



## Dangerous Goods - Hazardous Materials Group & Network

### Release 2013 – 981 Newsy Stuff

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

**July 18 2013**



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#### ENGLAND, LONDON, JULY 5 2013. SHELL REPORTS LARGEST OIL SPILL IN NIGERIA THIS YEAR

*sarah kent & benoit faucon*

Royal Dutch Shell PLC (RDSA) said Friday that a June incident on a pipeline operated by its Nigerian joint venture resulted in the company's most significant oil spill in the country this year. In a report published on the company's website, Shell said the June 19 incident released 2,699 barrels of oil into the environment, though it added that 1,881 barrels were burned off as a result of a fire. Shell's Nigerian joint venture, Shell Petroleum and Development Co., said the June spill that forced it to shut down its 150,000 barrel-a-day Trans Niger Pipeline was the result of oil theft. Shell had initially said there was "practically" no spill as the oil had burned and said it had nothing more to add when asked again about the spill Wednesday. Oil spills are common in Nigeria's oil-rich Niger Delta both as a result of problems with aging infrastructure and the high incidence of oil theft that sees criminals tap into pipelines to siphon off the oil.

<http://online.wsj.com/article/BT-CO-20130705-701521.html>

#### USA, TN, CLARKSVILLE, JULY 5 2013. MAN BURNED AFTER CAR CRASHES INTO CLARKSVILLE GAS PUMP

 **Watch the Video's:**

- [Man Burned After Car Crashes Into Clarksville Gas Pump](#)
- [Pedestrian Burned After Driver Slams Into Gas Pump](#)



*A man suffered serious burns after an out-of-control car crashed into a gas pump Thursday morning in Clarksville.*

On Thursday morning at around 8:11 a.m., a white 2008 Lincoln MKZ driven by John Ward was traveling south on Riverside Drive, striking a gas pump in an incident that left one pedestrian burned. According to Clarksville Police Department Officer Charles Gill, the vehicle went into oncoming traffic and left the roadway, striking the gas pump at the Exxon at 715 S. Riverside Drive, causing an explosion and injuring one person. Ray Williams of the Clarksville Fire Department said a male pedestrian had left G's Pancake House to make a purchase at the gas station convenience store and was exiting when the accident happened.

The man was walking through the parking lot and was able to avoid being struck by the vehicle but was unable to avoid the fire from the explosion. "He was an innocent bystander just caught up in the fireball," said Williams, who stated the man had third-degree burns on 40 percent of his body. Williams called the burns "severe and life-threatening." According to Williams, Lifelight could not be used at the time of the incident due to weather, and the man was taken by ground transport to Gateway Hospital for eventual transfer to the burn unit at Vanderbilt University. Williams said the fire department received the alarm at 8:14, response time was three minutes and that the fire was put out three minutes later. "The automatic (gas) shut-off worked like it was supposed to," Williams said, "which helped in getting it (the fire) under control. "There were two vehicles destroyed in the fire – the vehicle that crashed into the pump and another one that was just parked there that belonged to the owner of the gas station." Fire officials allowed the convenience store to stay open but not to sell gas. Gill said that no further information on the injured pedestrian could be released until his family was notified. The crash is being investigated by a Fatal Crash investigator with the Clarksville Police Department.

[http://www.tennessean.com/article/20130704/NEWS01/130704013?nclink\\_check=1](http://www.tennessean.com/article/20130704/NEWS01/130704013?nclink_check=1)

#### ANGOLA, JULY 6 2013. PERRO NEGRO 6 SINKS OFFSHORE ANGOLA

Saipem S.p.A. reported Tuesday that the [Perro Negro 6 \(350' ILC\)](#) sank offshore Angola after the seabed collapsed under one of the rig's three legs. The rig sank Monday night while being positioned for drilling operations near the mouth of the Congo River at the border of Angola and the Democratic Republic of Congo in approximately 130 feet (40 meters) of water, Saipem said in a press release. One hundred and three workers were on board the rig when the Perro Negro suddenly tilted, causing the rig to take on water and capsize. One crew member is missing, and six other workers suffered minor injuries, Saipem reported. Saipem's emergency response team is working closely with the Angolan authorities and the client's operational team, Saipem said. The Perro Negro is under contract with Chevron Corporation through early 2015 at a day rate in the upper \$110,000s, according to Rigzone's RigLogix database.

