



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

### ENGLAND, WEST SUSSEX, LITTLEHAMPTON, NOVEMBER 29 2013. MAN RESCUED FROM SEA NEAR LITTLEHAMPTON AFTER BOAT EXPLOSIONS

tom cotterill

 [Watch the Video Boat Blaze Drama in Littlehampton Captured on Film](#)



*Skipper abandons ship after fishing boat explodes off Shoreham coast.*

Coastguards have rescued a man in the sea near Littlehampton after he abandoned a boat which suffered multiple explosions during a fire. He had tried fighting the blaze, but abandoned the 'Margaret Rose' six miles off Littlehampton when it became engulfed with flames. The skipper called 999 and Solent Coastguard coordinated a rescue operation to recover him from his life-raft around 10am today. The Coastguard search and rescue helicopter from Lee-on-Solent was deployed, along with RNLI lifeboats from Shoreham and Littlehampton. Littlehampton Coastguard Rescue Team were also on standby. The man was recovered by the Littlehampton RNLI lifeboat and returned safely to shore. He did not sustain any injuries. Shoreham RNLI lifeboat remains on scene to monitor the boat, which is still on fire. Jenna Smith, watch officer for

Solent Maritime Rescue Coordination Centre, said: "This was a very dangerous situation and required a swift response. "The boat was well alight and very hazardous, as it is carrying around 150 litres of diesel and two gas canisters. "We continue to monitor the situation and have advised boats to stay away from the immediate vicinity of the incident."

<http://www.littlehamptongazette.co.uk/news/top-stories/breaking-man-rescued-from-sea-near-littlehampton-after-boat-explosions-1-5714422>

### CANADA, TORONTO, NOVEMBER 29 2013. TRUCKING DANGEROUS GOODS: WHO'S LIABLE IN CASE OF ACCIDENTS?

The Canadian Trucking Alliance is asking the federal government to invalidate contract clauses compensating shippers from liability in case of incidents involving dangerous goods such as crude oil. CTA's president and CEO, David Bradley, commented: "We strongly believe the most effective thing governments can do is to take the recommended actions to reduce the risk of highway accidents and to make sure that the parties whose negligence causes an accident are held liable for the claims." The growing trend of shippers including clauses in freight contracts that compensate them from liability from their own negligence goes against both public interest and policy, the CTA says. The discussion comes in light of last summer's Lac Megantic accident when several rail tank cars carrying crude oil derailed. After that incident, the federal government wrote some big clean up cheques and called for increased insurance coverage for rail carriers and shippers. But an incident of the magnitude of Lac Megantic is unlikely to occur with trucks, the CTA says. In a report stating its position on the transportation of dangerous goods by truck, the CTA found that the frequency and severity of highway incidents involving trucks carrying dangerous goods is extremely low. The report analyzed 328 dangerous goods incidents involving trucks in 2012 and found that the number of incidents was 1.64 every 10,000 shipments, with a majority (56.4 percent) of the releases of product under 500 litres, or in other words, minor. These incidents are usually cleaned up with little or no environmental damage. Highway accidents, where the public is most at risk, accounted for 16.2 percent of all incidents, which means they happened as often as 0.27 times every 10,000 shipments. Despite their rarity, the major accidents, which account for 6.4 percent of all incidents, are the main cause (56.8 percent) of releases of product larger than 5,000 litres. "I think we can conclude from this white paper that overall the TDG regulations are effective in preventing dangerous goods incidents where trucks are involved," Bradley said. Even so, the CTA advisory committee on dangerous goods has been struck to look at the regulations in more detail.

<http://www.todaystrucking.com/cta-talks-liability-of-trucking-dangerous-goods>

### NEW ZEALAND, WELLINGTON, NOVEMBER 30 2013. NEW ZEALAND'S Z ENERGY AGREES GASOLINE, DIESEL SUPPLY WITH S KOREAN REFINER

christine forster

New Zealand's Z Energy has agreed the terms of a new contract for the supply of around 600 million liters of gasoline and diesel with a South Korean refiner, the company said in a statement Friday. The contract, expected to be signed next month, will come into effect on January 1, 2014, and follows a 19-month relationship with the same refiner, via an intermediary, but on



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

more favorable commercial terms than the current arrangements, Z Energy said. Fuel from the contract is to be delivered on roughly a monthly basis into major import terminals around New Zealand. Z Energy acquired its business from Shell in April 2010 and subsequently invested NZ\$94 million (\$77 million) in storage facilities and new service stations. The company provides around a third of New Zealand's total fuel needs, with sales of more than 45 million liters/week in 2012. Z Energy has a retail network of around 250 service stations and more than 40 aviation fuel outlets. It also owns 17.14% of Refining NZ, operator of New Zealand's sole refinery, the 135,000 b/d facility at Marsden Point in the North Island. Z Energy produces around 75% of its total fuel through the Marsden Point refinery, with the remainder directly imported as refined fuel. "As a stand-alone local company we have built a level of expertise such that we are comfortable contracting directly for the supply of fuel from global suppliers and we are confident we are negotiating highly competitive prices," said Z Energy Chief Executive Mike Bennetts. "This contract differs from the previous contract both on the commercial terms and in that Z is now contracting directly with the refiner rather than through a third party." Bennetts said the scale of savings from the previous contract was consistent with the level assumed in the forecasts used in Z Energy's initial public offer in August. "We are very pleased to be continuing the relationship with this refiner," he added. "They are a reliable refiner and produce top quality fuel to the New Zealand fuel specifications."

### Related Stories

- [New Zealand's Z Energy to buy diesel, gasoline from Korea](#)
- [Z Energy contract drops third party](#)

<http://www.platts.com/latest-news/oil/sydney/new-zealands-z-energy-agrees-gasoline-diesel-27681182>

### USA, ORE, SHERMAN CO, NOVEMBER 30 2013. TRANSFORMER FIRE CAUSES SPILL IN SHERMAN COUNTY

A transformer caught fire at the base of a Bigelow Canyon wind turbine over the weekend, spilling an estimated 600 gallons of transformer oil. A representative of the Oregon Department of Environmental Quality's (DEQ) spills unit reported that PGE, the owner of the wind farm, reported the fire and hired SMF Environmental to clean up the spill. DEQ asked for a spill report identifying what happened, what actions were taken to clean up the site and to restore it to its pre-spill condition. No waterways were affected. The transformer "over-pressurized, released oil and caught fire," said Dale Coyle, Bigelow Canyon site manager. "When we got here it was at a slow burn." Witnesses the evening of the event saw flames "boiling out" from the bottom of the wind tower. Winds were calm and the fire did not spread. While transformer failures like this one are not uncommon in the energy industry, happening more often in urban areas, Coyle said this was the first transformer fire among PGE's 217 Sherman County wind turbines since Bigelow Canyon opened in 2007. Transformers are used throughout power transmission and distribution systems, Coyle explained, and each wind turbine has its own transformer. "We actually monitor our transformers," Coyle said, "where in distribution systems they typically don't." The 600 gallons of oil spilled was the full capacity of the burned transformer unit, which was near the corner of Oehman and Helms Creek roads. Coyle said the wind tower itself didn't appear to be damaged, but that an inspection and metallurgic examination had been called for.

<http://www.thedalleschronicle.com/news/2013/nov/29/transformer-fire-causes-spill-sherman-county/>

### CANADA, ALTA, ZAMA CITY, NOVEMBER 30 2013. ANOTHER WASTE-WATER SPILL FOUND NEAR ZAMA CITY >> APACHE CORPORATION SAYS MAY SPILL CAUSED BY STRESS CORROSION IN PIPE



*An aerial view of the spill of produced water that began in May near Zama City, Alta., which is near the N.W.T. border. Another spill of produced water has been discovered in the region.*

There has been another leak of "produced water" from an Apache Corporation site near Zama City, Alta. Apache estimates 1.8 million litres of the fluid was released from one of its water injection wells about 100 kilometres south of the N.W.T.-Alberta border. An official says the leak began on Oct. 3 but wasn't

discovered until Oct. 25. The company says 3.8 hectares of land was affected by the spill. Produced water is extracted during oil and gas operations. The company says a trace amount of hydrocarbons was present in the water that leaked. The company says much of the fluid has been removed and disposed of in a licensed facility and that it continues to clean up the spill. It says there's no danger to public health or the environment.



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



Franklin Fueling Systems

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner  
JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of  
ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

### Corrosion Caused May leak

Apache has also announced the reason for a larger waste-water spill that began in May near Zama City. The company says that spill occurred because of stress corrosion in the less-than-five-year-old pipe. It says a "pinhole fracture" in the pipeline's exterior plastic liner allowed water to leak into the pipe and react with sulphur gas that permeated from the produced water within the pipe. The company now says the amount of produced water released in that spill was 15.4 million litres, instead of 9.5 million litres, which is what it originally said. It says that discrepancy happened because of metering issues and inaccurate internal data. Apache says the entire section will be replaced by a new pipeline made of different materials and that it is installing real time monitoring equipment at all of its water injection sites.

<http://www.cbc.ca/news/canada/north/another-waste-water-spill-found-near-zama-city-alta-1.2445553>

### LIBYA, SABHA, NOVEMBER 30 2013. EXPLOSION KILLS DOZENS AS LOOTERS RAID AMMUNITION DEPOT

*umberto bacchi*



*Dozens of people killed in an explosion at a weapon cache in southern Libya.*

Dozens of people were believed to be killed in an explosion at a weapons cache in southern Libya. Military officials said the blast occurred as a group of looters tried to raid the depot containing tank ammunition at an airbase in the town of Brak al-Shati, 650km south of Tripoli. "A group of unknown people tried to attack the depot, causing this unfortunate incident," General Mohamed al-Dhabi told AFP. Authorities gave conflicting figures on the number of casualties. Al-Dhabi said 10 people had died and 15 people had been injured. However, the commander of a border security guard brigade in the town said the death toll was higher. "More than 40 people were killed," said Commander Khalifa Alsghair. A local hospital said it was treating a handful of people who were injured in the blast. State television said the explosion came as a group of 43

civilians, including locals and African immigrants, stormed the base in an attempt to steal ammunition and copper. It was not immediately clear what triggered the explosion, which started a fire. In a separate incident four soldiers were killed in clashes between security forces and Islamist militants from the Ansar al-Sharia group in Benghazi. Libya has been in turmoil ever since the removal of Muammar Gaddafi from power two years ago and the [fragile central government has been struggling to ensure security](#) over its large territory. The country is fragmented by conflicting tribal loyalties. Militia groups, including Islamist cells, are rife and control large swaths of land.

