

IXOM PORT KEMBLA - WHAT COULD AFFECT THE COMMUNITY?



What are the types of potential pollution incidents?	What is the likelihood of the pollution incident occurring?	Who or what is likely to be affected and to what extent?	How will the site notify the community?	What actions do I need to take to minimise harm?
Discharge of sulphur dioxide or sulphur trioxide to atmosphere above emission limits	Very unlikely. If there is a plant failure (caused by disruption to power supply or mechanical failure) all systems are designed to fail safe and any emission will not last longer than a few minutes.	Site. Immediate industrial neighbours. Residents to within 1km south east with prevailing winds and extended incident.	Telephone immediate neighbours if necessary. Emergency services will advise wider community if required. Website will be used for updates.	Industrial neighbours and residents should close windows and stay inside if advised by emergency services until further notification is given.
Discharge of sulphuric acid to stormwater drains bypassing treatment plant	Very unlikely. Could be caused by tank or pipe failure. Unlikely to impact downstream users as channel runs into outer harbour and site has secondary containment.	Site. Storm water drain and outer harbour.	Telephone Port Authority. Emergency services will advise wider community if required. Website will be used for updates.	Stay away from liquid clean up area.
Contaminated storm water (low pH)	Very unlikely. Heavy rain event for a continued period may increase the likelihood. No downstream users. Site has secondary containment.	Storm water channel and harbour.	Telephone Port Authority. Emergency services will advise wider community if required. . Website will be used for updates.	Avoid channel entrance to harbour.
Molten sulphur fire and release of sulphur dioxide or hydrogen sulphide	Very unlikely. Could be caused by tank or pipe failure.	Site. Immediate Industrial neighbours. Residents to within 1km south east with prevailing winds and extended incident.	Telephone immediate neighbours if necessary. Emergency services will advise wider community if required. Website will be used for updates.	Industrial neighbours and residents should close windows and stay inside if advised by emergency services until further notification is given.