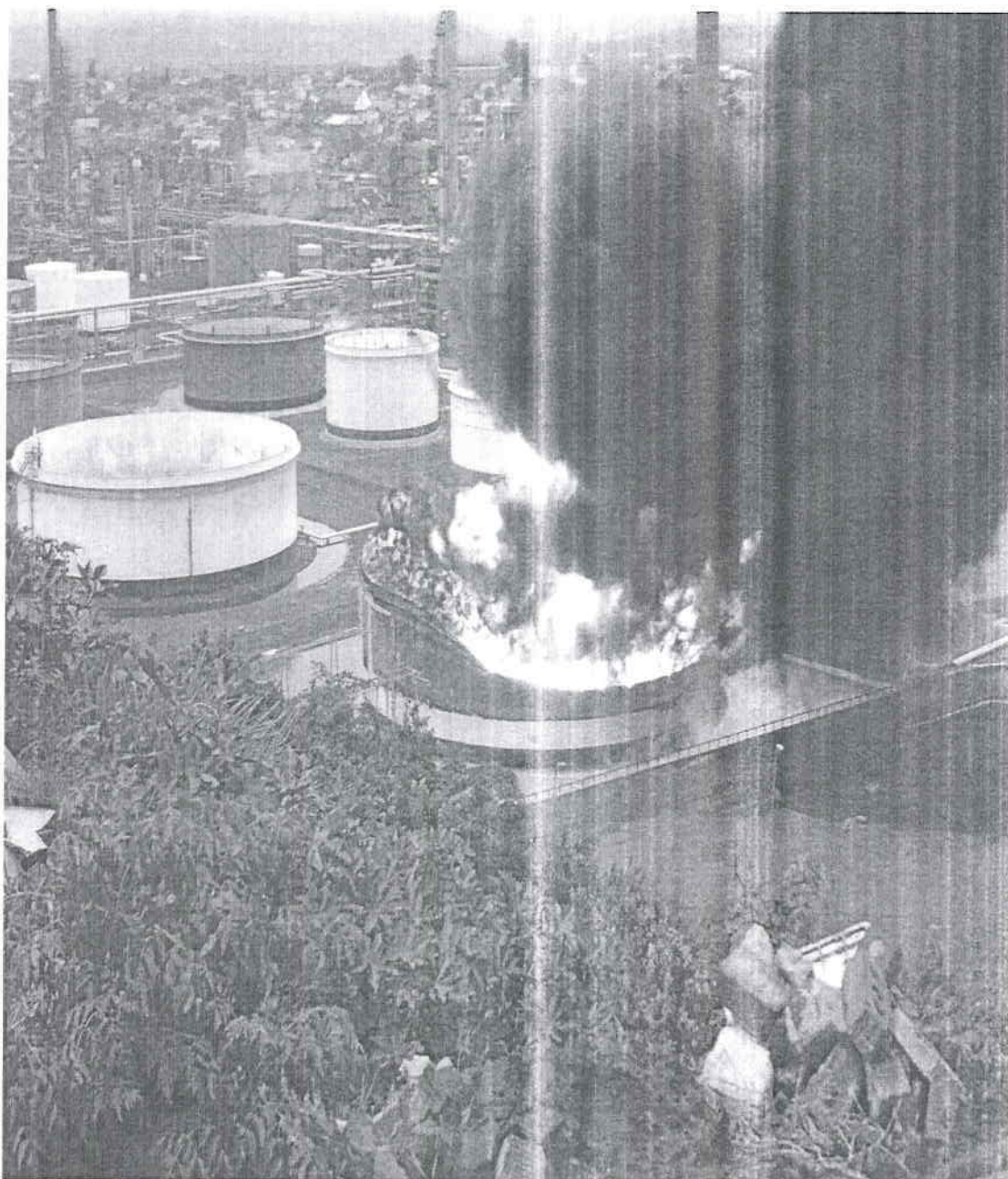


ENGEN Refinery Incident / Accident



Date	Incident or Accident
30 Nov 1994	Man fights for his life. Horror gas explosion.
03 Jan 1995	Gas explosion victim goes home
14 Sept 1998	Oil contaminates Umbilo Canal.
18 Jan 1999	Engen Refinery Blaze
19 Jan 1999	A Fire at the Engen Refinery
06 Jan 2001	Engen refinery spills 1000 liters of oil into Badulla Canal - claiming rain as the reason
09 Jan 2001	Fire in the bitumen blending. On the same day 6000 liters of Solvent spilled from a faulty valve on a road tanker.
28 May 2001	Engen worker T Van der Schyff killed and another (E Mlaba) seriously injured by Hydrofluoric Acid. No action taken.
25 Oct 2001	Engen reports underground pipe leak resulting in 25,000liters Of diesel being lost.
1 Nov 2001	Engen Refinery Discovers another fuel leak
22 Nov 2001	Engen flare problem results in massive flaring twice in one day
23 Nov 2001	Engen 1000 liters of Oil spilled into the Badulla Canal.
24 Jan 2002	Engen refinery fire
17 Feb 2002	Engen Spill into the Umlaas Canal
21 Feb 2002	Engen - Safer Fire, Propane line rupture at safer unit at Engen refinery
22 Feb 2002	Engen Refinery spills 3000 liters oil into Badulla canal and is fined R500. Claims caused by rain.
8 Mar 2002	Engen caused pollution to SD Communities
10 Mar 2002	Excessive flaring Engen combo stacks
12 Mar 2002	Engen oil spill on Duranta Rd and Badulla Drive. Apparently the spill was covered with sand.
5 May 2002	Settlers School students taken ill after toxic emissions. Reference to Engen excessive flaring (Sunday Tribune Herald)
12 May 2002	Merebank community complaints of suffocating plume gases from Engen refinery as pilot flare fails on start up of refinery releasing raw VOC's.
17 May 2002	Pupils from Settlers fall ill after Toxic Emissions
02 Oct 2002	A community member called the SDCEA office to say everyone at the shopping centre in Raj Mahal Road, Merebank was complaining about a strong smell, and his elderly mother was feeling nauseas
02 Oct 2002	A motorist phoned to say that Engen Lube refinery stack was smoking at 06h30 and the density of the smoke indicated that they were not burning gas only (which they are only supposed to do)
13 Oct 2002	Explosion at the Engen refinery - toxic chemical released. A root cause analysis reports was not released
24 Oct 2002	Fire Fighters were sent into the Durban harbour high security zone yesterday after a leak developed on an Engen fuel storage tank

28 Oct 2002	Stench gets up residents nose
23 Nov 2002	1000 liters of oil spilt into the Stanvac canal impact on the residents of Merebank and Dinapur Road flats