<http://www.ibtimes.co.uk/articles/526189/20131129/libya-ammunition-depot-explosion-military-base-brak.htm>

### MALAYSIA, KUALA LUMPUR, NOVEMBER 30 2013. TANKER TRAILER TRUCK CATCHES FIRE



A tanker trailer truck carrying raw palm oil caught fire yesterday at Km3.9 of the Duta - Ulu Klang (DUKE) Highway here, causing a massive three kilometres-long traffic congestion more than three hours. City Fire and Rescue Department director Khirudin Drahman said the distress call was received at 1.30pm in the incident located before the Duta toll plaza, on the road heading to Damansara. "Two fire trucks, three light fire trucks, a water tanker and a Hazardous Materials (Hazmat) truck unit along with 42 fire personnel were deployed to the scene. "They were from six fire stations; namely Setapak, Sri Hartamas, Hang Tuah, Gombak Selatan, Sentul, and Jinjang fire station," Khirudin said, adding that the first to arrive was the fire truck from Setapak fire station, about 22 minutes later. The fire was believed to have been caused by the tanker trailer's brake faulty, affecting one of the rear tyres which was burning, said Khirudin, and it did not spread to the palm oil tank. "Foaming fire extinguishing technique had to be

done, and the situation was under control at 2.02pm. The fire was doused completely 42 minutes later," he added. The tanker trailer truck driver Baharudin Mohd Nor, 35, was reported to be safe. He had driven the 40-tonne truck belonging to Wimmax Enterprise from Temerloh, Pahang, and was heading to Pulau Indah, Klang in Selangor.

<http://www.nst.com.my/latest/tanker-trailer-truck-catches-fire-1.415947>



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)





## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

### AUSTRALIA, WESTERN AUSTRALIA, ALBANY, NOVEMBER 30 2013. GAS BLAST CAUSED DEATH OF SOMALI MAN

A silent and deadly pocket of leaked gas caused the massive explosion that killed an 18-year-old Somali man, a coroner has concluded. Barkad Ahmed Muse was sitting with family in his Albany house when the four-kilogram pocket of liquefied petroleum gas (LPG), which had been gathering for weeks, ignited in July last year. The subsequent explosion destroyed the Centennial Park home. The blast burnt Mr Muse's 58-year-old aunt Halimo Muse Farah, while his brother Mowlid and his sister Hawa were thrown into a neighbour's yard by the force. Mr Muse, who had arrived in Australia four months earlier, was crushed where he sat when a large part of the internal chimney fell on him. West Australian coroner Dominic Mulligan concluded that the leak came from coupling used to connect two pieces of the 80-millimetre uPVC gas mains that ran under the road nearby. The coupling had been installed almost 20 years previously, and Mr Mulligan said it was not tightened sufficiently at the time. When a minor gas leak was fixed in the months before the blast, it is thought the disturbance of the soil led to movement of the coupling, which led to the escape of gas. That gas seeped through soil under the house, which stripped out any telltale odour, with the blast likely to have been caused by a heater or a power socket. Mr Mulligan made recommendations including asking EnergySafety to audit the training manuals of local gas network owner ATCO. "As is amply demonstrated by the death ... a leak of LPG can have fatal consequences for innocent members of the public," Mr Mulligan wrote. "Risk to public safety should be mitigated by ensuring the components used on the Albany Gas Network have been properly designed, tested and are being used within their known tolerances." Mr Muse's death was ruled an accident.

<http://news.ninensn.com.au/national/2013/11/29/15/32/gas-blast-caused-death-of-somali-man>

### INDIA, GOA, VASCO, NOVEMBER 30 2013. CONTAMINATION OF WATER: COPS BOOK TANKER OWNER

Verna police have registered an offence against the owner of Naulaka transporters, whose tankers carry ammonia, in connection with the contamination of public drinking water with ammonia at Zuarinagar on Wednesday. These tankers supply ammonia from MPT to Zuari industries. Reports from a government lab have confirmed that the water was contaminated by ammonia. The complaint was filed by Mohammed Gaus. Verna PSI Anand Shirodkar, after conducting the panchnama, said, "Preliminary investigations reveal that the ammonia tankers parked at Zorinith Birla have access to the main water pipeline." He explained that the drivers open the valve of the main water pipeline, remove the water with a plastic pipe and wash their tankers. Probably on Tuesday night, an old tank was washed and the valve was not closed. As a result the ammonia from the old tank went into the pipeline contaminating the drinking water supplied to a large number of people in Zuarinagar. Verna police is now on the look out for the owner of the tanker and will initiate the process to arrest him. Sancoale sarpanch Ramakant Borkar said, "We will take action against the tankers being parked in Zuarinagar area and will take up the issue in the panchayat meeting. We will ask the Zuari industries to accommodate their tankers in their premises itself."

[http://articles.timesofindia.indiatimes.com/2013-11-29/goa/44574009\\_1\\_tankers-ammonia-drinking-water](http://articles.timesofindia.indiatimes.com/2013-11-29/goa/44574009_1_tankers-ammonia-drinking-water)

### USA, AZ, FOUNTAIN HILLS, NOVEMBER 30 2013. FOUNTAIN HILLS GAS SPILL UPDATE: LOCAL FAMILY FORCED TO PUT BIG PLANS ON HOLD

stephanie hockridge

 [Watch the Video Fountain Hills Gas Spill Update](#)



A [massive fuel spill](#) is causing an environmental nightmare in one Fountain Hills neighborhood. It happened nearly two weeks ago and crews are still working to clean it up. But, after all of the rain we got last week, officials say the gas soaked pretty deep into the ground. So, clean-up is going to take a while and unfortunately, that's going to put some big plans on hold for one Valley family. "And I planted all of these here," says Tom Oke with pride as he shows off his landscaping. He's lived in his home for 16 years. But, these days, he doesn't get to enjoy the view or the fresh air. "It was as if you stuck your head into a gas tank," he explains. It's easy to see why. "They got it all boarded off," he says as he points to orange fencing and yellow caution tape. On November 17, more than 2,000 gallons of gas spilled close to his home near Shea Boulevard and the Beeline Highway. "I was afraid to BBQ because that's an open flame. I don't want to blow everybody up over there. It was kinda scary," he says. It's scary for

Tom because when crews put up a dam to keep gas from flowing down Saguaro Boulevard, it ended up in a culvert instead.



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



Franklin Fueling Systems

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

"And that's right by my house and it was coming out and dumping into the dirt and it made a big puddle," Tom explains. Fountain Hills officials say they've tested for contamination and the results confirmed about two football fields worth of soil and a quarter mile of the road came back positive for fuel. So, crews are busy digging it up and putting it inside dozens of dumpsters which line Saguaro Boulevard. From Tom's back porch, it's not the prettiest view, which means plans to move closer to his wife's family aren't happening. "It just doesn't gel very good to sell property right next to a gas dump," he jokes. But, joking aside, Tom's biggest worry is that crews are using heavy machinery right outside his home, and a single mistake could spark disaster. "I'm going to put my trust in them and have faith in God that we're not going to get blown up." Officials expect more test results to come back next week. We're told they're waiting for those before deciding exactly how to proceed from here.

 **Related Stories** [Gas Spill Concerns Ftn. Hills Residents](#)

[http://www.abc15.com/dpp/news/region\\_northeast\\_valley/fountain\\_hills/Fountain-Hills-gas-spill-update-Local-family-forced-to-put-big-plans-on-hold](http://www.abc15.com/dpp/news/region_northeast_valley/fountain_hills/Fountain-Hills-gas-spill-update-Local-family-forced-to-put-big-plans-on-hold)

### INDIA, MUMBAI, CHEMBUR, NOVEMBER 30 2013. MINOR AMONG 5 WOMEN INJURED IN SEPTIC TANK BLAST

5 women, including a minor girl, were injured after a septic tank of a public toilet exploded on Friday morning in Bharat Nagar area of Chembur. According to the police, one of the lids on the tank blew due to high pressure and people inside the facility suffered burns; two of them were critically injured and admitted to a civic-run hospital. Following the incident, the injured were rushed to Rajawadi Hospital and the RCF police officials booked the owner of Jaishriram Mandal, which runs the public toilet, for negligence. According to the police, the incident happened at around 7.30 am near Bharat Nagar, HPCL Colony, where several residents were waiting in a queue near a public toilet to answer nature's call. A local, who was standing in the queue, said, "I heard a loud voice following which everyone started running helter-skelter. We were confused as what to do and then saw three women lying on the road injured". A police official said, "The septic tank built by the BMC officials were not according to norms. The rule states that the tank must be built outside the toilet and buried deep inside and there must be a pipeline to remove the gas from the tank. The absence of these things led to the accident". Dilip Yadav, senior police inspector with RCF police station, said, "We are in the process of finding out the BMC official who approved the urinal. If needed, we will also arrest that official". Four women and a minor girl, who are all residents of Bharat Nagar, HPCL Colony, were present inside the toilet when the blast happened at around 7.30 am. An eyewitness said, "Due to the pressure, a metal lid went high up in the air. People standing in the queue were not affected, however, those standing near the tank were the most affected. The victim, identified as Shama Revenkar (35), suffered 70 per cent burns; her daughter Nanadani, (4) was admitted with 45 per cent burns. Both have been admitted to Sion Hospital and declared critical. Other victims, identified as Qausar Shaikh (35), Alka Kesarwani (35) and Sunanda Gaikwad (40), have been admitted to Rajawadi Hospital.

<http://freepressjournal.in/minor-among-5-women-injured-in-septic-tank-blast/>

### BRAZIL, RIO DE JANEIRO, DECEMBER 1 2013. BRAZIL'S PETROBRAS: FIRE SHUTS DOWN PART OF REPAR REFINERY

jeff fick



Brazilian state-run oil company Petroleo Brasileiro SA, or Petrobras, said Friday that a fire had shut down part of a refinery in southern Brazil, but the incident won't affect local fuel supplies. The fire took place in the distillation unit at the Presidente Getulio Vargas Refinery, also known as Repar, in Parana state. The distillation unit separates crude oil into different liquids that are then used to make products such as gasoline, diesel and cooking fuel. Petrobras didn't say how long the distillation unit would be offline, but said the refinery's other units remained in operation. "There were no injuries or environmental damage," Petrobras said in an email. The cause of the fire is being investigated, the company said. Heat from Thursday's fire caused extensive damage to beams supporting equipment and pipes at the refinery, according to a statement from the union representing oil workers in Parana and Santa Catarina states. The outage comes at a delicate

time for Petrobras, which is struggling with a refining shortfall that has forced the company to import heavy volumes of gasoline and diesel to meet growing domestic demand. The imports have undercut the company's profits because the fuels



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

are sold at a discount to international prices. The government is reluctant to pass along higher oil prices to consumers for fear of stoking inflation that is already running above target. Petrobras is currently building two refineries that will start processing crude oil in late 2014 and mid-2015. The company is also evaluating plans to build another two refineries that would likely start output in 2018.

