

MATERIAL(S) – There are 6 choices for the “General Classification.” The **ONLY** choices are:

1. **CRUDE OIL** – applies to a **non-refined** oil product. Examples:

Coker Feed	Natural Gas Liquid	Slop Oil
Condensate	Natural Gas Air (Non-Refined)	Tar Balls / Tar Patties
Crude Oil		

2. **REFINED OIL** – applies to a **refined** oil product. Examples:

Asphalt	Dielectric Grease	Pet Oil
Base Oil	Gasoline	Power Steering Fluid
Bilge	(leaded/unleaded) Gear Oil	Pyrolysis Gasoline (PY Gas)
Bilge Oil/Bilge Slops	Hydraulic Fluids	Raffinate
Bio Diesel	Hydrocarbon Distillates	Reformate
Bunker Oil	Jet Fuel	Slurry
Butane	Kerosene	Soot (From Exhaust)
C6 and up (carbon chains)	Lube Oils	Sulphur Vacuum Gas Oil
Compressor Oil	Mineral and Animal Oils	Tallow Oils
Cutter Stock	Motor Oil	Transformer Oil
Diesel Fuel	Naphtha	Transmission Fluid
Fuel Oils (non-alcohol based)	Octene	Turpentine
Gas Distillates	Olive Oil	Used Motor Oil
Coker Gas Oil	Paraffin Wax	Vacuum Gas Oil (VGO)
	Pet Coke (Petroleum Coke)	Vegetable Oil
		Waste Oil

GLO Product Groups and Descriptions:

Groups:	Descriptions:
Bunker C	Generally, residues mixed with lighter distillates (Grades 4-6 fuel oils, IFO 380).
Condensate	Liquid associated with the production of natural gas.
Crude Oil	Any oil existing in natural an unprocessed state.
Diesel	Lighter distillate grades 1-3 fuel oil, often red in color, generally for operation of diesel machinery.
Gasoline	Any grade of gasoline
Hydraulic Oil	Oil used by hydraulic systems on machinery; can be various colors, but are commonly light brown, red, and purple.
Jet Fuel/Kerosene	Extremely light distillates, typically with rapid dispersion rates, JP4/5, AVGAS.
Lubricating Oils	Heavy petroleum distilled used to lubricate machinery.
Non-Petroleum oils	Edible and mineral oils (tallow, <i>basically animal fat, but the name can differ between cows, pig and lamb</i>), coconut oil, olive oil, vegetable oil)
Waste Oil	Bilge oil, crankcase oil, slop oil
Other	Naphtha, raffinate, reformat, asphalt, vacuum gas oil.

3. **CHEMICAL** – applies to materials **not on** the refined oil list or on the crude oil list. Examples:

2-Ethylhexyl Acrylate	Firefighting Foam	Paint (including Oil Based)
Acetone	H ₂ S	PCB's
Acids	Hazardous Wastes	Pesticides
Antifreeze	Hexane(s)	Propane
Battery Acid	Hydrocarbons	Propylene
Benzene	Hydrogen Cyanide	p-Xylene
Butadiene	Hydrogen Sulfide	RCRA Metals
Caustics	Liquefied Petroleum Gas (LPG)	Solvents Dioxide
Cement	Lime	Sulfur
Creosote	Methanol	Sulfur Dioxide (SO ₂)
Cumene	Methyl Acetate	Tetraethyl Lead
Dry Natural Gas	MTBE	Toluene
Ethylene	Natural Gas – Air	Wood Stain
Ferrous Chloride	Nitrogen Dioxide	Xylene
Fire	Nitrogen Oxide(s)	

4. **OTHER** – applies to materials that **cannot** be categorized under **chemical**, **refined oil** or **crude oil**. Examples below:

Aluminium	Landfill Leachate	Sewage
Battery Fly Ash*	Molasses	Sludge
Chlorinated Water	Mold	Smoke*
Coal Ash*	Mulch	Soot*
Dead Animal	Non-Chlorinated Water	Tires
Drilling Mud	Potable Water	Trash
Empty	Produced Water	Wastewater
Human Body	Salt Water	Coal

*If Battery Fly Ash, Coal Ash or Soot is in **coastal waters**, GLO **MUST** be notified.

* If the caller knows what's causing the smoke, then classify the material properly. If they aren't positive what is burning to cause the smoke, and are complaining about the smoke, then it would fall under this classification.

5. **OIL LIKE SHEEN (from an unknown source)** – applies when an **oil like sheen on the water** has been **observed**, but it is **unknown where it came from**.

