

APPENDIX D

---

**A Sample List of VOC  
Monitoring Parameters**

Subject to further agreement between the DBO Contractor and the EIAO authority, the following VOC parameters shall be considered for surface gas emission monitoring:

- 1\_1\_1-Trichloroethane
- 1\_2-Dichloroethane
- Butanethiol
- Carbon Tetrachloride
- Dimethyl Sulfide
- Ethanol
- Ethyl Propionate
- Methanethiol
- Xylenes
- n-Butyl Benzenes
- Nonane
- Undecane
- Terpenes
- Trichloroethylene
- Ethyl Benzene
- o-Dichlorobenzene
- n-Nonane
- 1\_2-Dibromoethane
- Benzene
- Butyl acetate
- Chloroform
- Dipropyl Ether
- Ethyl Benzene
- Limonene
- Methanol
- Methyl Propionate
- n-Decanes
- n-Octane
- Propyl Propionate
- Tetrachloroethylene
- a-Pinene
- m,p-Xylene
- p-Dichlorobenzene
- n-Propyl Benzene
- 1\_2-Dichlorobenzene
- Butan-2-ol
- Carbon Disulphide
- Dichlorodifluoromethane
- Ethanethiol
- Ethyl Butyrate
- Methane
- Methyl Butyrate
- Methylene Chloride
- n-Heptane
- Propyl Benzene
- Toluene
- Vinyl Chloride
- b-Pinene
- m-Dichlorobenzene
- n-Butyl Acetate
- n-Undecane

Other parameters such as temperature, wind speed and direction should also be collected during VOC sampling. In case there is any abnormality, special monitoring should be conducted. The monitoring result shall also be reviewed and verified by IC and IEC.