24 Dec 2002	Some 20,000 liters of Marine gas oil and unleaded petrol spilled into the canal linking Engen petroleum to Durban Harbour on Tuesday 24/12/02 at 5am
01 Jan 2003	The south flare was larger than usual. Investigation findings found nothing abnormal. A request was made that the refinery be proactive in reducing its flare
08 Jan 2003	treatment for asthma, wheezing and lame legs. City health Residents complained of a Diesel smell from the canal, 60 residents needed medical failed to provide adequate doctors.
10 Jan 2003	Engen had a power cut of at 2.30pm. SDCEA called City health to investigate. There was a release of flue gases
10 Feb 2003	A tanker that was loaded up with Asphalt and Bitumen at Engen leaked on the road causing at least one accident. Police were called in. Workers were seen covering the spill with sand
17 Feb 2003	the Engen refinery released toxic chemicals from the stacks in to the air
17 Feb 2003	Engen flare pressured
26 Feb 2003	Engen had a power cut. Engen called SDCEA. SDCEA called City health to investigate. It was discovered that the cause was flue gases
26 Feb 2003	There was an internal power dip at approximately 11.30am. This dip took down a section of the refinery via South Complex Gases were released to the south flare from the fuel as system. This gas contained some C1, C2 C3 C4 and H2s this release was for approximately an hour. The quantity is approximately 3500kg
28 Feb 2003	Engen flare for approximately 3 hours. Steven called Engen at 7.30 pm last night
28 Feb 2003	The flare was from the gas system. This was due to an upset in the crude unit. The flare was for approximately 3 hours intermittently. The quantity of gas released of approximately 1000kg. The gas would have contained Hydrogen, Methane, Ethane, Propane and some Butane
17 Mar 2003	Rene Abraham's response to my email sent on 26 March 2003 stated that some gases escaped from a high point vent from a process unit in the Combo area. As this was a high point it cannot be detected from the ground. Systems are being looked at to detect the problem as soon as it happens, in order to rectify it immediately. Gas flared: C1 C2 C3 C4 C5 C6 H2 H2S
20 Mar 2003	Engen refinery had a major spillage in the Stanvac Canal last night after a heavy downpour. Engen has hired Wastetech today to suck up all the oil that is floating on the water. Dead fish were also removed. Mohamed from DAEA has taken photos of the incident and the truck. The truck driver was from WasteTech and they verified that Engen had hired them to suck up the oil.

