

Fuel Line and Piping Problems

- ◆ All oil supply and return lines that are buried or within concrete should be fully encased in a non-metallic, liquid-tight conduit.
- ◆ Buried electrical lines near your tank or fuel lines cause electrolysis which rapidly damage lines.



- ◆ Underground pressure return lines can leak undetected for years.
- ◆ Fuel lines located within concrete or buried underground should be continuous from burner to tank and have no splices.

What to Do in Case of a Spill

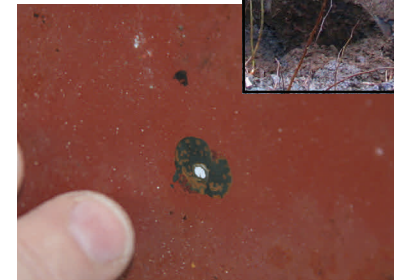
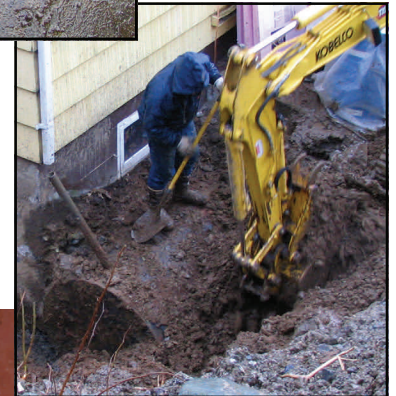
- 1) Try and identify the source of the spill or leak.
- 2) Stop or contain the spill to the best of your abilities. (This may mean calling your fuel provider and having the tank emptied.)
- 3) Report the spill to your local ADEC office.



For more information on heating oil systems visit:
<https://dec.alaska.gov/spar/ppr/prevention-preparedness/hho-tanks/>

ADEC Response Line
1-800-478-9300
ReportSpills.alaska.gov

Underground Heating Oil Tank Inspection Guide



**Alaska Department of
Environmental Conservation**
Division of Spill Prevention and
Response

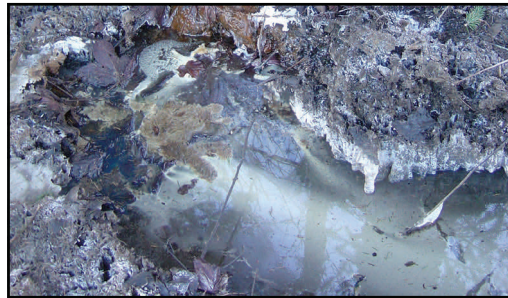
Underground Inspection Checklist

- ☐ How old is your tank? If you don't know the age of your tank, or if it is more than 15 years old, it may be time to replace it.
- ☐ Is there an odor of diesel around your tank or in your house? It could be from a leaking fuel tank.
- ☐ Check your tank for water! Water can corrode your tank from the inside or indicate that your tank is leaking.



- ☐ Check your fuel usage. Keep track of your oil consumption. A dramatic increase in fuel consumption may indicate a leak!
- ☐ Is your furnace or boiler acting up? Have the fuel lines and tank checked.

- ☐ Check for sheen or diesel in nearby streams, drainage ditches or wetlands. Sheen can be a sign of a leaking tank.



- ☐ Check the fill cap. If damaged or missing, replace immediately!

- ☐ Check for unexplained distressed or dead vegetation around your fuel tank.



- ☐ Check to make sure the vent line is clear of foreign matter like spider webs.
- ☐ If possible, have the system pressure tested. Return lines can leak for years without any indication of a problem.

Typical Underground Oil Tank Installation

