

Meteorology

Meteorological data for the site is available from Hawarden observation station located approximately 7km east-southeast of the site and NRW comment in their most recent Decision Document that '*conditions are likely to be representative of those at the proposed landfill*'. Five consecutive years of hourly-sequential observation data from this location, covering the period 2012 – 2016, inclusive, have been obtained and presented as a windrose below. Reference should be made to presentation of individual 2012 – 2016, inclusive, wind roses for then modelled Hawarden meteorological dataset.

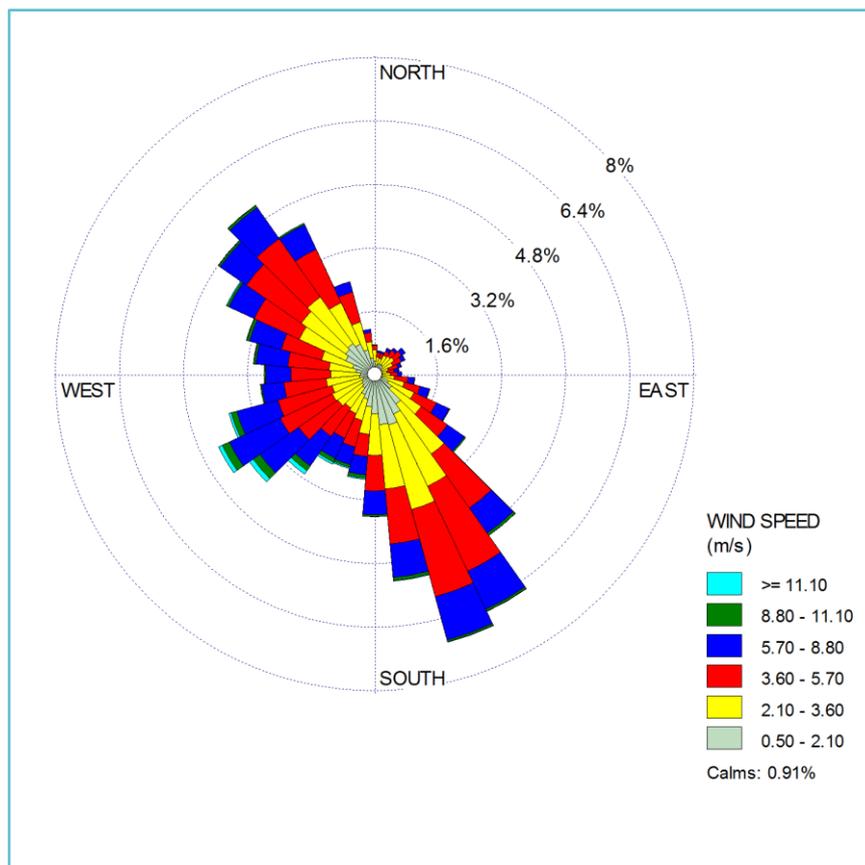


Figure 1
Hawarden Meteorological Station – 2012 - 2016

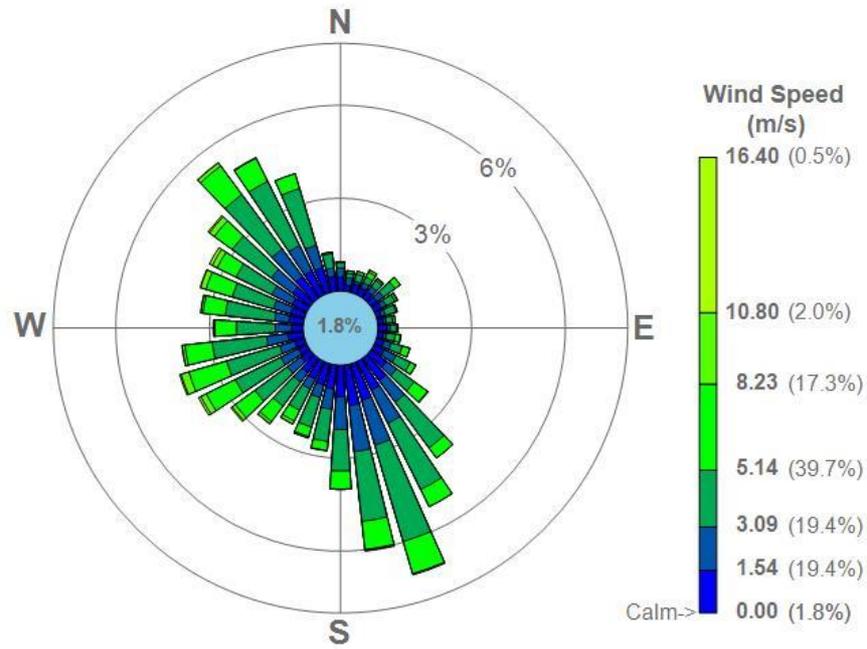


Figure AQ1-1
Wind-rose for Hawarden Meteorological Station
(2012)

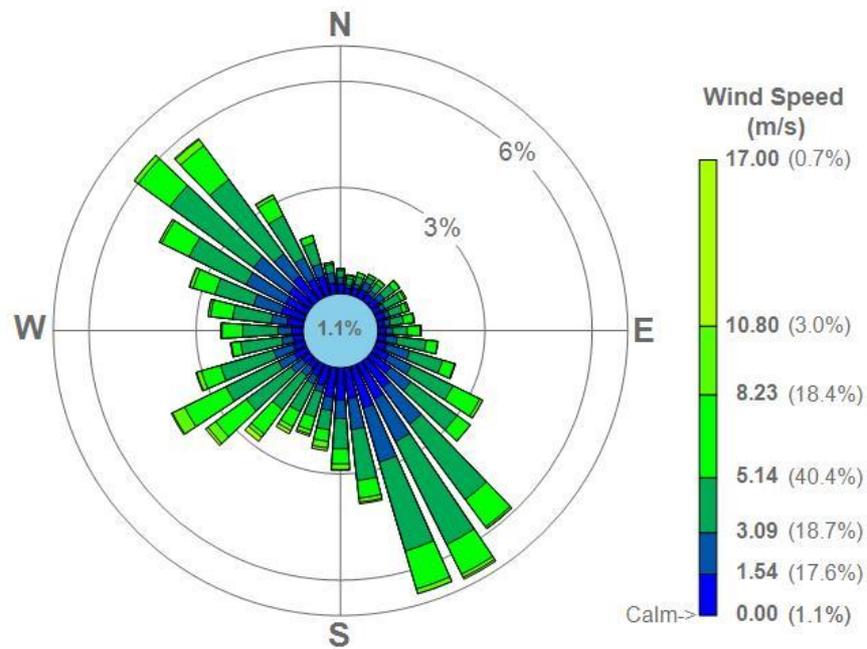


Figure AQ1-2
Wind-rose for Hawarden Meteorological Station
(2013)

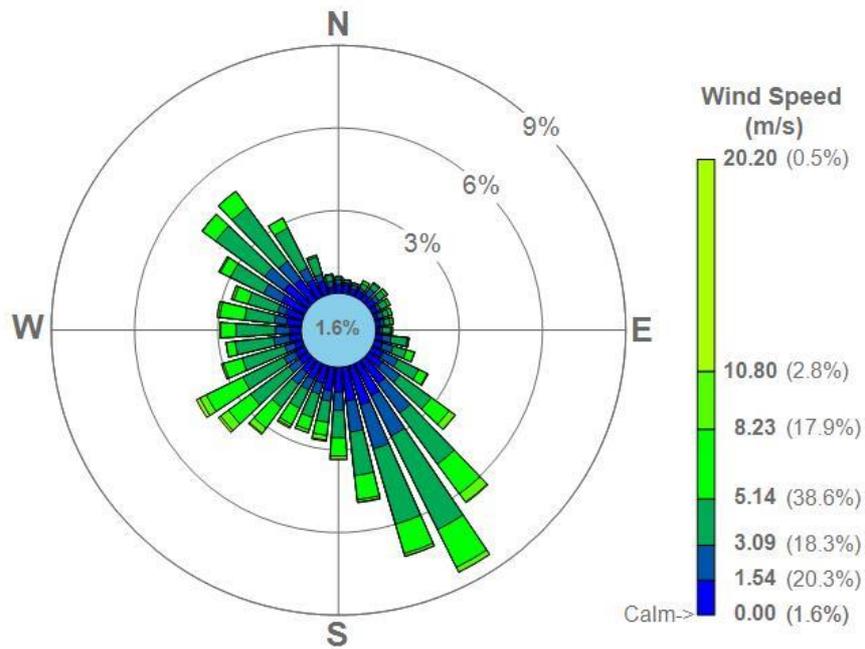


Figure AQ1-3
Wind-rose for Hawarden Meteorological Station
(2014)