26 Mar 2003	An Engen petrol tanker crash yesterday. It turned parts of the South Coast N2 into a frightening no-go area when flames leapt meters into the air and set fire to a whole section. See - P1 of the Sunday Tribune April 27, 2003.
23 Jun 2003	Engen was flaring. Black smoke emitted from the stack on to the community.
26 Jun 2003	Engen flared for 1 hour and black smoke was emitted from the stack on to community.
07 Aug 2003	Yesterday afternoon a large international truck (No. plate csm081fs) was seen spilling diesel while travelling through the Treasure Beach area. Diesel was spilt all the way up Nerisa Rd and Ballerina Terrace towards Marine Drive. The truck then entered Engen premises.
08 Aug 2003	Engen flare and black smoke for the stack.
15 Aug 2003	Refinery flaring causes concern
08 Sep 2003	From the 8-19 of August heavy flaring reported daily. Mostly in the earlier hours of the morning
30 Sep 2003	250ppb Sulphur Dioxide recorded at Settlers monitoring station Source. Engen.
15 Oct 2003	From the 15 to the 17 of October Sulphur Dioxide exceedences above 240ppb from Engen. Highest recorded 600ppb from Engen recorded at Southern Works monitoring station.
03 Nov 2003	Engen Refinery released gas into the air. Impacted on the residents
24 Dec 2003	Engen Refinery flaring heavy on Wednesday. Clouds of black smoke and fire from the stack of the flaring.
04 Mar 2004	Pupils & Staff are gassed
24 Mar 2004	Spillage on Duranta Road hill west bound (smell similar to paraffin or diesel. It was at 20h45. Metro fire and Metro police attendance to the spillage on the road. The road was covered with sand to soak up spillage. This was done to make the road safe of residents to drive. The truck came from the Engen.
21 May 2004	FCCU released emissions in to the atmosphere
12 May 2004	Wednesday, at 6am residents of Merebank were gassed out by Engen yet again with Hydrogen Sulphide. Residents' complaints were logged at eThekwini Emergency Services and at the South Durban Community Environmental Alliance offices.
7 Jun 2004	Engen Refinery in South Durban had a fire on the plant on Monday at 12 pm
7 Oct 2004	Thursday, Engen Refinery gassed out communities for two hours. Immediately after this there was a loud bang, which could be heard for kilometers. A fire in sub station resulted in a power outage at the Engen Refinery at 9h25 this morning. This resulted in a fire and the plant had to be shutdown.
31 Dec 2004	ENGEN refinery spills oil into Badulla canal - claiming rain as the reason.

18 Jan 2005	At about 20:45 a fire occurred at the Engen Refinery in South Durban. The fire occurred at one of Engen’s solvent tanks. The Explosion rocked houses in Merebank and Wentworth. The sirens sounded twice which meant there was something serious happening on the plant.
01 Feb 2005	At about 5pm a diesel tanker spilled on Duranta Road. Metro Fire and Police attended to the spillage. The road was covered with sand to cover the spillage.
11 Mar 2005	At about 10pm there was another diesel tanker spilled on Duranta Road. Metro Fire and Police attended to the spillage. The road was covered with sand to cover the spillage.
29 Mar 2005	A fire occurred at the Engen Refinery between 12 - 12.15 pm. It occurred on a valve of the lube oil plant. Fire fighters were sent out to put out the fire.
May 2005	During the period of 7 March 2005 to the 9 April 2005 an investigation undertaken by the SDCEA highlighted that the eThekweni Health Dept.’s monitoring station at Settlers School recorded 64 exceedences of the 10 minute WHO guideline related to Engen operations. This translates to Engen violating the permit condition during this period on 29 occasions.
Aug 2005	During July & August 2005 another investigation by the SDCEA highlighted another 10 exceedences of the 10 minute WHO guideline related to Engen operations. This translates to Engen violating the permit condition in total on 39 occasions.
Sept 2005	26/09/2005: At 21h30 a feed pump at the unsaturated gas plant (USGP) at Combo unit tripped causing a compressor to trip. This resulted in loss of feed to the Debutanizers which caused pressure safety valves (PSV) to lift .all gases were routed to the flare as per design. This resulted in a large flare. The pump could not be restarted because the switch gear had burnt out. Maintenance information shows that thorough thermograph check was done on the switch gear in June\July. The incident lasted 23 minutes
Nov 2005	21/11/2005: fire occurred at the Engen Refinery on Monday at 7.30am
April 2006	On Sunday the 16 April 2006 evening - Residents who live near the Engen Refinery in Wentworth and Merebank were shaken by a large bang. They reported what they thought were flames and smoke which didn’t look normal after the explosion, which occurred about 9.10 pm. This accident left one worker injured. The injured worker was apparently burnt when asphalt fell on his arms while the fire was being extinguished. Engen spokesman Raymond Damon said the fire broke out in the vacuum unit which produces oil from crude in the early stages of the petroleum production process. The fire had apparently

