

REFERENCE 1

| Product Released | Chemicals To Sample Drinking Water | Chemicals To Sample Non-Drinking Water | Chemicals To Sample Surface Drinking Water*** | Chemicals To Sample Surface Non-Drinking Water*** |
|---------------------------------|--|---|--|--|
| Gasoline | Benzene Ethylbenzene Toluene Totals Xylenes MtBE Naphthalene | Benzene Ethylbenzene Toluene Totals Xylenes MtBE Naphthalene | Benzene Ethylbenzene Toluene Totals Xylenes | Benzene Ethylbenzene Toluene |
| Diesel* Jet Fuel Kerosene | Benzene Ethylbenzene Toluene Totals Xylenes MtBE PAHs | Benzene Ethylbenzene Toluene Totals Xylenes MtBE Naphthalene | Benzene Ethylbenzene Toluene Totals Xylenes Benzo(a)pyrene | Benzene Ethylbenzene Toluene Modified PAHs**** |
| Waste Oil* Used Oil | PAHs Cadmium Chromium, Total Lead, Total Silver Zinc | Naphthalene | Benzo(a)pyrene Cadmium Chromium, Total Lead, Total | Modified PAHs**** |
| Aviation* Fuel | Benzene Ethylbenzene Toluene Totals Xylenes MtBE EDB***** EDC PAHs Lead, Total | Benzene Ethylbenzene Toluene Totals Xylenes MtBE Naphthalene EDB EDC | Benzene Ethylbenzene Toluene Totals Xylenes EDB***** EDC Benzo(a)pyrene Lead, Total | Benzene Ethylbenzene Toluene EDC Modified PAHs**** |
| Unknown** | Aviation+Waste Oil | Aviation+Waste Oil | Aviation+Waste Oil | Aviation+Waste Oil |

*EPH to be sampled only during tank closure and analyzed by TN Extractable Petroleum Hydrocarbons (EPH) Method; GRO no longer required

**Tanks with unknown contents will be required to analyze all COCs

***Chemicals to be sampled **only** at the surface water receptor

****Modified PAHs - Reference 2 list minus Acenaphthylene, Benzo(g,h,i)perylene, Naphthalene, and Phenanthrene. Include these COCs in all ground water sample analysis if a surface water is a potential receptor. Do NOT add to soil analysis.

*****EDB ground water samples shall be analyzed by EPA method 8011

BTEX, MtBE, Naphthalene, EDB, and EDC shall be analyzed by EPA method 8260B

PAHs in water shall be analyzed by either EPA method 8270C SIM or EPA method 8310

(water samples shall be field filtered using a 0.45 micron filter); PAHs in soil no longer required

Metals shall be analyzed by EPA method 200.7 for water and EPA method 6010/3050 for soil (water samples shall be field filtered using a 0.45 micron filter)