

GEELONG GROUNDWATER MONITORING GLOSSARY

BTEX	Benzene, Toluene, Ethyl benzene and Xylene
TPH	Total Petroleum Hydrocarbons
pH	Minus logarithm of concentration of Hydrogen ions
SPH	Separate Phase Hydrocarbons
ANZECC	Australian and New Zealand Environment and Conservation Council
NSW EPA	New South Wales Environment Protection Authority

TERMINALS' GEELONG GROUNDWATER MONITORING

- Annual independent event
- All monitoring wells gauged
- Key downgradient wells are sampled and analysed for BTEX and TPH
- Physical parameters of temperature, pH, redox potential, conductivity and dissolved oxygen

RESULTS

- Some monitoring wells opposite Shell show Separate Phase Hydrocarbons (SPH)
- Key downgradient wells meet ANZECC guidelines (for TPH, defaulted to NSW EPA aquatic ecosystems – fresh criteria)