	<p>aged on for 20 minutes before being brought under control</p>
<p>11OCT 2006</p>	<p>Today residents from Wentworth, Merebank and Treasure Beach were greeted with a pall of black smoke coming out of the Engen Refinery which went on for over an hour. Residents clogged the Engen hotline to find out if they must evacuate, only to find that the refinery telephone is only operated on weekdays after 08.00am .The SDCEA office including my cell phone recorded over fifty telephone calls with some residents sending us Sass enquiring what is going on .The residents also complained about their babies been affected and some residents complained about the children with asthma had further attacks when the incident occurred. Most people living in the Wentworth, Austerville, Treasure Beach are now know about the automatic shutdown that occurred at the Engen Refinery yesterday morning as result of an interruption to our high voltage electricity supply from municipality. many of those who were in the area would have seen the flares and smoke that resulted. What happened is that the shutdown caused fuel gas to be sent to the flares.</p>
<p>20 NOV 2006</p>	<p>Engen Refinery flaring heavy Tuesday the 20\11\06 clouds of black smoke and fire from the stack of the flaring and a strong smell of Diesel</p>
<p>17th May 2007</p>	<p>Worker burned to death - Engen Storage Tanks - Island View</p>
<p>9 June 2007</p>	<p>On Saturday the 9 of June 2007 - A worker was allegedly electrocuted at Engen Refinery in South Durban. Another worker is injured and in hospital the injured contractor works was stabilised on the site and airlifted to St Augustine hospital other work was taken to hospital and treated</p>
<p>26 June 2007</p>	<p>An Employee of a crane company was killed at the Engen Refinery yesterday when a section of the crane that was being dismantled fell on him</p>
<p>03 July 2007</p>	<p>On Tuesday the 3 of July 2007 at 06.30 a Fire broke out at the Engen Refinery this morning. The hydrocarbon fire that broke out on the Alkylation unit in the refinery this morning has been extinguished. The fire occurred during the start up of the refinery at this stage it is not known what caused the fire.</p>
<p>18 November 2007</p>	<p>On Sunday the 18 of November 2007 Engen refinery at Wentworth has unfortunately experienced problems with boiler that resulted in a 10 minute emission from its FCC stack the problem occurred as a result of a tube leak on the boiler leading to steam and catalyst being emitted from the stack</p>



<p>06January 2008</p>	<p>On the 06/01/08 the refinery had a big flare that made the communities panic and not know what to do and were to go</p>
-----------------------	--

	We had to log a complaint on that incident.
06 January 2008	On the 06/01/08 The communities of the surroundings area Complained about a very strong Hydrogen Sulphide smell.
06 March 2008	On the 06/03/08 Engen refinery disposed a gas smell to the communities and the residents complained of burning eyes and breathing problems.
06 March 2008	On the 06/03/08 Engen refinery dumped a very heavy Gas smell on to the communities in the surroundings areas. The residents complained of burning eyes and breathing problems.
19 March 2008	On the 19 March 2008, there was an ignition of Hydrocarbon vapours in the refinery Oily water Sewer resulting in an underground explosion, it was in the Sasol Wax Plant.
02 May 2008	On the 02/05/08 SDCEA received a complain from the communities that Engen had a very bad Flare the communities were scare as to what was happening in the refinery. Residents complained on breathing problems.
06 May 2008	On the 06/05/08 Engen refinery dumped a very heavy Gas smell in the communities in the surroundings areas. The people complained about burning eyes and breathing problems.
18 May 2008	On the 18/05/08 Engen released a heavy strong Toxic smell to the communities in the surroundings areas. Residents had a very tough time having to breathe and they were suffocating.
08 July 2008	On the 08/07/08 The communities complained about a very heavy Hydrogen Sulphide smell that was released by Engen refinery.
23 June 2008	On the 06/03/08 Engen refinery disposed a gas smell to the communities and they complained of burning eyes and breathing problems and we had to log a complain.
25 July 2008	On the 08/07/08 SDCEA received a complain from the community that Engen was releasing Toxic chemicals in the community, and they suffered from respiratory illnesses.