<http://online.wsj.com/article/BT-CO-20131129-707239.html>

### **NIGERIA, LAGOS, DECEMBER 1 2013. OIL SPILLS FROM NIGERIA'S AGIP FACILITY DISCHARGED INTO ATLANTIC OCEAN**

Nigeria's National Oil Spills Detection and Response Agency (NOSDRA) said Saturday that an oil spill from the Brass Oil Export Terminal has been discharged into the Atlantic Ocean. Henshaw Oguwike, spokesperson for NOSDRA, confirmed the incident in southern city of Yenagoa, saying the spillage was noticed by some local residents Thursday. He said ongoing investigation would reveal the cause of the spill and the volume of crude discharged into the environment. The NOSDRA had deployed its newly acquired oil spill response vessel to combat the spill. The oil discharged from the incident had spread along the coastline to Odioama and other coastal communities in Bayelsa near the oil terminal, which is operated by the Agip off southern Bayelsa Coastline. Hundreds of oil spill incidents reported in Nigeria every year are ruining the environment and putting human lives at risk. Most spills in the Niger Delta are the result of pipeline corrosion, maintenance issues, equipment failure, sabotage and oil theft.

<http://www.globalpost.com/dispatch/news/xinhua-news-agency/131130/oil-spills-nigerias-agip-facility-discharged-atlantic-ocean>

### **CHINA, LIAONING, SHENYANG, DECEMBER 1 2013. BLAST REPORTED IN NE CHINA CHEMICAL PLANT, CASUALTY UNKNOWN**

A chemical plant blast happened in northeast China's Shenyang City of Liaoning Province at around 6:35 p.m. Saturday, with casualty unknown, local authorities said.

<http://www.globalpost.com/dispatch/news/xinhua-news-agency/131130/urgent-blast-reported-ne-china-chemical-plant-casualty-unkno#1>

### **USA, OH, CANTON, DECEMBER 2 2013. FIRE CAUSES \$12.5 MILLION IN DAMAGE AT HYDRODEC**

kelly byer

 **Watch the Video**

- [No Injuries after Explosion at Canton Facility](#)
- [Chemical Fire at Hydrodec](#)

 **Photo's [4] No Injuries after Explosion at Canton Facility**



*Black smoke billowed from the Hydrodec North America oil-reprocessing plant in the Stein Industrial Park after a fire and suspected explosion Sunday.*

Firefighters on Sunday battled a blaze that damaged the Hydrodec North America plant on Steinway Boulevard. The company recycles oil for use in electrical power transformers. There were no injuries or neighborhood evacuations, said Battalion Chief Carl Jordan of the Canton Fire Department. The fire shut down operations and caused an estimated \$12.5 million in damage to the building and contents at 2021 Steinway Blvd. Jordan said two employees were working in the transformer oil-refining plant when they reportedly heard an explosion about 4 p.m. "They hit all their emergency shutdowns and exited the building," he said. Multiple people notified the fire department shortly after, including an off-duty police officer in the area, and Jordan said firefighters arrived about 4:10 p.m. The Stark County Hazardous Materials and Emergency

Response Team responded to monitor product runoff and air quality because the one-story industrial building houses oil, ammonia and liquid hydrogen. Hydrodec refines used transformer oil into new SUPERfine transformer oil, according to [www.hydrodec.com](http://www.hydrodec.com). The oil is used as an insulator and coolant in electrical power transformers. Alan Griffith, an employee at



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)





## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

the neighboring Pull-A-Part, said store employees notified the Canton Fire Department and got everyone out of the used auto-parts yard opposite the Hydrodec building after hearing what Griffith said sounded like an explosion. "We heard the boom and came out and seen the smoke rolling," he said. A foam engine from Marathon Petroleum and the Canton Township Fire Department also responded to the fire. Jordan said crews were on scene until 8:44 p.m., and the cause of the fire still was under investigation Sunday night. The Canton plant opened south of U.S. Route 30 in the fall of 2008 with 30 employees and the capacity to recycle 8 million gallons of oil per year.

<http://www.cantonrep.com/article/20131201/NEWS/131209989>

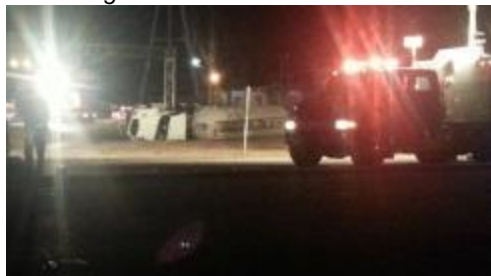
### INDIA, JAMMU AND KASHMIR, DECEMBER 2 2013. 3 KILLED IN ACCIDENTAL EXPLOSION IN JAMMU AND KASHMIR

Three people were killed in Jammu and Kashmir on Sunday when some labourers lit a fire to keep themselves warm, accidentally setting off explosives meant to blast rocks, officials said. A police officer told IANS that all three victims were building a road about 100 km away from Udhampur town. They were lighting a fire in Gouri Meeti Ladaa village when the blast took place. One of them died instantly. Two others succumbed to injuries while being taken to a hospital. "The explosion took place accidentally as blasting material used in road construction was lying in a packet and came in contact with the fire," the officer said.

<http://www.ndtv.com/article/india/three-killed-in-accidental-explosion-in-jammu-and-kashmir-453058>

### USA, NC, NEW HANOVER CO, DECEMBER 2 2013. TANKER ROLLS OVER, SPILLS DIESEL FUEL AT I-140 AND U.S. 421.

*adam wagner*



*Authorities say the tanker was carrying 6500 gallons of #2 Diesel Fuel.*

U.S. 421 was reopened late Sunday morning after crews finished cleaning up an overnight oil spill. A tractor trailer carrying 6,500 gallons of diesel fuel rolled over at the intersection of Interstate 140 and U.S. 421 shortly before midnight, according to a release from a Wilmington Fire Department spokesman. No injuries were reported to the driver or anyone at the scene. At 2:30 a.m., Wilmington Fire Department Battalion Chief Thomas S. Robinson Jr. reported that a cleanup crew from Southeastern Response collected approximately 1,000 gallons of the fuel spilled from the tanker. Contractors remained on scene to recover fuel that had leaked from the tanker. By 3:50 a.m., Robinson

reported, the Haz-Mat crew and cleanup contractor, Southeastern Response, had removed all product from the damaged tanker. A towing company was on scene to bring the tanker and tractor upright. The spilled fuel did not reach any bodies of water, but collected in containment ponds that were dry. During the cleanup, traffic on U.S. 421 was reduced to two lanes.

<http://www.starnewsonline.com/article/20131201/articles/131209995>

### EGYPT, SOHAG, DECEMBER 2 2013. WATER STATIONS SUSPENDED IN SOHAG DUE TO DIESEL FUEL SPILL

Mahmoud Mohamed Nafea, Chairman of the Board of Directors of the Drinking Water and Sanitation Company in Sohag, said on Saturday evening the company detected a diesel fuel spill at the Bellina City in Sohag. The diesel spot is 10 kilometers long and 100 meters wide, he added. The Bellina water station has been stopped after the spot was detected and the city currently depends on the water station's tank and groundwater, Nafea said. According to Nafea, water stations in nearby villages have been warned to analyze the water and some have been stopped as well for being affected by the slick. The rest of Sohag water stations have not been affected, Nafea said. The company currently coordinates with water bodies in the governorate of Sohag to follow up on repercussions.

<http://www.egyptindependent.com/news/water-stations-suspended-sohag-due-diesel-fuel-spill>

### CANADA, B.C, VICTORIA, DECEMBER 2 2013. VICTORIA COOK ST. CONTAMINATION CLEANUP PLAN COMING

There was good news and bad news coming out of the latest community meeting on chemical contamination in Cook Street Village. The good news was test results showed no further spread of the chemical perchloroethylene, or perc – a stain-removing substance believed by scientists to have originated from the site of a former dry cleaning operation at 325 Cook St.



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



**Franklin Fueling Systems**

[www.tanknology.com.au](http://www.tanknology.com.au)

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

The bad news is that four homeowners, three on Mackenzie Street and one on Oxford Street, and the owner of the commercial building at 325 Cook St. must now work with the Ministry of Environment on a remediation plan to clean up contaminated land on their properties. "The good news is there is no immediate risk to the residents," said Jan Abbott, a scientist with Franz Environmental and project manager for the Cook Street project. The goal of the latest round of testing, which included taking samples from underneath Mackenzie, Oxford, Chester, Linden and Chapman streets in September, was to determine how far into the neighbourhood the perc travelled. Residents heard the extent of that delineation from Franz officials at an information meeting Nov. 25. "The next steps are to have discussions with each owner and the ministry as to how they want to proceed (toward) obtaining a certificate of compliance," Abbott said, adding that includes a remediation plan for their properties. Monitoring continues on the affected properties, she said, with a final investigative and risk assessment report likely completed by January or February.

<http://www.vicnews.com/news/233879031.html>

### USA, N.J, PAULSBORO, DECEMBER 2 2013. PAULSBORO HEALS SLOWLY FROM RAIL SPILL

andrew seidman

 **Photo's** [Paulsboro heals slowly from rail spill](#)



Andrew Seidman writes about Paulsboro, NJ, one year after a horrific train derailment there. Here the railroad bridge over the Mantua Creek, site of the 2012 derailment.

Walt Stevenson grew up by Mantua Creek in Paulsboro. When he was a kid, Stevenson helped a railroad employee with a bad leg manually open and close the bridge overhead where trains passed through. "Never a lick of trouble," he said. As a teenager, Stevenson courted his high school sweetheart, Irma, on the creek, rowing out to the Delaware and all the way to Philadelphia International Airport. They married and later taught their kids to swim there. And they've lived in a house on the waterfront, the bridge visible from their kitchen window, for the last 28 years. Their son, Gary, a borough councilman and firefighter, and daughter-in-law, Rae Lynn, live across the street. Nov. 30, 2012, brought a different kind of memory: At 7 a.m., an 82-

car Conrail freight train derailed and four tanker cars plunged into the creek. One of them breached, releasing thousands of gallons of toxic vinyl chloride into the atmosphere. Walt, 77, and Irma, 74, were evacuated, as were about 700 other residents that night and in the days to come. All told, the Stevensons spent 17 days in a hotel. Even this refinery town, accustomed to the occasional chemical spill, was shaken. "This was a total brand-new situation for everyone," Irma Stevenson said last week. A year later, interviews with local officials, businesses, and residents show a small, working-class town slowly recovering from the accident, even as litigation and a federal investigation into the derailment and response continue. "It's coming along. But it's moving very slow. To try to put the town back together, it's a slow process," Mayor Jeffery Hamilton said last week after U.S. Rep. Robert E. Andrews (D., N.J.) announced federal legislation that would call for independent oversight of the railroad industry. The community, Hamilton said, is "going to stay on Conrail. But it's federally regulated. So how much power do we really have?" Some still hope to be compensated for an accident that shut down schools and businesses. Dozens of people went to the hospital, but officials say the spill did not cause any serious injuries. Brenda Sabatini, 38, of Carneys Point, runs Sab's Auto Repair on Broad Street with her husband. She said the shop was closed for 2½ weeks after the derailment. She sued Conrail, saying her shop lost at least \$3,000 on scheduled jobs. "We have a mortgage here," Sabatini said. "This is our livelihood, you know?" A few blocks down, Elterekae Mears, 22, said although being evacuated was an inconvenience, business had picked up at the MetroPCS cellphone store where he works. "I can't complain," he said.

