be landfilled

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Waste Code (EUB)	Waste Class	TDG Shipping Name	TDG PIN	TDG Class	Packing Group	Required Document	Treatment	Storage	Disposal Options
Sweetening Agents (Other than Amine) (SWTLIQ)	DOW	Corrosive Liquid, Flammable N.O.S.	UN 2920	8 (3)	I II	Manifest	Remove free fluids prior to disposal (if contaminated soil)	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Waste Treatment Facility should recover oil Solids should be landfilled
Waste Water (Wash Water) (WSHWTR)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	Recover all hydrocarbon if possible	Store material in an appropriate container.	<ul style="list-style-type: none"> Water may be released if it meets the Surface Water Discharge Criteria or send to a disposal well.
Sweetening Agents (Solids) (SWTSOL)	DOW	Corrosive Solid, Flammable, N.O.S.	UN 2921	8 (4.1)	I II	Manifest	Remove free fluids prior to disposal (if contaminated soil)	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Waste Treatment Facility should recover oil Solids should be landfilled
Thread Protectors (Casing/Tubing) (THPROT)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	Reuse or Recycle	Store material in an appropriate container.	<ul style="list-style-type: none"> Reuse/Recycle Landfill at an approved Class Ia, Ib, II, or III Landfill.
Treater Hay (TRTHAY)	DOW	Solid Containing Flammable Liquids, N.O.S.	UN 3175	4.1	II	Manifest	Remove and collect all free fluids prior to disposal	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Waste Treatment Facility should recover oil Solids should be landfilled
Varsol (VARSOL)	DOW	Flammable Liquid, N.O.S.	UN 1993	3	I II III	Manifest	Reuse if possible, no treatment required	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Thermal Treatment Recycle
Wash Fluids (Hydrocarbon) (WSHWTR)	DOW	Flammable Liquid, N.O.S.	UN 1993	3	I II III	Manifest	Recover all hydrocarbons prior to disposal.	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Waste Treatment Facility should recover oil Solids should be landfilled
Wash Fluids (Acid) (WSHWTR)	DOW	Corrosive Liquid, N.O.S.	UN 1760	8	I II III	Manifest	Recover all hydrocarbons prior to disposal. Neutralize Acids.	Store material in a covered container to prevent access to the elements. Store away from sources of spark or flame.	<ul style="list-style-type: none"> Free fluids should be deep well disposed. Waste Treatment Facility should recover oil Solids should be landfilled

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Wash Fluids (Organic) (WSHORG)	Testing Required	Refer to TDG dependent on specific waste characteristic	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Thermal Treatment	Store in a covered container	<ul style="list-style-type: none"> Recycle Recover hydrocarbons and inject down 1a or 1b disposal Well.
Water Process (with Organic Chemicals) (PWTROR)	Testing Required	Refer to TDG dependent on specific waste characteristic	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Inject down disposal well	Store in a covered container	<ul style="list-style-type: none"> Inject down Class 1a or 1b disposal well depending on pH.
Water Process (with Heavy Metals) (PWTRHM)	DOW	Refer to TDG dependent on specific waste characteristic	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	Inject down disposal well	Store in a covered container	<ul style="list-style-type: none"> Inject down Class 1a or 1b disposal well depending on pH.
Water (Produced including Brine Solutions) (WATER)	N-DOW	None	N/A	N/A	N/A	Bill of Lading	Recycle / Recover	Store in a covered container	<ul style="list-style-type: none"> Recycle Recover hydrocarbons and inject down 1a or 1b disposal Well
Well Workover Fluids (Acid Solutions) (WWOFLD)	DOW	Corrosive Liquid, N.O.S.	UN 1760	8	I II III	Manifest	Recover all hydrocarbons prior to disposal. Neutralize Acids.	Store material in a suitable, corrosion resistant tank.	<ul style="list-style-type: none"> Acid solutions should be deep-well disposed (Class 1a or 1b)
Well Workover Fluids (Hydrocarbon / Distillate) (WWOFLD)	DOW	Petroleum Crude Oil	UN 1267	3	I II III	Manifest	Recover all hydrocarbons prior to disposal.	Store material in a suitable, corrosion resistant tank.	<ul style="list-style-type: none"> Acid solutions should be deep-well disposed (Class 1a or 1b)
Well Servicing Fluids - Versene	Refer to MSDS	Refer to MSDS					Refer to MSDS	Refer to MSDS	Refer to MSDS
Well Servicing Cement Returns (CEMENT)	N-DOW	N/A	N/A	N/A	N/A	N/A	Reuse if applicable. Let harden and remove	All run off is to be contained and disposed	<ul style="list-style-type: none"> Class II Landfill Recycle
Wood (Chemically Treated/Cooling Tower) (WOODCT)	Testing Required	Refer to TDG dependent on specific waste characteristic	Refer to TDG	Refer to TDG	Refer to TDG	Manifest	leaching of heavy metals or chemicals when in disperse form		<ul style="list-style-type: none"> Landfill at an approved Class 1a, 1b, or II Landfill depending on characteristics.

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Sample Bottles (EMTCO)	N-DOW	N/A	N/A	N/A	N/A	N/A	Wash and Recycle	Weather Protection	• Recycle or Municipal Landfill
Pails (Plastic, Metal) (EMTCO)	N-DOW	N/A	N/A	N/A	N/A	N/A	Wash / Rinse	Weather Protection	• Return to Supplier, recycle or municipal landfill.
Waste Compressed or Liquified Gases (WSTCGS)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	2	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste
Waste Flammable Liquid (WSTFLQ)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	3	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste
Waste Flammable Solid (WSTFSD)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	4	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste
Waste Oxidizing Liquid (WSTOLQ)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	5	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste
Waste Oxidizing Solid (WSTOSD)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	5	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste
Waste Poisonous Liquid (WSTPLQ)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	6	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste
Waste Poisonous Solid (WSTPSD)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	6	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste
Waste Radioactive Material (WSTRDM)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	7	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste

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Waste Code (EUB)	Waste Class	TDG Shipping Name	TDG PIN	TDG Class	Packing Group	Required Document	Treatment	Storage	Disposal Options
Waste Corrosive Liquid (WSTCLQ)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	8	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste
Waste Corrosive Solid (WSTCSQ)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	8	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste
Waste Miscellaneous (WSTMIS)	Depends on Specific Waste	Depends on Specific Waste	Depends on Specific Waste	9	Depends on Specific Waste	Manifest	Depends on Specific Waste	Depends on Specific Waste	• Depends on Specific Waste

PCB = Polychlorinated Biphenyls**

NOTE: Produced Water containing H₂S / Iron Sulphide and any other non-DOW materials is a Non-Listed Waste and does not have to be manifested or tracked as a waste. If Produced water has products in them such as heavy metals etc. from glycol, or Xylene from a completion job, that would be a DOW, then it would become a DOW because of products in the water, not because it is produced water. **If there are any questions about a waste please call Visser Consulting Ltd. for help at (403) 239-3797.**

Hydraulic Oil, Lube Oils, Glycol Solutions, and Un-drained Filters may have two different TDG Pin Numbers because of their characteristics. They may have characteristics that classify them as being flammable or characteristics that classify them as being hazardous to the environment. Choose the correct TDG Pin Number that is associated with the characteristics of the waste.