08 September 2008	On the 08/09/08 SDCEA received a call from a member of the community saying that they are having a very bad egg smell coming from the Engen refinery.
26 October 2008	On the 26/10/08 The communities and the surroundings areas Complained to SDCEA about a very strong Hydrogen Sulphide smell, that was coming out of the Engen refinery.
28 October 2008	On the 28/10/08 the communities over the fence line of Engen complained that they are feeling Drowsiness, Asphyxia.
13 November 2008	On the 13/11/08 SDCEA received a complain from a members of the communities about a very strong petrol smell coming out of the Engen refinery.
13 November 2008	On the 13/11/08 Engen refinery had an explosion, fire in the Combo Unit after midnight; The people of the communities were scared to death.
28 January 2009	On the 28/01/09 residents complained about flaring that was on for a long time at the engen refinery.
03 February 2009	On the 03/02/09 on Tara road there was a bed sulphur smell coming out of the Engen refinery.

08 March 2009	On the 08/03/09 on Badula Drive the Engen dumped high volume of toxin on to the communities.
01 February 2009	On the 01/02/09 Engen released a rotten egg smell over the fancy line to the surrounding communities.
09 March 2009	On the 09/03/09 the communities of Austerville complained about a rotten egg smell on Tara road and Quality street.
06 April 2009	On the 06/04/09 a bed sweet smell and smoke came out of the Engen refinery.
07 April 2009	On the 07/04/09 bed strong petrol smell at the corner of Quality street and Tara road.
05 April 2009	On the 05/04/09 on the Badula drive a heavy sulphur dioxide smell was dumped on the communities of South Durban.

06 May 2009	On the 06/05/09 Engen released a rotten egg smell over the fancy line to the surrounding communities.
08 March 2009	On the 09/03/09 The people around the Engen Refinery complained about the rotten egg smell coming over the fancy line.
03 June 2009	On the 03/06/09 on Tara road there was a bed sulphur smell coming out of the Engen.
26 July 2009	On the 26/07/09 SDCEA received a complaint from members of the communities about a very rotten egg smell and a flare on the stack coming out of the Engen refinery.
27 July 2009	On 27/07/09 the communities over the fence line of Engen complained that they are feeling Drowsiness, Asphyxia

02 August 2009	On the 02/08/09 The communities complained about a very heavy Rotten egg smell that was released by Engen refinery.
08 August 2009	On the 08/08/09 a very heavy Gas smell came over the engen fancy line on the Badula Drive.
09 August 2009	On the 09/08/09 The communities complained about a very heavy Hydrogen Sulphide smell that was released by Engen refinery.
19 August 2009	On the 19/08/09 a very heavy petrol smell came over the engen fancy line.
02 September 2009	On the 02/09/09 on the Badula drive a heavy sulphur dioxide smell was dumped strongly at the communities.
08 October 2009	On the 08/10/09 bed strong petrol smell at the corner of Quality street and Tara road.
09 October 2009	On the 09/10/09 steam came out of the stacks of Engen that released a heavy strong rotten egg smell.

09 December 2009	On the 09/12/09 on Badula drive a heavy sulphur dioxide smell was dumped at the nearby communities.
05 February 2010	On the 05/02/10 Engen refinery released toxic sulphur on to the communities close by to and they were finding it difficult to breath.
22 February 2010	On the 22/02/10 residents complained about flaring that was on for a long time at the engen refinery.
10 March 2010	On the 10/03/10 Engen refinery disposed a gas smell to the communities and they complained of burning eyes and breathing problems
03 May 2010	On the 03/05/10 Engen released a rotten egg smell over the fancy line to the surrounding communities.
15 June 2010	On the 15/06/10 a bed sweet smell and smoke came out of the Engen refinery stacks.
04 July 2010	On the 04/07/10 on Badula drive there was a bed sulphur smell coming out of the Engen refinery.
15 August 2010	On the 15/09/2010 complaints from members of the communities about a strong rotten egg smell, a flare on the stack coming out of the Engen refinery.
28 August 2010	On the 28/09/10 Engen refinery released toxic sulphur on to the communities close by and they were finding it difficult to breath.
07 October 2010	On the 07/10/10 The communities complained about a very heavy Hydrogen Sulphide. Smell that was released by Engen refinery.
03 March 2011	At the ENGEN refinery a worker believed to be in his 30's was killed at 6.30 am working in a reactor on the polymerization plant.
10 October 2011	During morning hours the Engen refinery had a huge fire that scared the whole communities of the surrounding areas were gassed out and the settlers primary school kids about 100 of them had to be sent to hospital.