#### National Attention

The derailment brought national attention to industrial Paulsboro, population 6,100, a quiet, aging town well-known for its vaunted high school wrestling team, whose season starts Dec. 20. "We're not a rich town," Irma Stevenson said in her kitchen last week, wearing a Paulsboro wrestling sweatshirt. "But we're a great town." In July, Paulsboro volunteer firefighters traveled to Washington to testify before the National Transportation Safety Board, which is investigating the derailment. "This is not a Paulsboro problem," NTSB vice chairman Christopher A. Hart said at the hearing. "This is a national problem: of resources, of training. How do we address the situation?" The first step, at least in the Paulsboro case, may be to determine what caused the derailment. Some facts are not in dispute. Conrail owns and operates the movable bridge. As the train approached the bridge, it came to a red light, indicating the bridge was not properly locked. The conductor inspected and determined



This work is licensed under the Creative Commons Attribution-NonCommercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)





## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner  
JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of  
ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

otherwise. A dispatcher then gave the go-ahead to proceed. Work crews crossing the bridge reported 24 "trouble tickets" in the year before the derailment, according to the NTSB. Half of them were recorded in the month beforehand. The same bridge gave way in 2009, causing the derailment of nine coal cars. Though much of the bridge was replaced after that, some parts still date to 1873. Last month, Conrail announced it would replace the entire structure by September. "It was due," Hamilton said. The NTSB is expected to issue its findings next year. That investigation is being watched closely by lawyers for the hundreds of Paulsboro businesses, first responders, and residents - including the Stevensons - who have filed suit against Conrail and its parent companies. Most of the suits seek punitive damages, medical monitoring, or compensation for lost business. Long-term exposure to dangerous levels of vinyl chloride can result in headaches, dizziness, and liver damage, according to the Environmental Protection Agency. In a statement, Conrail spokesman Michael Hotra said the rail company regretted the derailment and "remains committed to Paulsboro and its surrounding communities." Conrail has settled "thousands of claims" with residents and businesses, he said, and is "cooperating fully" with the NTSB investigation. The emergency response also has come under scrutiny at the local level. A three-person panel appointed by Gloucester County Administrator Chad Bruner to investigate the county response to the derailment and chemical spill is expected to release a report by January. Bruner said the freeholder board would consider possible recommendations from the panel. A dozen Washington Township firefighters withdrew from the county's hazmat team a week after the derailment, saying they were equipped with inoperable monitoring devices and could not detect the extent of their chemical exposure. "I don't think the county understands the perception that it's being swept under the rug," Sam Micklus, chairman of the Washington Township Board of Fire Commissioners, said in an interview. After the derailment, the firefighters filed a complaint with the state Department of Health. In June, the state Department of Labor and Workforce Development issued 12 violations to the county Emergency Response Center for "unsafe or unhealthful working conditions." The violations, marked as "serious," included not providing first responders with a medical examination or consultation immediately after the emergency. Bruner said the violations were abated in August. "We don't take it lightly," he said, adding that the county did not have "any citations at this point." A Health Department spokeswoman confirmed the issues had been addressed.

### Lessons Learned

Lessons learned from the derailment include the need for the borough to practice emergency procedures such as sheltering in place more regularly, said Fire Chief Alfonso G. Giampola. For its part, Conrail conducted 23 training exercises and other activities over the last year with local first responders to improve preparedness, Hotra said. But there is only so much emergency responders can do to prepare for a toxic chemical spill, Giampola said. The NTSB estimated in July that 25,000 to 30,000 railcars containing hazardous materials pass through Paulsboro each year. Concerns linger. "Am I confident it won't happen again? Eh, not yet," Giampola said. "Are we getting back to normal? I think so." For the broader public in Paulsboro, the derailment may have caused a shift in thinking about their industrial surroundings. "You kind of accept that, OK, this is where we are, this is what we've chosen," said Frank Scambia, a longtime superintendent of Paulsboro schools. "When you have the event happen, then it's like, wow. It was tragic. But I think it could have been far worse."

[http://www.philly.com/philly/news/20131201\\_Paulsboro\\_heals\\_slowly\\_from\\_rail\\_spill.html](http://www.philly.com/philly/news/20131201_Paulsboro_heals_slowly_from_rail_spill.html)

### USA, ARK, LITTLE ROCK, DECEMBER 2 2013. LAWSUITS, SAFETY VIOLATION ALLEGATIONS, MOUNT AGAINST EXXON MOBIL OVER ARKANSAS OIL SPILL

Lawsuits and alleged safety violations are mounting against Exxon Mobil Corp. following the rupture eight months ago of a pipeline that spilled thousands of barrels of oil in central Arkansas. Since Exxon's Pegasus pipeline ruptured March 29 and spilled the oil in the Mayflower community about 30 miles northwest of Little Rock, there have been at least 17 lawsuits against Exxon or its subsidiaries in state or federal courts. And on Nov. 6 the Pipeline and Hazardous Materials Safety Administration alleged nine "probable" violations of safety regulations related to the spill and proposed more than \$2.6 million in civil penalties. Exxon Mobil has not said whether it will challenge the findings. Company spokesman David Eglinton told the Arkansas Democrat-Gazette (<http://bit.ly/1jTTEJF>) that the company "will directly engage" with the safety administration about the allegations. Shortly after the company was notified of the safety allegations, Exxon Mobil issued a statement saying that was still reviewing the notice and had not determined what action it would take. "Regarding next steps, we are still reviewing the NOPV (notice of probable violations) and have not yet determined our future course of action," according to the statement provided by spokesman Aaron Stryk. Damon Hill, a spokesman for the safety administration, told the newspaper Friday that the agency had not received any response from Exxon Mobil. The company has 30 days from the date of the notice, Nov. 6, to respond. It can also request an extension of time during that 30 days. Court litigation likely will take much longer. A lawsuit



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

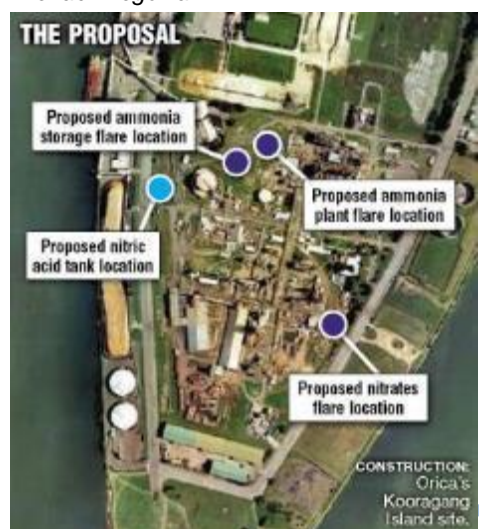
[www.spillcontrol.org](http://www.spillcontrol.org)

filed by U.S. Attorney Christopher Thyer and Arkansas Attorney General Dustin McDaniel is not scheduled for trial until Feb. 24, 2015, after McDaniel, who is not seeking re-election, is out of office. "There are many major efforts that will remain unfinished at the end of my term, including the Mayflower litigation," McDaniel said in an email sent by a spokesman. "I will communicate closely with both (parties') nominees for (attorney general) so that my successor will be able to easily transition into leading this office." Exxon Mobil has asked the court to dismiss the case, a request that has yet to be ruled upon by U.S. District Judge James M. Moody. Mayflower business owners and residents in the area have filed the other lawsuits.

<http://www.therepublic.com/view/story/f905bd8625a74e0d8e90f5ce14a7ee52/AR--Oil-Leak-Arkansas>

### AUSTRALIA, NEW SOUTH WALES, NEWCASTLE, DECEMBER 2 2013. ORICA'S BID TO PRODUCE MORE AMMONIUM NITRATE

*michael mcgowan*



Chemical and explosives producer Orica will increase the amount of ammonium nitrate produced at its Kooragang Island site by 70,000 tonnes if an application to modify its development consent is approved by the NSW government. The company is seeking approval to construct three ammonia flaring stacks and a 10,000 tonne nitric acid storage tank on site. Orica released a fact sheet detailing how the stacks, which would be six, 10 and 20 metres high, would act to burn off any fugitive ammonia released. The nitric acid tank is 8000 tonnes larger than what the site can currently hold and Orica said it would be used to "store imported nitric acid as well as provide additional storage for nitric acid produced on the site". The Kooragang site currently has approval to produce 750,000 tonnes of ammonium nitrate per annum, but the modification would only see it increase from 430,000 to 500,000, a response to increasing demand from south-east Australia. It comes less than two years after the plant re-opened following some serious chemical leaks. But groups vocal in criticising the plant's operations in the past are showing restraint in their reaction to the proposed changes. Keith Craig from the Stockton Community Action Group said while he was still concerned at the amount of ammonium nitrate being stored at the site, the changes were potentially positive. "Certainly the ammonia flares are a good thing [because they will] burn off any ammonia that's released and you won't get the problems with the community being impacted," he said. "Any excess

[releases] from the plant is still a concern for the Stockton community though and we're still pushing to have the storage of ammonium nitrate lowered."

