

Inland Oil Spill Response Guide

EPA ERT and Region V

April 2004

PDF Documents Available

Tundra Treatment Guidelines, State of
Alaska

Oil Spill Technology Assessment Guide,
USCG, NOAA, EPA

Oil Spill Bioremediation Selection Guide,
EPA, Region VI

Others as we get approval

Inland Oil Spill Response Operations Manual

Starting with what's spilled...

I - Oil Classification:

- 1 Gasoline Products
- 2 Diesel-like Products/ Light Crude
- 3 Medium Crude/ Intermediate Products
- 4 Heavy Crude/ Residual Products
- 5 Non-Floating Oils
- 6 Non-Petroleum Oils

...and where,...

II - Environments:

1 Land:

Hardscape
Broken Rock
Frozen Soils
Clay
Loose Soil
Saturated Soil
Wetlands

2 Water:

Raging Flow
High Flow
Low Flow
Still Water
Wetlands

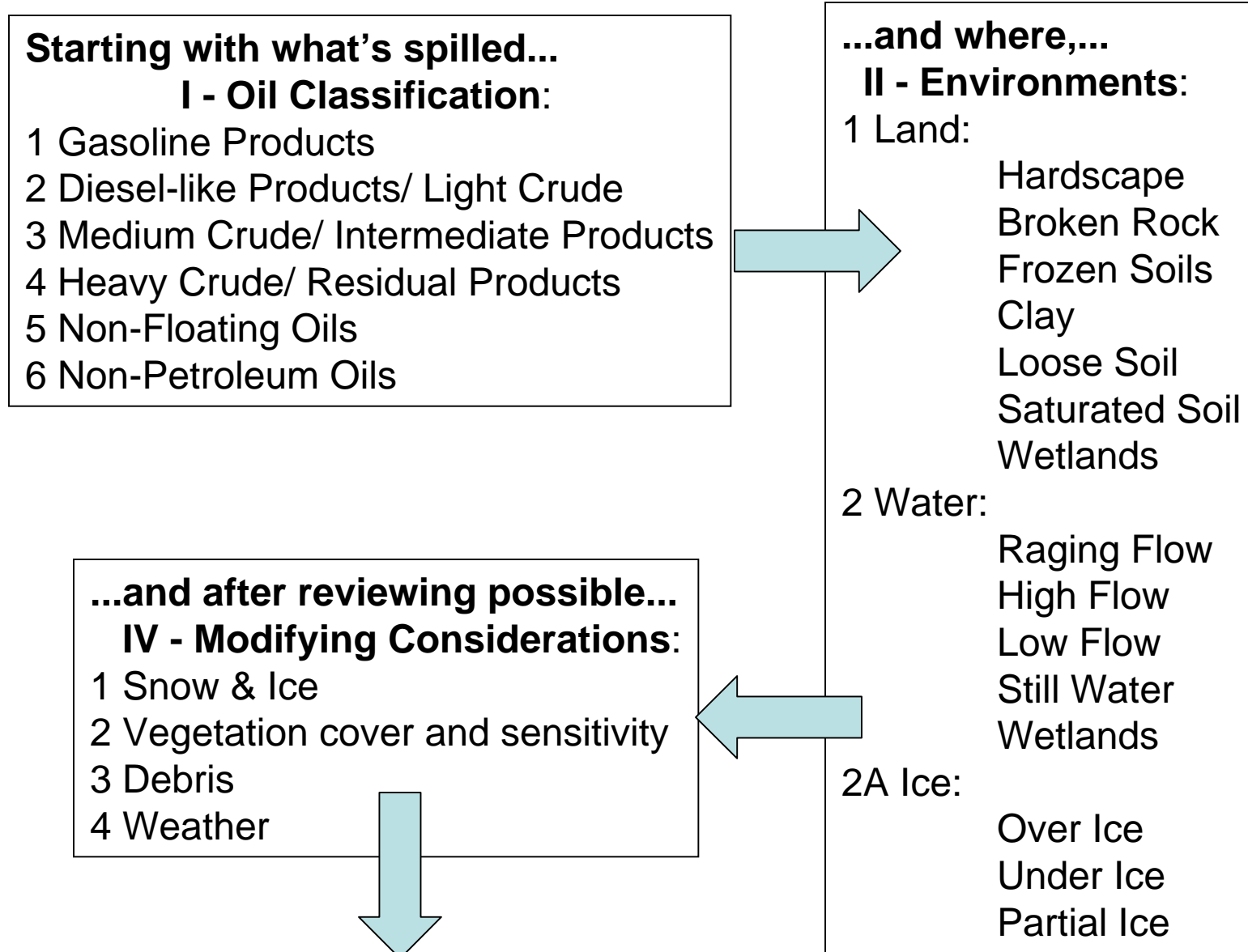
2A Ice:

Over Ice
Under Ice
Partial Ice

...and after reviewing possible...

IV - Modifying Considerations:

- 1 Snow & Ice
- 2 Vegetation cover and sensitivity
- 3 Debris
- 4 Weather



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Evaluate the feasibility of the...

III - Response Methods:

1 Physical:

- Booming
- Sorbents
- Elastomers
- Herders
- Emulsion Breakers
- Beach Cleaners

2 Chemical:

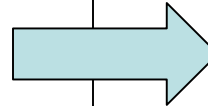
- Dispersants
- Pre-Treatment Agents
- Surface Washing Agents

3 Biological:

- Nutrient Addition
- Bioremediation Agents
- Soil & Debris Disposal

4 Burning:

- In-situ Water
- In-situ Land
- Ex-situ Soil & Debris Burning



...and prepare the...

V - Response Strategy:

A combination of feasible treatment and control methods.

Website Location for IOSOR

- <http://www.ertresponse.com/iosor>
- Currently the site is set up as a demonstration, so you may log on as “demo” pw “demo.”
- You eventually will need to register using your email address and a password.
- Thereafter you will be able to logon.