Pollution Incidents in South Durban SAPREF



Refer to Newspaper Clipping	Date	Incident or Accident
	16 Jan 1998	Oil spill into Durban harbour from SAPREF pipeline at Berth 1. A ton of oil spilled according to SAPREF (South Sun Jan 16 1998)
	6 Feb 1998	Excessive flaring and smoke due to boiler tripping at SAPREF (Southland Sun)
	19 May 1998	Explosion and fire at SAPREF with subsequent release of 5

		tonnes of hydrogen fluoride. (Failure of the alkylation's unit).
	19 June 1998	A "ton" of oil spilt according to SAPREF - but spreads across Bluff from Reunion canal to harbour. Consequence of 'cold weather'. According to Sapref and not "a consequence of recent events'(referring to SAPREF May 19 alkylation's unit /HF explosion).
	31 July 1998	Sapref Stack Emission
	Feb 2000	Sapref admitted that it had been under-reporting Sulphur dioxide emissions by as much as 12 tonnes per day.
	30 May 2000	Electrical fault leaves bad smell
	23 Jan 2001	Fire at Shell/BP refinery in Crude Distillation Unit number 2. Also on this day 1000 liters of bunker fuel spilled into Durban Bay.
	19 Jun 2001	SAPREF H ₂ S emission onto the community. Flare 'failure' at Sapref results in the release of unburnt gases which included a substantial amount of H ₂ S.
	7 July 2001	SAPREF Pipeline petrol leak (1 million liters) discovered and reported by residents
	14 July 2001	Sapref CD3 gas oil circulation pump fails releasing volatile cloud (due to operator negligence).
	July 2001	Second leak on Sapref pipeline discovered. Residents demand pipeline be immediately inspected.
	15 Aug 2001	SAPREF (Shell/BP) Bitumen plant failure that which released smoke, soot and hydrocarbons.
	27 Aug 2001	SAPREF pipeline leak reported Marine Fuel Oil (Lighthouse Road, Bluff)
	31 Aug 2001	Sapref - Marine Fuel Oil Leak
	14 Sept 2001	SAPREF flare failure
	27 Sept 2001	Shell/BP refinery third pipe leak reported (Lighthouse road - marine fuel oil)
	14 Oct 2001	Island View - SAPREF spill of +/- 2 tons of Bunker fuel oil into Harbour Basin
	30 Dec 2001	Sapref spilled 15 000 liters of marine fuel oil into Durban Harbour
	13 Apr 2002	Sapref discovers hole in pipeline - claims no product was lost.
	9 July 2002	Sapref diesel pipeline leak, Tara and Bibeford Roads. 40 minute leak into ground.....
	1 Sept 2002	Sapref- storage tank - Sulphur pressure vessel exploded.
	02 Oct 2002	Thursday 02 October 2002 a mixture of about 75000 liters of diesel and water was released into the Island View storm water canal
	23 Oct 2002	Power cut - plant totally shut down - Sapref flaring and smell of gases for about six hours - company claimed that gases burnt off were totally harmless 23 October 2002 heavy flaring from two stacks, thick black smoke and pungent
	29 Nov 2002	one person injured Sapref petroleum Refineries at work on a Pipeline at Island View

	02 Dec 2002	Workmen injured
	06 Feb 2003	Thick black oil from the shell\ BP fuel refinery spilled into Durban Harbour when a pipeline leaked large volumes of fuel on the wharf side
	06 Feb 2003	Sapref released a smoking and foul smelling flare for over one hour
	01April 2003	White\ black smoke from the Catcracker
	2 Oct 2003	Sapref reports 75000 liters of diesel spill into the canal Diesel leaks into harbour. Pipe line related
	12 Dec 2003	Sulphur Dioxide exceedences of 308 and 327ppb recorded at Southern Work monitoring station source based on wind direction Sapref
	24 Dec 2003	Sapref Refinery flaring heavy on Wednesday 24\12\03 clouds of black smoke and fire Ruben phoned and responded by saying that the cracker unit was giving problems and that gases were released
	29 Dec 2003	Yesterday a fuel oil line near the wharf side at Island View developed a leak in a valve pit. The pit which is covered, slowly filled up
	12 Jan 2004	Sapref Marine Fuel oil pipeline leak into the Durban Harbour impact on marine life the spill was clean up
	21April 2004	On Wednesday Residents of South Durban woke up to a black Wednesday after they discovered huge clouds of thick black smoker from Sapref refinery stated at about 445am on the 21 April 2004 the oil refinery experienced a power failure which resulted in a fire and flare 08 September 2004 on Sunday the 5 th September the spill started during rough weather while the taker was unloading oil at the single buoy mooring (SBM) the offshore facility from where oil is pumped ashore to refineries the SA Maritime safety Authority said the Kuswag1 pollution control vessel was monitoring the spill and that because of strong winds there seemed to be little risk of oil being washed ashore the clean up of the oil on the beach just north of the Umlazi canal started yesterday morning
	08 Sept 2004	On Sunday, 05/09/2004 - Sapref spill started during rough weather while a tanker was unloading oil at the single buoy mooring (SBM). The off-shore facility from where oil is pumped ashore to the refineries. The SA Maritime safety authority said that the Kuswag 1 pollution control vessel was monitoring the spill and that because of strong winds there seemed to be little risk.
	14 Sept 2004	The clean up of the oil leak on the beach is not yet finished. Residents call South Durban Community Environmental Alliance today and REPORTED the oil on the sand of the beach
	08 Oct 2004	On the 8th October the Sapref Refinery had a fire at the