<http://www.theherald.com.au/story/1944450/oricas-bid-to-produce-more-ammonium-nitrate/?cs=391>

### USA, GA, BRUNSWICK, BRUNSWICK, DECEMBER 2 2013. DANGEROUS CHEMICALS THREATEN CREEKS IN BRUNSWICK >> CLEANUP SOUGHT TO REMOVE BENZENE, OTHER TOXINS

*terry dickson*

A city with more than its share of Superfund sites will likely see another big cleanup, albeit this one guided by the state. The problem this time is in the groundwater beneath and adjacent to Pinova, a company that produces ingredients used in food products. The problem was already there, however, when Pinova bought the former Hercules specialty-resins facility from Ashland Inc. in 2010. Samples from test wells have turned up troubling levels of a laundry list of chemicals — toluene, xylenes, acetone, carbon tetrachloride, chloroform and methyl chloride among them. The most troubling, however, is the level of benzene and where it has been found, said Jim Brown, program manager of the Environmental Protection Division's Land Protection Branch. "The chemical we see most is benzene. It's one of the chemicals that come in diesel fuel," Brown said. "The contamination is off site, and we want to address that." Samples from monitoring wells have found benzene at 1,400 parts per billion in the shallow upper aquifer beneath the plant's sprawling grounds. It has been found at lower levels along L Street to the south of the plant, north of the plant under a motel and east of U.S. 17 on the grounds of a former paint factory. Although the levels are in the hundreds of parts per billion and even as low 25 to 35 parts per billion in some areas, that's well above the 5 parts per billion that is considered safe in drinking water, the EPA says. The EPA goal is zero given that prolonged



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner  
JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of  
ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

consumption can result in anemia and an increased risk of cancer. Drinking water is not the issue, Brown said, because, "There's no public drinking-water wells near this area." Residents and businesses are on the water system run by the Brunswick-Glynn County Joint Water and Sewer Commission, which draws water from the Floridan aquifer at least 500 feet deep. The Floridan is also protected by a overlying layer of limestone that confines the shallow aquifers, Brown said. "There's no current exposure," in drinking water, but the shallow groundwater drains into nearby Dupree and Terry creeks and the marsh, where it can have some harmful effects on wildlife, Brown said. He stressed that the groundwater is not loaded with contaminants because benzene and some of the other chemicals don't mix well with water. He likened it to oil and vinegar, with the oil riding on top. Brown described it this way: The benzene is in a non-aqueous layer with water passing through and beneath it. When the groundwater passes, it picks up some chemicals, and that's how the contamination occurs. It could go on for years unless that layer of contaminants is removed. That's what EPD wants done. "It's not an easy fix," Brown said. "The key is you want to make sure there's no source." There are a number of ways to accomplish that, but the remedy will have to be designed, analyzed and be made subject to public comment, he said. In some cases, the groundwater can be removed, filtered and reinjected into the aquifer, albeit with some risks. During the process, care must be taken against "flooding the aquifer," in which more groundwater is pumped back in than the shallow aquifers can take. "You can push contaminants out into clean areas," he said. The delineation between clean and contaminated areas and the levels of contamination found in monitoring wells is in a more recent study of groundwater tests that is in the review process and should be released soon. After that, the work should begin on cleaning up contamination that has existed for years. The original facility was built in 1911 as Yaryan, which distilled resins from pine stumps and produced naval stores. Hercules bought the company in 1920 and expanded its products to include chemicals widely used in sports drinks, chewing gum and other consumer goods. Pinova also produces resins and polyturpenes that are used in drinks, pharmaceuticals and other products, it said in its website.

<http://tinyurl.com/k6cprag>

### CHINA, GUANGDONG PROVINCE, MEIZHOU CITY, DECEMBER 3 2013. TRUCK LOADED WITH FIREWORKS BURNS SPECTACULARLY FOR MORE THAN 5 HOURS

scott t. smith

 [Watch the Video Firework Loaded Truck Burns More Than 5 Hours](#)

A truck carrying eight tons of fireworks was set on fire after a traffic accident in Meizhou City, in south China's Guangdong province. At around 3 a.m. Saturday, firefighters in Wuhua County received reports of a truck on fire and loud noises of fireworks. The firefighters arrived at the site very quickly and started spraying water on the truck, which was only about five meters away from a residential building. The noise of the fireworks and the huge fireball frightened local residents. The firefighters' commander immediately relocated residents living within 200 meters of the site to a safe area. After an hour, the flames at the site were extinguished. No injuries were reported. According to witnesses, the accident might have been caused by the overloaded truck hitting power lines.

[http://www.cbs12.com/news/top-stories/stories/vid\\_11622.shtml](http://www.cbs12.com/news/top-stories/stories/vid_11622.shtml)

### CHINA, SHANDONG PROVINCE, QINGDAO, DECEMBER 3 2013. QINGDAO BLAST INSURED PROPERTY DAMAGE ESTIMATED AT \$1.9 MLN

mo hong'e

Eighteen property insurers handled a total of 220 claims from last month's oil pipeline blasts in the east China city of Qingdao as of Nov 30, with estimated losses of 11.67 million yuan (1.9 million US dollars), sources with the rescue headquarters said Monday. The claims include 17 from company property losses, estimated at 8.54 million yuan, and 153 from automobile damages estimated at 2.84 million yuan, according to the Qingdao branch of the China Insurance Regulatory Commission (CIRC). Meanwhile, 12 insurance companies have dealt with 60 life insurance claim cases. Shortly after the blasts on Nov. 22 in the Huangdao District, which claimed 55 lives and injured more than 160, insurance companies dispatched nearly 100 workers to the [blast](#) site to carry out surveys and investigations and to help rescue efforts. The companies, under the requirements of the CIRC Qingdao branch, also opened "green channels" to deal with claims and pay insurance money in a [timely](#) manner.

 [Related Stories 126 Injured in Qingdao Explosions still in Hospital](#)

<http://www.ecns.cn/2013/12-03/90988.shtml>



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



Franklin Fueling Systems

[www.upp.co.uk](http://www.upp.co.uk)





## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner  
JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of  
ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

### USA, IN, BUCKSKIN, DECEMBER 3 2013. OIL WELL EXPLODES; NO INJURIES

rob dewig

 **Watch the Video** [Oil Tank Explodes in Gibson County](#)



An oil well with three storage tanks exploded near Buckskin early Sunday afternoon, sending dark black smoke hundreds of feet into the air and requiring firefighters from throughout Gibson County to snuff it out. Barton Township Fire Department spokeswoman Darlene Cromer said the well, located on County Road 975 South between 1000 E and 1100 E, possibly exploded due to an electric spark from one of the tank batteries, but added that is speculation, and the investigation is ongoing. The explosion demolished a work trailer nearby, where two men had spent the morning. They were eating lunch elsewhere when the well exploded and the trailer was "blown to pieces," Sheriff George Ballard said. No one was injured by the explosion or in fighting the resulting fire. But things did get a little dicey, Cromer said. Because burning crude oil is so hot and

can best be extinguished by foam, she spent several minutes spraying a regular water hose full-blast on a firefighter with a foam hose to allow him to get close enough to the oil well to effectively fight the fire. "The heat was so intense he couldn't (otherwise) get close to it," she said. The fire, which began with the explosion about 1:16 p.m., was under control by 2:28, according to Gibson County Sheriff's spokesman Mike McGregor. "It was called in as an explosion," McGregor said. "Heavy black smoke was able to be seen from Oakland City. It was crude oil burning." Cromer said she'd heard people say they could see it from Fort Branch. Firefighters from Buckskin and Somerville were first on the scene, followed rapidly by a second wave of firefighters from Columbia Township and Oakland City. As the scope of the fire became clear and nobody was sure whether the trailer had anyone inside, more help was requested (and received) from Fransisco, Fort Branch and Haubstadt. As foam started to run low, officials asked for help from the Evansville Regional Airport Fire Department, McGregor said, but that truck was recalled before it could reach the scene when firefighters finally had the burning oil under control. Two helicopters capable of hurrying injured to a hospital were summoned, but both were soon recalled. The Indiana Department of Environmental Management was also called to the scene, because burning oil ran into a nearby creek. Officials from the state agency, as well as Cromer and her fellow Buckskin firefighters, were still on the scene late Sunday. Duke Energy was also dispatched because the fire burned through an overhead power line, McGregor said.

#### Related Stories

- [Oil storage tanks burn at Indiana well](#)
- [Oil Tank Explodes in Gibson County](#)

[http://www.tristate-media.com/pdclarion/article\\_f04c759c-5b16-11e3-8f10-0019bb2963f4.html](http://www.tristate-media.com/pdclarion/article_f04c759c-5b16-11e3-8f10-0019bb2963f4.html)

### USA, MD, CECIL CO, PORT DEPOSIT, DECEMBER 3 2013. FLOATING TANK ISSUE ADDRESSED IN PORT DEPOSIT >> FUEL TANKS TO BE TIED DOWN IN PORT DEPOSIT

jane bellmyer

 **Photo's [6]** [Floating Tank Issue Addressed](#)

 **Document** [MDE Fuel tank brochure](#)



*In the days after the September 2011 flood in Port Deposit, a toppled heating oil tank is inspected for leaks and damage.*

The next time the town suffers a high-water event, there should be no floating oil or gas tanks. At least that's the plan of the Port Deposit mayor and town council. While the town has a regulation that tanks holding heating oil or propane be anchored down, enforcement has been non-existent. The town has recently hired a code enforcement officer whose job will include enforcement of this regulation. Members of the council said education could be the easiest solution. "It's my understanding some property owners don't know about it," Councilman John Haines said. The council discussed how to go about making the policy known, including fliers handed out door-to-door. In the days after the



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

September 2011 flood, the Maryland Department of the Environment was a presence in town, assessing damage to infrastructure and possible threats to public health. Vicky Rinkerman, town administrator, said an MDE report indicates there were 55 tanks at risk of spilling their contents, or rupturing and causing an explosion. "We need to proceed with notifying residents about the fuel tank anchoring program," Rinkerman said at the work session Tuesday. Rinkerman said that notification would include "who needs to do it and what it looks like." A brochure available online from MDE details the reasons why these tanks need to be anchored and offers the best way to get that accomplished. Councilwoman Judy Leonard said it would likely depend on who owns the tank. "There's a difference between a fuel oil tank and a propane tank," Leonard said, noting that propane companies typically rent the tanks to customers, while fuel oil tanks are the property of the homeowner rather than the company that fills the tank. "It's very possible some homeowners don't know they own the tank," Councilman Bob Kuhs added. Jim Sellers, the third generation owner of Hillside Oil in Elkton, said he's never had a request to tether an oil tank. He said it could be a major operation that would involve draining and moving the tank. "People are going to be looking for the most practical, affordable ways," Sellers said Friday. "Most sit in metal legs by a saddle." Sellers figured the best solution may be concrete footers to hold those legs in place. Frank Whitecavage, co-owner of Conowingo Gas, said the company would be responsible for its propane tanks. "If it's our equipment, we would do it," he said, adding the company's insurance would be the deciding factor. In the aftermath of the 2011 flood, oil and propane tanks could be seen bobbing in the murky water behind homes and businesses. Several were also seen floating down the Susquehanna River toward the Chesapeake Bay.

[http://www.cecildaily.com/news/local\\_news/article\\_ff2889ce-ae1a-5235-94f7-4a8e66a13f76.html](http://www.cecildaily.com/news/local_news/article_ff2889ce-ae1a-5235-94f7-4a8e66a13f76.html)

### CANADA, QUE, MONTREAL, DECEMBER 3 2013. MOST OF METROPOLITAN REOPENS AFTER OIL TANKER SPILL

anne sutherland



*A gasoline spill from a 53-foot truck has closed the Metropolitan in both directions at Christophe Colomb Ave.*

Most of the Metropolitan has reopened after a gasoline spill from a 53-foot tanker truck caused havoc on the highway for much of Monday. The spill, on the westbound side, between St. Michel Blvd. and Christophe Colomb Ave., was called in at 10:50 a.m. The highway was closed in both directions for several hours. Shortly before 2 p.m. the eastbound portion was reopened. By late afternoon, two of three westbound lanes were back in service. As of 7:30 p.m., the right-hand lane remained closed near d'Iberville St., Transport Quebec said. Because of the flammable liquid, there are several fire trucks at the scene. Transport Quebec and the Environment Ministry are on site to assess the possible dangers of the 1,000-litre spill. A second tanker was on site to empty

what fuel remained in the damaged truck.

