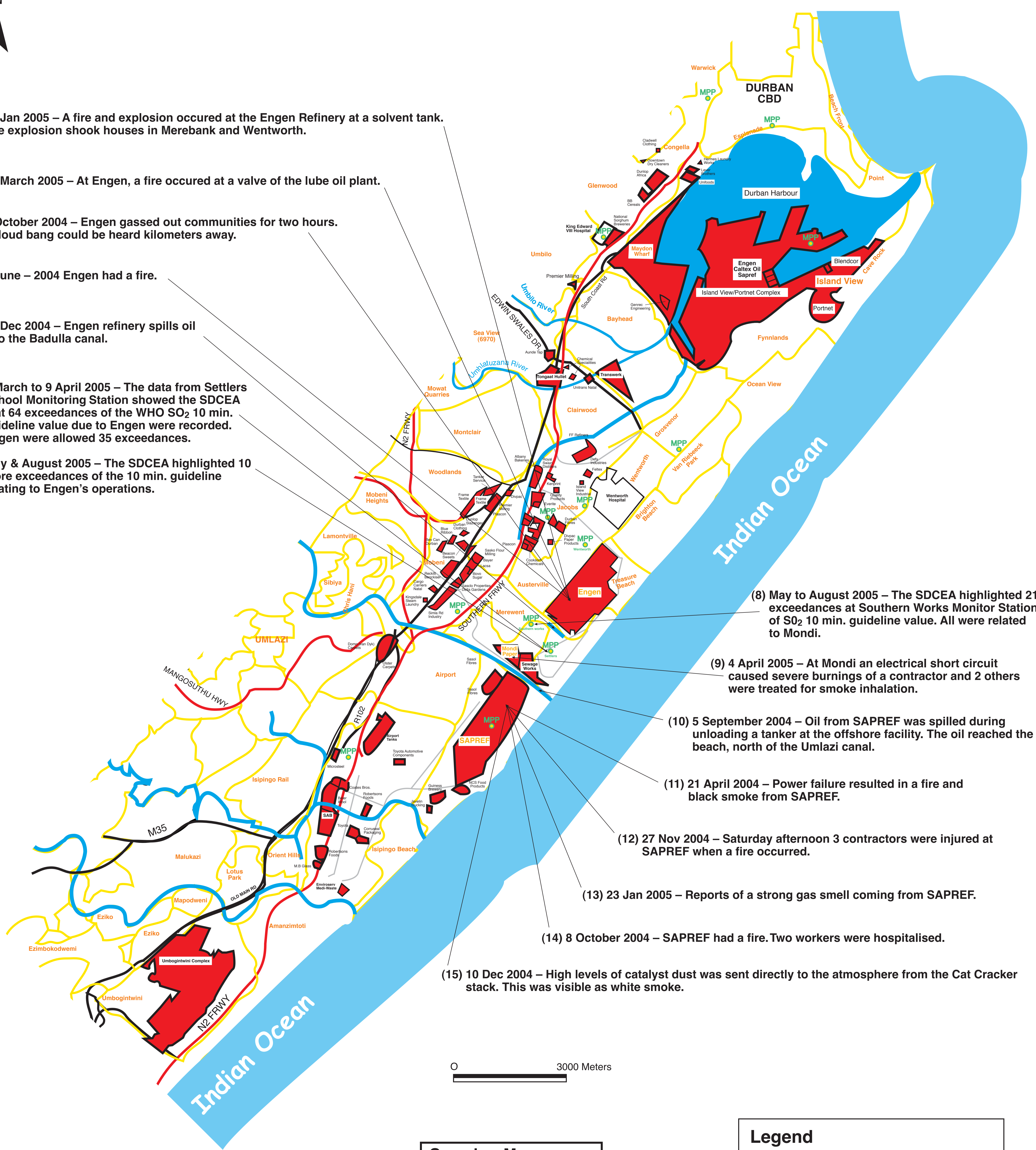


# Pollution incidents in the South Durban Basin

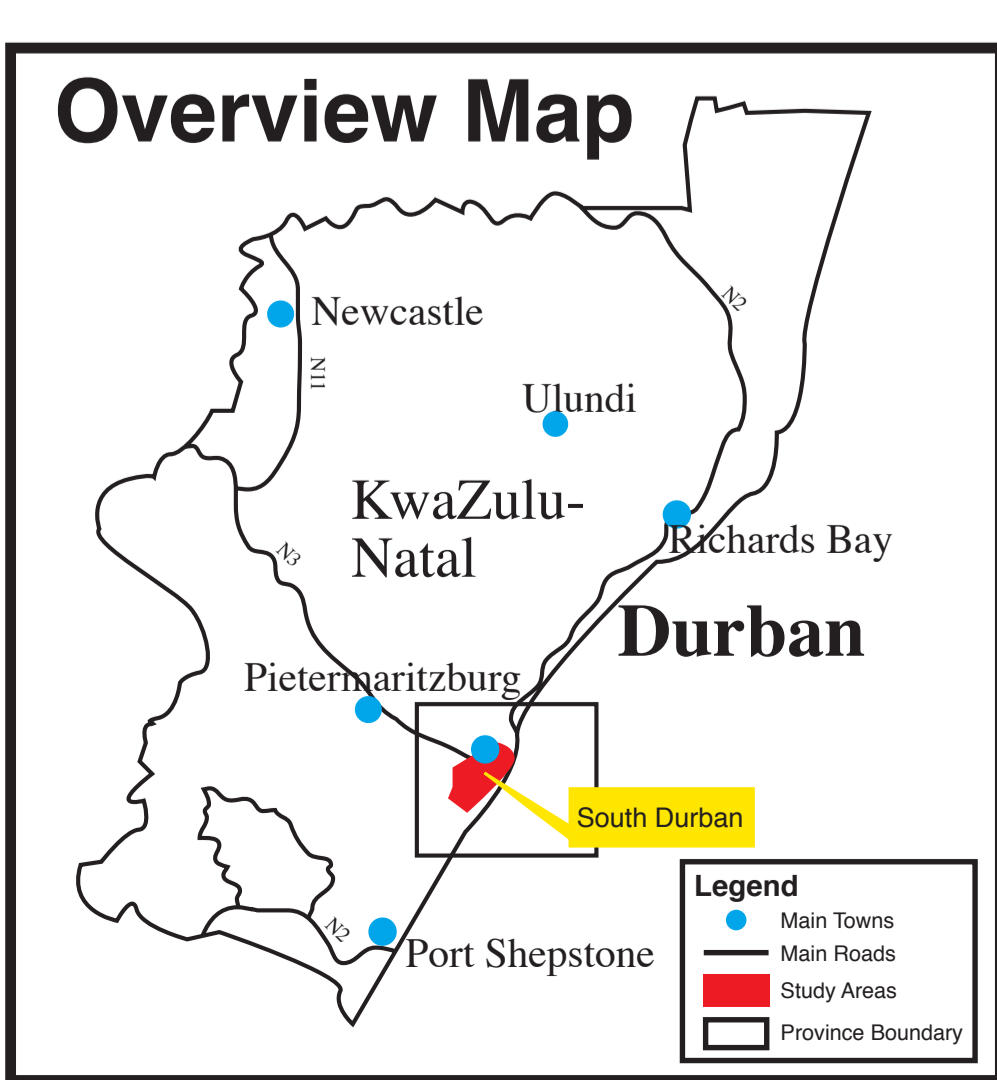
*A Community under siege April 2004 - Sept 2005*



- (1) 18 Jan 2005 – A fire and explosion occurred at the Engen Refinery at a solvent tank. The explosion shook houses in Merebank and Wentworth.
- (2) 29 March 2005 – At Engen, a fire occurred at a valve of the lube oil plant.
- (3) 7 October 2004 – Engen gassed out communities for two hours. A loud bang could be heard kilometers away.
- (4) 7 June – 2004 Engen had a fire.
- (5) 31 Dec 2004 – Engen refinery spills oil into the Badulla canal.
- (6) 7 March to 9 April 2005 – The data from Settlers School Monitoring Station showed the SDCEA that 64 exceedances of the WHO SO<sub>2</sub> 10 min. guideline value due to Engen were recorded. Engen were allowed 35 exceedances.
- (7) July & August 2005 – The SDCEA highlighted 10 more exceedances of the 10 min. guideline relating to Engen's operations.



- (8) May to August 2005 – The SDCEA highlighted 21 exceedances at Southern Works Monitor Station of SO<sub>2</sub> 10 min. guideline value. All were related to Mondi.
- (9) 4 April 2005 – At Mondi an electrical short circuit caused severe burnings of a contractor and 2 others were treated for smoke inhalation.
- (10) 5 September 2004 – Oil from SAPREF was spilled during unloading a tanker at the offshore facility. The oil reached the beach, north of the Umlazi canal.
- (11) 21 April 2004 – Power failure resulted in a fire and black smoke from SAPREF.
- (12) 27 Nov 2004 – Saturday afternoon 3 contractors were injured at SAPREF when a fire occurred.
- (13) 23 Jan 2005 – Reports of a strong gas smell coming from SAPREF.
- (14) 8 October 2004 – SAPREF had a fire. Two workers were hospitalised.
- (15) 10 Dec 2004 – High levels of catalyst dust was sent directly to the atmosphere from the Cat Cracker stack. This was visible as white smoke.



**Legend**

- MPP Multi Point Plan Air Monitoring Stations
- Roads**
  - National Roads
  - Main Roads
  - Other Roads
- Polluting Industries
- Rivers
- Placenames
- Indian Ocean

The companies shown as 'Polluting Industries' were extracted from the South Durban Emission Inventory, which lists emitters of Sulphur Dioxide and other criteria pollutants.

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