		power station; two workers were hospitalized
	11 Nov 2004	27 November 2004 3 personal were injured at the Sapref refinery in South Durban when a fire occurred while they were de-spading a section of the hydrocarbon flare line in the central zone area. This was a planned activity to enable the hydro-desulphuriser unit to be commissioned after the scheduled maintenance shutdown. As is our standard requirement, a risk assessment was conducted prior to the start of the work .this identified the possibility of gas in the isolated section of the header and as a precaution breathing apparatus was an additional personal protective equipment requirement in the event of a gas release. The investigation this far suggests that liquid hydrocarbon was also present in the line and when the flange was loosened it ignited.(Communication to the SDCEA by Margaret Rowe Communications Manager - Sapref, 13 December 2004
	10 Dec 2004	High levels of catalyst are sent into the different separators and take a while to establish equilibrium for removal of the fines. This was visible as white smoke from the cat cracker stack.
	23 Jan 2005	There were reports of a strong gas smell coming from Sapref on 23 January 2005 at about 5pm.
	06 Sept 2006	On Friday 22 September 2006 at the Sapref Refineries a worker was burned by solvent tanker fire a man was rushed to hospital by helicopter when a Sapref tanker caught alight while loading an unknown solvent on Friday according to the spokeswoman Prudence Mbatha, the tanker had caught alight during the loading of a solvent at the company loading bay Emergency crew responded immediately said Mbatha she could not confirm whether it had been the driver or one of those loading the tanker who had been injured
	28 Oct 2006	On Saturday the 28/10/06 - The Shell and BP refinery burnt for three hours yesterday from 08:50 hrs as a result of a fire in the diesel de-sulphurising unit. Flames and resulted smoke was witnessed from the residents in the local community of south Durban.

<p>02 FEB 2007</p>	<p>At 08h30 today, frantic residents of Wentworth and Merebank called the SDCEA offices concerned, after witnessing this huge plume of Diesel shooting into the atmosphere. They jammed the SDCEA telephone lines informing us of what is going on and urging us to rush to the scene. Mothers were worried about the children on the Fenceline of the Engen Refinery and the pipelines that run adjacent to the residential area. The pipeline that was gushing liquid into the atmosphere and spraying everyone was a Diesel line As per SAPREF's Communications Manager, Margaret Rowe's request for SDCEA & groundWork to formally address an urgent demand to Shell.</p> <p>It is unacceptable that Shell is replacing their pipelines while operating their old pipelines which are in the same vicinity. Considering the fact that this is a major hazardous installation,</p>
<p>14 March 2007</p>	<p>On 14 March, during a heavy rainfall, a fire occurred on a pipe track running over a water canal in the refinery. Our emergency crew responded immediately and the fire was quickly extinguished</p>
<p>05 April 2007</p>	<p>Injury A contractor fell from a structure and fractured his leg while doing routine work on equipment in the plant.</p>
<p>22 April 2007</p>	<p>Sapref had a fire</p>
<p>09 January 2008</p>	<p>On the 09/01/08 Sapref disposed a very bad smell to the communities. It was a rotten egg smell it started at around about 17:20.</p>

08 March 2008	Saturday 08 March 2008 due to a problem in the Alkylation unit at 17h45. To relieve this pressure, the emergency let down valve was opened, resulting in a localized leak on the flare header.
08 July 2008	On Sunday 08/07/08 Sapref dumped Toxic chemicals on to the communities closer to the refinery, the communities complained about breathing problems.
09 February 2009	On the 09/02/09 Sapref disposed a very bad smell to the communities. It was a rotten egg smell it started at around early in the morning.

05 March 2009	On the 05/03/2009 SDCEA has received complains reporting a strong gas smell coming from Sapref BP and Shell.
29 April 2009	On the 29/04/2009 SDCEA received a number of communities complained from prospecton.
05 June 2009	On the 05/06/2009 Sapref released a thick black smoke on their stacks; it was pouring into the air for more than 15minuts.
11 June 2009	On the 11/06/2009 SDCEA have received complaints from people around prospecton about the Sapref mission released on their stacks.