[http://www.rigzone.com/news/article.asp?a\\_id=127456&utm\\_source=WeeklyNewsletter&utm\\_medium=email&utm\\_term=2013-07-05&utm\\_content=&utm\\_campaign=feature\\_1](http://www.rigzone.com/news/article.asp?a_id=127456&utm_source=WeeklyNewsletter&utm_medium=email&utm_term=2013-07-05&utm_content=&utm_campaign=feature_1)



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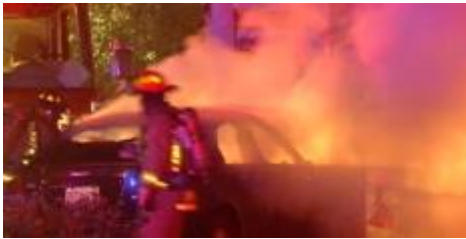
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#### USA, FLA, CASSELBERRY, JULY 6 2013. SPEEDING CAR SLAMS INTO GAS PUMP, BURSTS INTO FLAMES

##### Watch the Video's:

- [Man Fleeing from Cops Causes Fiery Crash after Driving into Gas Pump](#)
- [Speeding Car Slams into Gas Pump, Bursts into Flames](#)



A man accused of crashing his speeding car into a Casselberry gas pump early Friday, engulfing it in flames, is expected to make a first appearance before a judge this afternoon. Joseph Jerome Coon, 27, of Fern Park is charged with reckless driving, hit-and-run leaving the scene of a crash involving property damage and driving with a suspended license. Casselberry Police say that just before 2 a.m. Friday, an officer saw a car speed through a red light on southbound S.R. 436 at Sausalito Boulevard and pursued it. The officer saw the Volvo speed toward Howell Branch Road and turn on his patrol car's light. As the Volvo tried to make a right onto Howell Branch, it lost control, police say. It

jumped a curb and entered the parking lot of BP gas station on the corner. The car then struck a gas pump and burst into flames. Two men got out of the car, police say. One exited the drivers side door and ran toward a nearby apartment complex. The BP store clerk said the other man casually walked out of the car. "I was thinking about the guy who was in there. but the minute he hit the pump, he just walked out like it was nothing," Cesar Valencia said. Valencia said he saw the fire and quickly shut off the gas pumps. "I just saw the gas pump, and the emergency button and hit it and ran for my life after that," Valencia said. Police say the man who ran off returned shortly later was the car's driver and later identified him as Coons. The passenger told police he was getting a ride from Coons from an Orlando bar when the car suddenly accelerated and slammed into the gas pump. The BP store is open while repairs are made and the investigation continues.

<http://www.myfoxorlando.com/story/22767304/speeding-car-slams-into-gas-pump-bursts-into-flames-casselberry-police-say>

#### USA, CA, SIMI VALLEY, JULY 6 2013. 36 TREATED AFTER MAJOR ACCIDENT AT SIMI VALLEY FIREWORKS SHOW

kate mather, matt hamilton & emily foxhall

##### Watch the Video's:

- [36 Treated after Major Accident Fireworks Show](#)
- [Simi Valley Fireworks Accident Caught on Tape](#)
- [Fireworks Accident Injures Dozens in California](#)



##### *Simi Valley Fireworks Incident.*

At least 36 people were injured or treated at Simi Valley-area hospitals after a [major malfunction](#) at a fireworks display sent pyrotechnics shooting into a crowd of spectators. An estimated 8,000 to 10,000 people were gathered at Rancho Santa Susana Community Park in Simi Valley Thursday to watch the show when, officials believe, at least one pyrotechnic prematurely exploded in a mortar, causing a chain reaction that tipped over other fireworks and launched them into the crowd of spectators. Simi Valley police initially said 28 people were injured, including four who were taken by ambulance to area hospitals. Additional victims sought treatment on their own. Simi Valley Hospital treated 26 patients, 14 of which came in by ambulance, according to hospital spokeswoman Alicia Gonzalez. The patients ranged in age from 17 months to 71 years, and 12 were

children, she said. Twenty-three patients have been treated and released, she said. One was transported to an area burn center. Two remained at Simi Valley Hospital on Friday morning, but were listed in fair condition. The injuries included burns, shrapnel, trampling wounds and chest pains, Gonzalez said. Eight people between the ages of 5 and 42 went to Los Robles Hospital and Medical Center in Thousand Oaks, including four by ambulance, according to hospital spokeswoman Kris Carraway. The victims suffered injuries including burns, lacerations and [tinnitus](#)— ringing in the ears. All were treated and released, she said. "They were all very lucky," she said. A spokeswoman at Holy Cross Hospital said the hospital treated two patients last night, but neither was admitted. As people gathered Friday near Rancho Santa Susana Community Park to retrieve their belongings and revisit the scene, many recalled the [explosion](#) that [sent the crowd running](#). Simi Valley resident Victor Morales, 40, said his brother Danny Morales, 42, was hit between the eyes. "I saw him holding his face, and his face