<http://www.montrealgazette.com/Gasoline+spill+closes+Metropolitan/9236877/story.html>

### USA, WI, MILWAUKEE CO, DECEMBER 3 2013. STATE FINES BULK PETROLEUM FOR STORAGE TANK VIOLATIONS

rick romell

Bulk Petroleum Corp. has been ordered to pay \$51,470 for violating state laws on maintaining underground storage tanks, handling combustible liquids and abandonment of unused tanks, Atty. Gen. J.B. Van Hollen said Monday. The judgment is the latest wrinkle in a long string of controversies surrounding Bulk, which once supplied and operated gas stations across the Midwest. The judgment, signed by Milwaukee County Circuit Judge Karen Christenson, covers forfeitures, court costs and surcharges in the case. At issue are three tanks at an out-of-service gas station at 6512 N. Teutonia Ave. in Milwaukee. According to the complaint, Bulk hasn't had a valid operation permit for the tanks since at least January 2009. State regulators had ordered the Mequon firm to either obtain a permit or permanently close the tanks. Bulk did neither, according to a statement from Van Hollen's office. Bulk, which formerly supplied gasoline to more than 200 stations and owned more than 100, filed for Chapter 11 bankruptcy in February 2009. Twenty-seven related companies also were listed as debtors. The reorganization plan called for Bulk owner Darshan Dhaliwal to form, and own, a new corporation that would be a distributor only, and would own no real estate. The name of the new company was yet to be determined when the plan was approved by



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

the bankruptcy judge in July 2011. As it happened, Dhaliwal registered his new company under the same name as his former firm — Bulk Petroleum Corp. It was unclear Monday whether the judgment for violating state law on underground storage tanks is against the previous or the current Bulk Petroleum. Dhaliwal could not be reached for comment. The state regulates underground storage tanks because, if not properly maintained, they can contaminate soil and groundwater.

<http://www.jsonline.com/business/state-fines-bulk-petroleum-for-storage-tank-violations-b99154958z1-234122101.html>

### USA, N.C, ASHEVILLE, DECEMBER 3 2013. CAR CRASHES INTO GAS STATION

frank kracher

 **Watch the Video** [Car Crashes into Gas Station](#)



A man lost control of his car and crashed into a gas station on Merrimon Avenue on Sunday. The accident happened around 4 p.m. at the Enmark. Witnesses tell News 13 the driver of a black SUV drove off Merrimon Avenue and through the parking lot of the gas station. The SUV slammed into a car parked at a gas pump and pinned a man who was pumping gas. The impact knocked the gas pump off of its foundation. "There are no words to explain it," said Jeannie Davis, who witnessed the crash. "It was very scary." Davis says she credits a quick thinking store clerk with preventing an explosion. "She hit the pump stop button from the inside, my first instinct was to run and find the other pump stop button on the other side of the booth," Davis said. Asheville Police say both men involved in

the accident were taken to the hospital. Their names and conditions have not been released. APD is still investigating.

[http://www.wlos.com/shared/news/features/top-stories/stories/wlos\\_car-crashes-into-gas-station-14226.shtml](http://www.wlos.com/shared/news/features/top-stories/stories/wlos_car-crashes-into-gas-station-14226.shtml)

### PHILIPPINES, PANAY ISLAND, ILOILO CITY, DECEMBER 3 2013. ILOILO OIL SPILL REACHES MANGROVES



*The oil spill from a power barge in Estancia town, Iloilo province, has contaminated mangroves in the neighboring town of Batad.*

The oil spill that forced the evacuation of thousands of residents in typhoon-hit Estancia town in northern Iloilo province has also breached into mangrove areas in an adjoining town, according to a mangrove specialist. At least 4 hectares of old-growth and reforested mangrove areas in Batad town are now "heavily oiled" by bunker fuel, according to Rex Sadaba, coordinator of the University of the Philippines Visayas' oil spill program. Sadaba, who conducted studies on the impact on mangroves of the Guimaras oil spill in 2006, said the most affected were the 10-year-old mangrove trees belonging to the *Rhizophora stylosa* species. Oil contamination adds stress to the trees because most were

already defoliated by strong winds brought by Supertyphoon "Yolanda," he said. At least 200,000 liters of bunker fuel leaked into the shores of Estancia after the 35-megawatt National Power Barge 103 slammed into the rocky coast of the town at the height of the typhoon. Monstrous winds and waves dislodged the barge from its mooring about 200 meters from the coastline of Barangay Botongon in Estancia. Bunker fuel can severely affect mangroves because it coats the trees and blocks their breathing pores, according to scientists. Sadaba's studies in Guimaras have shown that some mangroves contaminated by bunker fuel exhibited albinism, decrease of the size of leaves and stunted growth. He said the contaminated mangroves should be left untouched because cleaning them up could do more harm. Officials had earlier ordered the mandatory evacuation of residents near the oil spill site after the Department of Health (DOH) reported high levels of the toxic substance benzene in the air. As of Sunday, Northern Iloilo Polytechnic State College-West Campus in Estancia is sheltering 647 families, according to provincial administrator Raul Banias. The DOH has issued warnings on the issue of proper equipment of workers involved in the manual cleanup after it was reported that several residents hired for the cleanup had been wearing only regular masks or shirts to cover their faces. Dr. Glen Alonsabe, regional epidemiologist, said the workers should be required to use the prescribed personal protective equipment, which include gloves, coveralls, chemical masks with filters, and goggles. Alonsabe said no cleanup work should be allowed from 10 a.m. to 3 p.m. when the temperature and toxicity level are at their highest.

<http://newsinfo.inquirer.net/539181/iloilo-oil-spill-reaches-mangroves>



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)





## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

### CANADA, ONT, OTTAWA, DECEMBER 3 2013. TANKER SAFETY PANEL TO RELEASE REPORT TUESDAY >> EXPERT PANEL SET UP TO HELP CANADA DEVELOP 'WORLD CLASS' TANKER SAFETY SYSTEM

*peter o'neil*

The federal government is expected to release the results in Vancouver Tuesday of an expert panel set up in March to help Canada develop a "world class" tanker safety system. The report will be made public less than a month before a joint review panel is expected to release its conclusions on Enbridge's Northern Gateway pipeline proposal, which would dramatically expand the number of massive oil tankers docking in B.C. A study commissioned by the B.C. government and released last month said the federal spill response system is inadequate.

<http://www.vancouversun.com/business/energy/Tanker+safety+panel+release+report+Tuesday/9238030/story.html>

### USA, CA, SAN FRANCISCO, DECEMBER 3 2013. COSCO BUSAN OIL SPILL CAPTAIN GROUNDED, WILL NOT GET LICENSE BACK

*paul rogers*



Capt. John Cota, who crashed the Cosco Busan cargo ship into the Bay Bridge in 2007, causing the worst oil spill in San Francisco Bay in two decades, has lost his battle to restart his sailing career. On Monday, U.S. District Court Judge Jeffrey White dismissed Cota's lawsuit against the Coast Guard, rejecting his attempt to force the Coast Guard to return his mariner's license so he can sail again. Cota, 66, of Petaluma, pleaded guilty to water-pollution violations and served 10 months in prison after investigators concluded he was traveling too fast in heavy fog, was impaired by prescription drugs and ignored safety precautions while working as the ship's pilot during the crash. The 53,569 gallons of bunker fuel that poured from the hull of the 902-foot container ship oiled 69 miles of shore, closed fisheries and killed more than 6,800 birds. In a lawsuit filed in February in federal district court in Oakland, Cota alleged that his "due process rights" were denied because the Coast Guard has refused to renew his license. "He wants to get his license back and go back to work. He's healthy as can be," Cota's attorney, John Meadows, of Berkeley, told this newspaper at the time. Neither Cota nor Meadows could be reached Monday. Michael Pyle, who defended the Coast Guard for the U.S. Attorney's Office in San Jose, said both agencies are pleased with the outcome. Environmentalists echoed those sentiments. "I think it's encouraging that the court backed the Coast Guard's decision to keep unsafe pilots off the high seas," said David Lewis, executive director of Oakland-based Save the Bay. "The public

needs the Coast Guard to protect not only the safety of ships, but the bay that they are sailing on. The Cosco Busan was a crucial wake up call." Shortly after the accident, the state Board of Pilot Commissioners began steps to revoke Cota's pilot's license. Instead, he voluntarily retired as a pilot in 2008 and now draws a pension of \$228,864 a year, funded through fees on the shipping industry. But Cota's other key sailing credential -- his merchant marine license, issued by the Coast Guard -- remained valid. The Coast Guard took it a month after the spill, and it expired in 2010. When Cota attempted to renew it, Coast Guard officials refused. If Cota were to recover his mariner's license, he could return to work sailing professionally as a captain, first mate or other position on commercial ships, although not as a pilot helping other captains guide large ships in and out of the bay. For a while after the spill, Cota held an administrative job at a Bay Area tug boat company. Two years ago, Meadows said Cota might be interested in working as a tug boat captain. Cota's lawsuit alleged that when he surrendered his mariner's license to the Coast Guard in December 2007, he signed an agreement that said it would be returned if he was found to be physically fit and met other pilot qualifications. After his family doctor examined him and provided a letter, the Coast Guard rejected it, saying he needed an independent doctor. After he was examined by another doctor and provided a letter from the head of a sleep disorder clinic, the Coast Guard still refused renewal, the suit said, and cited concerns over Cota's taking Provigil, a medicine for sleep apnea. In its final denial in 2012, the Coast Guard found Cota "did not meet the medical standards and the professional qualifications requirements for renewal." Coast Guard officials also cited his criminal conviction in the Cosco Busan spill and his role in the grounding of another ship, the Pioneer, near Antioch in 2006. In 2008, the National Transportation Safety Board found that Cota had a drunken driving conviction, a history of alcohol abuse and prescriptions for at least nine medications, including Valium; Vicodin; Zoloft for depression; Ativan, an anti-anxiety drug; Provigil for sleep disorders; Imitrex for migraines; and Darvon for pain. The NTSB concluded the Cosco Busan accident was caused by Cota's "degraded cognitive performance from his use of impairing prescription medications." Other causes included



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

a lack of communication between Cota and the ship's Chinese captain; inadequate crew training; and a failure by the Coast Guard to warn Cota by radio that he was heading for the bridge. In 2011, the Cosco Busan's owner, Regal Stone Ltd., and its operator, Fleet Management Ltd., both of Hong Kong, agreed to pay \$44 million to settle the civil case.