01 January 2009	The Sapref refinery released heavy rotten egg smell chemicals on to the communities close by.
09 July 2009	On the 09/07/09 the Sapref refinery released a strong gas smoke on there are stack, the communities complained with breathing problems.
26 January 2010	On the 26/01/10 the Sapref oil refinery flared the communities of South Durban and a heavy rotten egg smell was released.

29 January 2010	A release of a very thick black smoke to the communities.
15 February 2010	Flaring from the refinery for more than two hrs.
19 February 2010	A big flare that was reported by the communities.
22 February 2010	A big flare from shell.
09 March 2010	Big thick smoke from shell.
15 March 2010	Big flare from shell for more than two hrs.
21 March 2010	Communities of Merebank complains about rotten egg smell, coming from SAPREF.
10 April 2010	A release of a very thick black smoke to the communities
17 April 2010	SDCEA received a number of communities complained from prospecton.
22 April 2010	Big thick smoke from shell.
28 April 2010	A release of a very thick black smoke to the communities.
05 May 2010	SDCEA has received complains reporting a strong gas smell coming from Sapref BP and Shell.

26 May 2010	Sapref disposed a very bad smell to the communities. It was a rotten egg smell it started at around early in the morning.
29 May 2010	The Sapref refinery released heavy rotten egg smell chemicals on to the communities close by.
09 June 2010	The Sapref refinery released heavy rotten egg smell chemicals on to the communities close by.
19 June 2010	Sapref disposed a very bad smell to the communities. It was a rotten egg smell it started at around early in the morning.
27 June 2010	Big thick smoke from shell.
05 July 2010	Sapref dumped Toxic chemicals on to the communities closer to the refinery, the communities complained about breathing problems.
17 July 2010	Flaring from the refinery for more than 4 hrs.
21 July 2010	A release of a very thick black smoke to the communities.
3 August 2010	A big flare that was reported by the communities.
10 August 2010	Sapref disposed a very bad smell to the communities. It was a rotten egg smell.
19 August 2010	Sapref disposed a very bad smell to the communities. It was a rotten egg smell it started at around early in the morning.
27 August 2010	A release of a very thick black smoke to the communities.
15 September 2010	Sapref dumped Toxic chemicals on to the communities closer to the refinery, the communities complained.
23 September 2010	Merebank communities complained from prospecton and Isipingo about a rotten egg smell.

11 October 2010	Complains from Isipingo residents about Sapref bed smell.
19 October 2010	A release of a very thick black smoke to the communities.
24 October 2010	Big thick smoke from shell.
29 October 2010	Flaring from the refinery for more than 1 hrs.
09 November 2010	Sapref dumped Toxic chemicals on to the communities closer to the refinery.
13 November 2010	A big flare that was reported by the communities, out of shock.
15 November 2010	Sapref release a thick black smoke to the communities.
19 November 2010	Communities from Isipingo called the office about the thick black smoke from Sapref.
27 November 2010	A flare was reported by a driver from Merebank .
10 December 2010	Big thick black smoke from shell smelling like benzene.
13 December 2010	Flaring from the refinery for more than 5 hrs.
14 December 2010	Complains from Isipingo residents about Sapref rotten egg smell.
18 January 2011	A community of Merebank complains about rotten egg smell, coming from SAPREF.

27 January 2011	Sapref dumped Toxic chemicals on to the communities, the communities complained about breathing problems.
11 February 2011	Communities from Isipingo called the office about the thick black smoke from Sapref.
18 February 2011	Complains from Isipingo residents about Sapref bed oily smell.
27 February 2011	A big flare that was reported by the communities out of shock.
13 March 2011	Sapref disposed a very bad smell to the communities. It was a rotten egg smell.
17 March 2011	A release of a very thick black smoke to the communities.
13 April 2011	A big flare that was reported by the communities.
23 April 2011	Sapref dumped Toxic chemicals on to the communities closer to the refinery, the communities complained about breathing problems.
14 May 2011	A release of a very thick black smoke to the communities.
24 May 2011	Communities from Isipingo called the office about the thick black smoke from Sapref.
13 June 2011	Merebank communities complained from prospecton and Isipingo about a rotten egg smell.
19 June 2011	A release of a very thick black smoke to the communities.
27 June	A community of Merebank complains about rotten egg smell, coming from SAPREF.

05 July 2011	Big thick black smoke from shell smelling like benzene.
19 July 2011	The Sapref refinery released heavy rotten egg smell chemicals on to the communities close by.
26 July 2011	Sapref released heavy rotten egg smell on to the communities close by.