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was full of blood," he said. His brother was taken to Los Robles Hospital and was released Friday morning. His son, also named Victor Morales, 20, said more than 20 of his friends and family were in the front row of the crowd -- a spot they had reserved Tuesday night, underscoring the show's popularity among Simi Valley residents. The younger Morales, a student at the Art Institute of Hollywood, said many of his young cousins were in the front row to get the best view. Many suffered burns, he said, but none was taken to the hospital. "They are a little shaken up," he said. Morales' mother saw a fireball coming toward her, he said, so she ducked down in her chair. Her hair was charred, he said, and the smell of burning hair and burning blankets filled the air. Rick Leidner, 42, of Simi Valley said his 22-year-old son, who had ACL surgery three weeks ago, was trampled by the crowd. Paramedics took Dustin Fields to an area hospital, where he remained Friday morning.

<http://www.latimes.com/local/lanow/la-me-ln-simi-valley-fireworks-hospitals-20130705,0,5399295.story>

#### USA, S.C, NORTH MYRTLE BEACH, JULY 6 2013. WORKER INJURED, HOLE BLOWN IN CHERRY GROVE PIER DURING FIREWORKS SHOW

##### Watch the Video's:

- [Cherry Grove Fireworks Go Astray](#)
- [Cherry Grove Pier Fireworks Explosion](#)

##### Photo's [8] [Cherry Grove Pier Fireworks Explosion](#)



*Fireworks explosion at Cherry Grove Pier.*

A \$25,000 fireworks show paid for by the City of North Myrtle Beach ended with an unexpected explosion Thursday night. It sent one person to the hospital and damaged the Cherry Grove pier. City spokesperson Pat Dowling said six minutes into the North Myrtle Beach July 4 fireworks show at the pier, a shell exploded early and severely injured a worker with Zambelli Fireworks. Medics took the worker to Grand Strand Regional Medical Center. Dowling said the blast also blew a two foot by three foot hole in the pier and damaged about four feet of pier railing. Dowling said Zambelli Fireworks decided the safest way to get rid of the remaining explosives was to set them off. Dowling said the worker was treated and released from the hospital Friday morning. The North Myrtle Beach Fire Department will investigate the incident.

<http://www.wjbf.com/story/22764079/worker-injured-in-july-4-fireworks-explosion-at-cherry-grove-pier>

#### USA, WI, TOWN OF JACKSON, JULY 6 2013. TESTS REVEAL CHEMICALS IN 23 MORE JACKSON WELLS, IN ADDITION TO 42 ON OFFICIAL STATE COUNT

don behm



*Julie Heidtke holds daughter Ella while son Quin fills a glass from a water dispenser and daughter Kaylee sits at right. Heidtke wants a carbon filter on her well.*

Tests not previously made public detected petroleum compounds in water from 23 additional private wells within a one-mile radius of a July 2012 gasoline pipeline spill, state environmental officials confirmed. The wells are in addition to a total of 42 [wells contaminated with benzene](#) or other petroleum compounds after the spill, state Department of Natural Resources officials said. Three wells were added recently to the official count after tests confirmed contamination of water at two homes on Mockingbird Drive, southwest of the spill site, and one on Wildflower Lane, northwest of the spill, officials said. The 23 other wells have not

been included in the state's official count because a laboratory could not quantify the concentration of petroleum chemicals detected in the water, said Marty Nessman, a DNR hydrogeologist in Madison. Although chemicals were detected in one or more tests, there was not enough of them to measure accurately. For that reason, the wells are not considered to be contaminated, Nessman said. A list of the 23 wells was released to the Journal Sentinel in response to a records request. State records show the majority of those 23 wells — 12 — have not been equipped with carbon filters the pipeline company has installed on 77 other wells in the area. This information contradicts a June 14 statement from DNR Southeast Regional