[http://www.mercurynews.com/science/ci\\_24641007/cosco-busan-oil-spill-captain-grounded-will-not](http://www.mercurynews.com/science/ci_24641007/cosco-busan-oil-spill-captain-grounded-will-not)

### **NIGERIA, YENAGOA, DECEMBER 3 2013. OIL SPILL COATS RIVER, SEA NEAR ENI NIGERIA FACILITY**

*stephen jewke, tim cocks & tife owolabi*

A large oil spill near Nigeria's Brass facility, run by ENI, has spread through the sea and swamps of the oil producing Niger Delta region, local residents and the company said on Monday. ENI said it was not yet possible to determine the cause of the spill. There are hundreds of leaks every year from pipelines that pass through the delta's creeks, damaging the environment and the profits of oil companies including ENI and Royal Dutch Shell, especially when production has to be deferred. Vast stretches of the delta's unique mangrove swamps are blackened and dead from oil pollution. "During loading operations on a tanker on November 27, an oil spill in the sea was seen. Operations were immediately suspended and resumed only after it was verified that the vessel's structures were not damaged and were not leaking," the company said in an emailed statement. Nigerian legislators are considering a law to impose new fines on operators responsible for oil spills, a measure that could land major foreign companies with penalties running into tens of millions of dollars a year. Francis Clinton Tubo Ikagi, chairman of the Odioma fishing community in Bayelsa, where a large part of the Niger river fans out through creeks into the Atlantic, told journalists on the scene that he saw a large oil slick on November 20. "I saw a very thick layer of crude oil on the river," he said. "The community is affected seriously. Our women and men whose main livelihood source is fishing are complaining bitterly to us that the whole river is full of oil." Many oil spills are caused by theft and pipeline sabotage, a crime committed daily in the Niger Delta, where millions live in poverty. A number of spills are also caused by loading accidents or decrepit infrastructure. Oil companies are required to fund the clean-up of each spill and usually pay compensation to local communities affected, if it was clearly the company's fault.

<http://www.reuters.com/article/2013/12/02/us-nigeria-oilspill-idUSBRE9B10SZ20131202>

### **USA, MI, MIDLAND, DECEMBER 3 2013. DOW CHEMICAL TO SELL OFF CHLORINE OPERATIONS**



[Dow](#) Chemical Co said it would sell a bulk of its chlorine operations – a total of 40 plants around the world – as part of its continuing efforts to move away from cyclical commodity products. Dow is the world's No. 1 chlorine producer and has been making the chemical for more than 100 years. The sale of its chlorine plants could bring in \$3 to \$4 billion, analysts said. Among the assets on the block:

- Dow's U.S. Gulf Coast chlor-alkali and chlor-vinyl facilities in Plaquemine, Louisiana, and Freeport, Texas.
- Dow's interest in the Dow Mitsui chlor-alkali joint venture in Freeport.
- Its global chlorinated organics production factories in the southern U.S. and Germany.
- Its global epoxy business, with assets around the world..
- Its brine and energy assets operations in Freeport, and Plaquemine.

Dow Chemical, like other U.S. chemical makers such as Dupont, is moving away from providing a wide range of products to a many industries as the making of performance materials is particularly susceptible to swings in commodity prices. It has shed non-core businesses representing about \$10 billion in revenue since 2009, including its polyethylene and Styron plastics business. "Exiting our longest, oldest business tells you that we are prioritizing our capital on higher margin, more consistent earnings growth businesses," Dow Chemical Chief Executive Andrew Liveris told Reuters.

#### **Chlorine still Needed**

Dow also said on Monday it would shut down about 800,000 tons of chlorine and caustic equivalent capacity in Freeport, Texas, and get its own supply from a new chlor-alkali joint venture with Japan's Mitsui & Co. Analysts said the closing of the plant will help reduce overcapacity in the industry. "We are not disposing of all the chlorine because we are retaining chlorine for our value add downstreams. We are only exiting that which is servicing the commodity part of chlorine" said Liveris. The company has said it wants to move away from basic chemical commodities to focus on electronics, packaging and agriculture.

<http://www.cbc.ca/news/business/dow-chemical-to-sell-off-chlorine-operations-1.2448194>



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner  
JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of  
ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

### AUSTRALIA, VICTORIA, CLOVERLEA, DECEMBER 3 2013. FARM TANK INCIDENT INJURES 9

*william kulich*

Nine people were injured in a chemical incident on a Cloverlea farm on Wednesday. Victoria Police spokesperson said three men, aged in their late teens, 20s and 50s, were overcome by fumes while cleaning a tank on the Darnum-Allambee Road property just after midday. The men were airlifted to Melbourne hospitals in a critical condition. Two police officers and at least four other people were also treated for exposure to the fumes at the scene before being taken to Warragul Hospital. A Warragul Fire Brigade spokesperson told The Warragul Citizen that the incident attracted the attention of the Amsterdam Amstelland Fire Department, which contacted the brigade to discuss what happened in a bid to help prevent similar incidents in farming communities there. WorkSafe and police will investigate the incident.

<http://www.warragulcitizen.com/local/cloverlea-farm-tank-incident-injures-nine729>

### NIGERIA, LAGOS, DECEMBER 3 2013. : BAN OR NOT, FIRECRACKERS FLOOD LAGOS WAREHOUSES, MARKETS

*olasunkanmi akoni and monsuru olowoopejo*

As Lagos residents anxiously awaiting for another Yuletide season, sellers of fireworks and other mild explosives, otherwise known as bangers, commonly used during the period have started displaying their wares in some parts of the state. This inspite of the ban placed on unauthorized importation, distribution and sale of the product. Sources said that despite last year's explosions, traders haven't stopped the importation of fireworks into the country. And that the quantity of explosives hasn't reduced, rather, the quantity in the month of December has increased. At the weekend, Vanguard gathered that several locked-up shops and warehouses on Mosalasi, Dosunmu, Oroyinyin, Obun Eko streets, are now stocked with various firecrackers. Even on these streets, the explosives are now displayed openly for prospective buyers. They carry price tags ranging from N350 for two bangs, three bangs for N450, N650 for five bangs, among others. Speaking to Vanguard, one Mr. Jahmal, a firecracker trader said; "we have the fireworks in large quantity if you are ready to buy, we will provide whatever quantity you need. It is available." Mr. Sylvanus Ibiwere, A trader appealed to the state government to urgently issue a white-paper to restrict the sale of fireworks in the state. "Look at me, I have two shops before the explosion last year but now all I have only a makeshift shop. And if the government doesn't control the sale, storage and use of fireworks in the state, anything can happen again." December 26th last year, a boxing day, fireworks stored in inappropriate warehouses, suddenly exploded in Lagos Island. The incident, which affected three buildings located at Okoya/Ojogiwa, occurred at about 8:00am. The National Emergency Management Agency, NEMA, confirmed the death of one person, while 40 others sustained minor injuries. Subsequently, Governor Babatunde Fashola, set up a Tribunal of Inquiry into the incident with the aim of forestalling future occurrence. The tribunal had since submitted its recommendations which the governor assured residents of speedy implementation. Part of the recommendations include: That the state government should legislate a new law that will control the storage and use of fireworks within the state to forestall future occurrence. The law should also specify the date and location where fireworks can be used. Announcing the restriction on the sales of the product last month, the Attorney General and Commissioner for Justice, Ade Ipaye, stated: "The state government will not compromise the safety and security of the good people of Lagos on the altar of commerce or celebration. People engaged in the business must therefore ensure that there is full compliance with the provisions of all applicable legislation. "What is commonly regarded as fireworks (and colloquially as bangers') is in fact 'explosives' within the meaning of the Explosives Act. "To start with, fireworks is a controlled item and therefore no person can import, manufacture, possess, or use, buy, sell or convey the same without complying with the law." He cited the Explosives Act and the Explosives Regulations, which states that every person who is engaged in handling or use of fireworks must take due precautions for the prevention of accident by fire or explosion and must also prevent unauthorized persons having access to the substance. People in the vicinity of explosive materials must also prevent others from doing so. Island, Ikeja, Ikotun among others. White paper will be out soon, LASG: Responding to government's delay in rolling out laws that will control importation and sale of explosives in Lagos state, Commissioner for Information and Strategy, Mr. Aderemi Ibirogba, said; "We don't like last year's explosion and we don't want a repeat of it. It isn't our prayer that residents of Lagos die and lose their property at the end of every year. But the people have to understand that they shouldn't engage in businesses that endanger other residents." Ibirogba added "The committee has submitted its report and the government will issue a white paper on the use of firecracker in the state very soon and when it is out, residents the stand of the government will become clear."

<http://allafrica.com/stories/201312030080.html?viewall=1>



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)





## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner  
JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of  
ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

### FIJI, SUVA, WALU BAY, DECEMBER 3 2013. INVESTIGATION UNDERWAY AT FUEL TERMINAL TANK INCIDENT

shanal sivan



Mobil Fiji says a full investigation is underway into an incident at its terminal in Walu Bay, Suva today where a section of a roof on a fuel storage tank dislodged. A company statement says there were no injuries and currently there is no risk to the safety of their neighbours or their workforce as a result of the incident. The fire brigade and police are on site and have put in place an exclusion zone to restrict public access. Traffic has been temporarily disrupted as the road in front of the terminal has been partially closed off and traffic redirected accordingly. Operations at the terminal have temporarily suspended. Mobil says there may be minimal disruption to fuel supply as a result. Customers with any queries should contact their Mobil wholesale fuels representative. The cause of the incident is unknown at this stage. The National Fire Authority says it is also monitoring the situation.

 [Related Stories NFA Monitors Fuel Tank Incident](#)

<http://www.fbc.com.fj/fiji/15900/investigation-underway-at-fuel-terminal-incident>

### USA, KY, GREENUP, DECEMBER 4 2013. GREENUP COUNTY MAN CRITICALLY BURNED IN BACKYARD EXPLOSION

bill murray



A backyard explosion has a Greenup, Kentucky man fighting for his life. William "Rick" Bush, 44, of Alcorn Road, was cutting up automobile gas tanks for scrap Monday afternoon when the explosion happened. "I've seen a lot of horrible things on the job," says Deputy Ryan Houston, "This was just tragic. The force of the explosion blew him at least 20 feet." "The fumes in those gas tanks can be highly combustible," says Sheriff Keith Cooper. "In talking with family at the hospital, Mr. Bush has burns on about 80 percent of his body." Mr. Bush is a local glass factory employee and race car advocate. "He was doing what he loved," says Deputy Houston "He's a good man, this is horrible." Mr. Bush's dog, Maddy, seen in this photo, was at his side when help arrived. He's

currently in the burn unit of Cabell Huntington Hospital in critical condition

<http://www.wsaz.com/news/headlines/Greenup-County-Man-Badly-Burned-in-Backyard-Explosion-234275591.html>