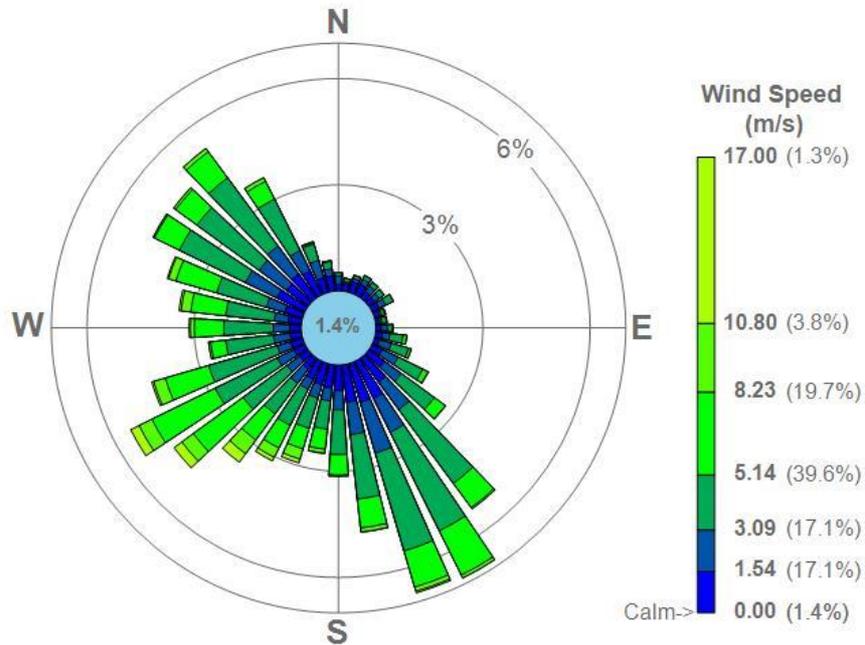


Figure AQ1-4
Wind-rose for Hawarden Meteorological Station
(2015)

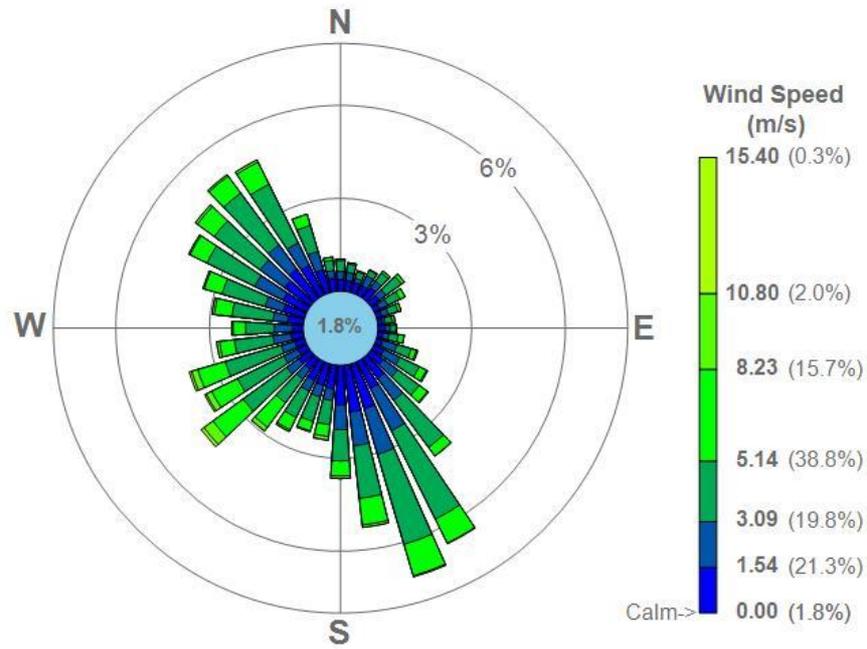


Figure AQ1-5
Wind-rose for Hawarden Meteorological Station (2016)