- List it as **Oil Like Sheen-Color of sheen**
 - E.g. **Oil Like Sheen-Red**
 - If there is no color to the sheen, simply list it as **Oil Like Sheen**
- If there is an **oil like sheen** and they know what type of **oil product** it is:
 - List it accordingly, and list the product name next to the classification

- E.g. Refined Oil-Diesel Fuel

6. **UNKNOWN** – should be used as a **LAST RESORT** if the material is completely unknown.

- If the material is **unknown** and it creates a sheen:
 - List it as **Unknown-Mystery Sheen**
 - If there is a color associated with the sheen, list it as **Unknown-Rainbow Sheen**
 - Provide a size and additional description of the sheen in the *Description of Incident* field
- If the material is **unknown**:
 - List it as **Unknown-Description of material; for example:**
 - **Unknown-Foul Sewage Like Odor**
 - **Unknown-Asphalt Like Odor**
 - **Unknown-Green Slimy Material**

When more than one substance is mixed together, utilize the table below to determine the correct material classification.

- E.g. if **Crude Oil** (crude) is mixed with **Diesel Fuel** (refined oil), then the mixture should be listed as **Refined Oil** on the report. See below:

MIXTURE TABLE

SUBSTANCE	Crude	Refined	Chemical	Other
Crude	Crude	Refined	Crude	Crude
Refined	Refined	Refined	Refined	Refined
Chemical	Crude	Refined	Chemical	Chemical
Other	Crude	Refined	Chemical	Other

Note: When there are multiple substances reported, this table can also help you determine the primary substance for notification when using the spill jurisdiction matrix.

- E.g. If there is a release of Diesel Fuel (Refined Oil) and Antifreeze (Chemical), you would use the mixture table to determine what product would be the primary Material Classification to utilize on the spill jurisdiction matrix.

ORIGIN/SOURCE – There are **7** choices for the “Origin.” The **only** choices are:

1. **DRUMS** – **Barrels, Buckets, Drums, Bottle**, or any containers **not associated with** one of the below Origin types.
2. **FIXED E&P (Exploration or Production)** – Any facility associated with the production of crude oil, natural gas, condensate or uses produced water.

Compressor Station	Operations	Tank Batteries
Crude Oil Tank Farms	Oil and Gas Drilling Rig	(Wastewater
Flowlines	Oil and Gas Leases	Disposal
Gas Wells	Oil Wells	Injection Well)
Gathering Line	Production Platform	Well Pad
Offshore Platforms	Stock Tank	Wellheads
Oil and Gas Drilling		

3. **FIXED NON E&P (Exploration or Production) FACILITY** – A catchall category for anything “fixed” (not portable) and **DOES NOT** produce crude oil, natural gas or condensate.

Bait Camp	Gas Station	Power Plant
Booster Station	Loading Arm	Power Unit
Cargo Dock	Manhole	Refinery
Chemical Plant	Marina	Seafood Business
Coal Mine	Marine Fueling Station	Sewage Line
Dock	Marine Related Facility	Shrimp Basin
Dock Line	Municipal Facility	Terminal
Factory	(Sewage/Water Plant)	Transformer
Fixed Non E&P Business	Pad Mounted Transformer	Water Line
(Warehouse)	Pole Mounted Transformer	Water Main

Note:

- If a **Tank Farm** is at a Fixed Non E&P Facility and it is spilling **Crude Oil** or an **Unknown product**, the source should be listed a **Fixed E&P Facility**.
- If it is **not spilling Crude Oil** or and **Unknown product**, then it should be listed as a **Fixed Non E&P Facility**.

4. **HIGHWAY/RAIL VEHICLE/AIRCRAFT** – Use this option only if it **IS NOT** located at a facility.

Aircraft	Locomotive	Farm Tractor
Any In Transit Vehicle	Rail Car/Rail Vehicle	Train
Car	Tank Truck	Truck

5. **TRANSMISSION PIPELINE** (4 inch or larger diameter) – Use this option if the caller stated the material released from a pipeline.
6. **UNKNOWN (Last resort!)** – Only choose this option if you **DO NOT** know where the material is coming from.
7. **WATER VESSEL** – Use this option only if it is underway or out in the water, but not located at a facility.

Aircraft Carrier

Freight Ship

Tank Vessel

Barge

Naval Ship

Tanker

Chemical Carrier

Pleasure Craft/Boat

Tow Boat

Dinghy/John Boat

Push Boat

Tug Boat

Dredge

Shrimp Boat