### PAKISTAN, ISLAMABAD, DECEMBER 4 2013. MINISTRY TO PUNISH PSO FOR USE OF ADULTERATED FUEL

khalid Mustafa

The Ministry of Water and Power has decided to punish the state-owned Pakistan State Oil (PSO) and file a case against it for providing adulterated furnace oil to the public sector power generation companies (Gencos). "The decision came after State Minister Water and Power Ch Abid Sher Ali along with officials of Ministry of Water and Power visited the Muzaffargarh power plant in November and caught a PSO tanker carrying adulterated oil red handed," a senior official of the ministry confided to The News. "The ministry is considering registration of a FIR against PSO management as the adulterated fuel is the cause of not only making the public sector power plants inefficient, but it also causes huge loss of the fuel amounting to \$300 million per annum to the national exchequer," the official said while quoting the findings of a study funded by the USAID. The fuel oil containing water, he said, is used in the power thermal houses which also have adverse impact on the efficiency of the power plants. Under international standards, he informed, in the furnace oil, one percent moisture is allowed, but the oil mafia in each oil tanker on average mixes 10 percent water which is not only detrimental for power plants, but the theft of 10 percent fuel incurs huge loss to the national exchequer. The official said in the presence of the State Minister Ch Abid Sher Ali during his sudden visit to Muzaffargarh power plant, officials of Northern Power Generation Company tested the residual furnace oil of the said tanker and found it to be heavily adulterated with high water content. When connected, Mariam Shah, spokesperson of PSO confirmed that the PSO tanker had been caught, but she said it was a routine matter. However, she insisted that there was no involvement of PSO's top management. Under the agreement with PSO, water content of 0.5 percent is allowed but if more water is found in the fuel tanker, PSO takes back the tanker and provides a new one. According to the documents



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

available with The News, Pakistan sustained in 2011-12 a huge loss of Rs42 billion on account of adulterated residual furnace oil with 8 percent high water content provided by Pakistan State Oil (PSO) and used in Guddu thermal power plant. Public sector electric generation companies (Gencos), privatised Kapco and one of the main IPPs, Hubco are in permanent agreement with PSO for furnace oil supply to generate thermal electricity. The specifications of furnace oil being used in these thermal power houses are different as some of them use residual furnace oil (RFO), some utilise high sulphur furnace oil (HSFO) and some consume low sulphur furnace oil (LSFO). In Pakistan, mostly RFO of HSFO is used in most of power plants for generation of electricity, while 10% LSFO is used in Kapco and other power plants. The Guddu, Kot Addu Power Company (Kapco) and Hubco power plants in the recent past have conveyed their grave concern to PSO over the substandard fuel with mainly high water content which has damaged the efficiency of the plants manifold. This bitter fact can also be gauged by another letter of Kapco written to MD PSO on March 6, 2012 of which a copy is available with The News. The letter reveals that the LSFO, which the PSO is supplying, has water content of 2.2 percent which has adversely affected the power plants' efficiency. The water content in LSFO is permissible at 1 percent. Both Kapco and Hubco raised the issue with PSO and rejected several shipments between 2009 and 2010. These bulk buyers repeatedly told PSO to stop supplying them inferior quality fuel but PSO did not comply. Asia Petroleum Limited (APL), a subsidiary of the PSO, in a letter of July 7, 2009, holds its parent company responsible for supply of extremely low quality furnace oil. The letter stated that RFO provided to Hubco could not be pumped because it choked the pipeline.

<http://www.thenews.com.pk/Todays-News-2-217860-Ministry-to-punish-PSO-for-use-of-adulterated-fuel>

### USA, VA, CHESTER, DECEMBER 4 2013. GAS TANKER OVERTURNS IN CHESTER; LEAKS SMALL AMOUNT OF FUEL



*No one was injured when this tanker truck overturned on Branders Bridge Road in Chesterfield.*

Chesterfield fire crews are at the scene of a crash involving an gasoline tanker that overturned in the 15000 block of Branders Bridge Road in Chester. The truck overturned on its side about 12:30 p.m. and is leaking a small amount of fuel, said Chesterfield Fire Lt. Jason Elmore. No one was injured in the single-vehicle wreck, Elmore said. Fire and Hazmat crews are on site. All lanes were closed on Branders Bridge at Treely Road , state Route 865. A detour was being put in place as cleanup was expected to take several hours, the Virginia Department of Transportation said.

[http://www.timesdispatch.com/news/local/traffic/gas-tanker-overtURNS-in-chester-leaks-small-amount-of-fuel/article\\_935d70ea-5c45-11e3-a1af-0019bb30f31a.html](http://www.timesdispatch.com/news/local/traffic/gas-tanker-overtURNS-in-chester-leaks-small-amount-of-fuel/article_935d70ea-5c45-11e3-a1af-0019bb30f31a.html)

### NEW ZEALAND, TAURANGA, DECEMBER 4 2013. RENA REPORT: MARITIME NZ 'BUCKLED' UNDER PRESSURE

kiri gillespie



*The report found Maritime NZ improved quickly and found a way to cope effectively with the Rena disaster.*

Failings in Maritime New Zealand's initial response to the Rena grounding have been highlighted in a wide-ranging report. A separate [report](#), also released yesterday, stating that the wreck has had minimal lasting effect on the environment has sparked community concern that the positive findings will only strengthen the argument to leave the wreck on the reef. The Independent Review of Maritime New Zealand's Response to the MV Rena Incident was carried out by former Secretary of Foreign Affairs and Trade Simon Murdoch. He

said the Maritime NZ had underplanned and underestimated the scale of the disaster and had "buckled initially". Maritime New Zealand director Keith Manch said the organisation learned lessons from the report, which criticised its lack of communication with community, iwi and media in the days following Rena's grounding. "It's not the case that nothing was being done," he said. Mr Manch said the organisation was so focused on its response to the grounding and spill, it failed to let people know what it was doing. "We had 200 people in a very short period of time who needed to respond. We had to focus on administrative issues like finance, IT and HR ... we can do better next time," Mr Manch said. When asked if Maritime New



This work is licensed under the Creative Commons Attribution-Non-Commercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)



## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 1,025 Newsy Stuff

<http://tech.groups.yahoo.com/group/DangerousGoods>

**December 10 2013**



Alliance Partner

JOIFF

[www.joiff.com](http://www.joiff.com)

Every effort has been undertaken to ensure information accuracy however it is not intended to be comprehensive nor to render advice, referred URL's are current at time of the edition release.

An Industry Partner of

ISCO

[www.spillcontrol.org](http://www.spillcontrol.org)

Zealand (MNZ) would be ready to handle another Rena, Mr Manch said: "Absolutely". Yesterday, the Government announced \$2 million would be invested to improve New Zealand's maritime response capabilities. Its order for full wreck removal remained in place, but Mr Manch understood the salvage efforts had been delayed because of weather. University of Waikato Chair in Coastal Science Professor Chris Battershill said there was minimal lasting environmental impact except for heightened levels of contaminants contained to Astrolabe Reef and the north-east area of Motiti Island, which were still being monitored. Professor Battershill said Rena's minimal impact, compared to Australian spills with similar oil tonnage, was a "pleasant surprise" despite the marine environment still not reaching a pre-Rena state. While he confirmed small amounts of oil and tarballs were washing ashore, they did not present a major concern. In other findings, juvenile finfish such as kingfish were found to have higher exposures to heavy fuel oil and oil dispersant Corexit. However, because Corexit was used briefly at sea, strong offshore wind conditions at the time meant there were no environmental effects, he said. Two years ago people were crying out for research on the environmental effects from the use of dispersant such as Corexit, but at the time there was very little research to offer, he said. "Now we've learned from that. That's the legacy of Rena - that information." Tauranga Moana Iwi Leaders Forum chair Awanui Black agreed MNZ had failed to engage with the community and iwi in the immediate aftermath of the grounding. He was concerned the positive environmental findings would weaken the order of full wreck removal. "I'm very concerned that's the case. It's the reason behind leaving it there, that's the concern. Not necessarily because it's a good thing for the environment although that's what it might be painted as." Mr Black said iwi believed the proposal to leave the wreck on the reef was solely aimed at saving money. Motiti Island spokeswoman Rangi Butler said she felt the reports were just a public relations exercise and she was not happy with the findings. "I was out there last week. I could smell something was not right with the kina. I could still smell it there," Ms Butler said. The contaminants had robbed the islanders of their pantry, she said. "It's out of sight, not out of mind. "We know it's there. We know it should not be there. "We also know it should be removed, concerning what's down there at the moment. "The owners have the money to remove it, so don't leave it for us to remove it. "It's not our accident. It's theirs. "They should be responsible," she said. Monitoring of more long-term marine effects will continue, with findings expected next year.

### Related Stories

- [Rena report: Maritime NZ 'buckled' under pressure](#)
- [Rena probe report seen to fall short](#)
- [Rena response 'inefficient' at first, review finds](#)
- [Rena response was 'flawed'](#)
- [Maori sceptical of Rena all clear](#)

[http://www.nzherald.co.nz/bay-of-plenty-times/news/article.cfm?c\\_id=1503343&objectid=11166706](http://www.nzherald.co.nz/bay-of-plenty-times/news/article.cfm?c_id=1503343&objectid=11166706)

### INDIA, MUMBAI, DECEMBER 4 2013. MAHUL OIL LEAK: PORT TRUST GETS NOTICE FROM MPCB

*anjali lukose*

More than a month after the oil leak from a pipeline owned by Mumbai Port Trust (MbPT) polluted the Mahul creek and destroyed mangroves with a furnace oil slick, the Maharashtra Pollution Control Board (MPCB) has issued a prosecution notice to MbPT for delay in the clean-up operations. The board, which issued the notice on Saturday, has given MbPT seven days to respond. On Monday, MbPT approved an Engineers India Limited-led "full-scale" technical investigation into the leakage and a health study of the major pipelines it owns. "MbPT is going very slow with the clean-up. If we don't get a proper response from them, we will go ahead with the prosecution," said P K Mirashe, Assistant Secretary (technical), MPCB. The port trust is yet to award contracts for clean-up operations. It reissued tenders last week after interested companies "cited high costs", said MbPT officials. MbPT will award a labour contract for removal of the oil-soaked plastic waste from the site, and another for removal of oil from rocks and the soil. "The recent tenders are more reasonable, and we should be able to award the labour contracts in a couple of days. The 'rock-cleaning' contract is being examined and will be awarded in three-four days," said Rajeev Gupta, MbPT chairman. At present, MbPT's dock labourers are clearing oil-soaked plastic waste. However, attempts to remove oil from rocks using high-pressure jets have failed as the oil is too thick and care needs to be taken to ensure that it does not spill into the creek, said Gupta. "Plastic waste has been polluting the creek for so many years. Why isn't any agency vigilant about that? I have invested in the clean-up operations, but will find the culprits and pass on the costs to them," Gupta added.

### Related Stories [No written protocol for small oil leakages: Mangrove cell](#)

<http://www.indianexpress.com/news/Mahul-oil-leak--Port-trust-gets-notice-from-MPCB/1202427/>



This work is licensed under the Creative Commons Attribution-NonCommercial-Share-Alike 3.0 Unported License.

**The DG-Hazmat Group is proudly supported by:**



[www.tanknology.com.au](http://www.tanknology.com.au)



**Franklin Fueling Systems**

[www.upp.co.uk](http://www.upp.co.uk)