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Director Eric Nitschke that "all wells with detects" have the carbon filters. Nitschke clarified the statement Tuesday and said he was referring to all wells with detects that could be quantified. West Shore placed filters on 11 wells with concentrations too small to quantify "due to their proximity" to wells where the level of petroleum compounds exceeded a health standard, according to Nessman. The health protection standard for benzene in drinking water is 5 parts per billion. The laboratory limit for quantification is lower, but it varies, he said. Filters, known as point-of-entry treatment systems, were placed on at least 77 wells as a temporary measure until homes in the area can be [connected to the Village of Jackson municipal water supply](#) next year. But fear of drinking water tainted with gasoline is part of daily life for those property owners in a state-designated advisory area whose wells have not been equipped with carbon filters, said Julie Heidtke. Her family lives in the 3200 block of Maple Road, at the intersection of Sherman Road, less than a mile northwest of the spill site in the 1800 block of Western Ave. The company has rejected her repeated requests for carbon filters, even though her family's home is about 1,000 feet west of an officially contaminated well on Sherman Road, Heidtke said. Other homes at a greater distance south of the Heidtke residence on Maple Road have contaminated wells or wells with trace amounts that could not be quantified, according to DNR reports. So far, there has been no detection of benzene in the Heidtke well. Heidtke says she and her husband, Ron, feel as if they are living in a bull's-eye, directly in line with the northwest spread of gasoline contamination in groundwater. But their home is not adjacent to any of the properties with contaminated wells, so the company will not provide them with a filter, Julie Heidtke said. The company is installing filter systems where there is a need to protect families from spreading contamination, said Patrick Hodgins, director of health, safety, security and environment with Buckeye Partners LP. Buckeye operates the pipeline for West Shore. "We watch the well testing data very carefully," Hodgins said. The plume of contamination is stable and not spreading, he said. West Shore continues to provide the Heidtkes with bottled water because they are inside the advisory area. For that reason, Heidtke questions why they are not eligible for a filter on their well. "It's extra protection," she said. Her 21-month-old daughter is not old enough to understand she shouldn't drink water while bathing. Her 8-year-old son has Down syndrome, and the family doctor has advised Heidtke he is more susceptible to illness and diseases, such as leukemia. "And that's without putting exposure to benzene in the picture," she said. On July 17 of last year, a section of a regional fuel distribution pipeline ruptured and spilled an estimated 54,600 gallons of gasoline in a farm pasture in the 1800 block of Western Ave. One hundred or more properties could be connected to village water next year under a plan approved by the Town Board. Julie and Ron Heidtke are among more than 200 Washington County families who have joined a [lawsuit against West Shore and Buckeye Partners](#). The lawsuit contends the companies were negligent in not preventing the spill. The families are seeking compensation for emotional distress, reduced property values, reduced quality of life and other claims.

<http://www.jsonline.com/news/ozwash/tests-reveal-chemicals-in-23-more-jackson-wells-b9946404z1-214289551.html>

#### USA, S.C, TRAVELERS REST, JULY 6 2013. FIREWORKS EXPLODE IN SC MAN'S HANDS, DIES ON WAY TO HOSPITAL

A Travelers Rest man has died after a firework exploded in his hands on July Fourth. The Greenville County Coroner's Office says 54-year-old Robin Rhodes Smith died on the way to a hospital around 9:45 p.m. Thursday. Witnesses say Smith had been shooting fireworks in his yard. A mortar round-type with a 4-inch opening at the top, failed to ignite. Investigators say Smith took the firework out of the ground and used a pocket knife to install a new fuse. Witnesses say Smith was holding the firework against his chest when it went off. An autopsy was scheduled Friday.

<http://www.wbtw.com/story/22767078/fireworks-explode-in-sc-mans-hands-dies-on-way-to-hospital>

#### USA, N.C, CHARLOTTE, JULY 6 2013. 9 PEOPLE TREATED AFTER CHLORINE TANKER TRUCK LEAK IN CHARLOTTE

 **Watch the Video** [Dozens Sickened after Chlorine Leak at Scrap Yard](#)

Nine people are being treated for minor injuries after chlorine seeped from a tanker truck being cut up at a Charlotte recycling company. Charlotte Fire Department Captain Rob Brisley says that equipment being used to cut up a truck pierced or struck a small pocket of chlorine inside the tanker, allowing the gas to escape. He says some workers inhaled the fumes. Thirty-nine people were working at Gilbert Iron and Steel at the time of the accident. They had all made it outside by the time firefighters and a hazardous materials team arrived at the scene. Nine people were taken to area hospitals for non-life-threatening injuries. Brisley says the Occupational Health and Safety and Administration was called to the scene as a precaution.

<http://www.blueridgenow.com/article/20130705/APN/1307050833>



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#### AUSTRALIA, NEW SOUTH WALES, LISMORE, JULY 6 2013. DON'T LIGHT FIRES WITH PETROL

rodney stevens

Emergency services are reminding people about the dangers of using petrol or other accelerants to light fires. On May the fifth, a 27-year-old Lismore man suffered burns to his face and arm when he tried to light wood soaked in petrol. Since April 1, NSW Ambulance and Fire and Rescue have responded to at least 13 incidents where people using accelerants to light fires have been injured. Over the same period 20 people were treated for burns after falling into or being around fires. Fire and Rescue NSW Community Engagement and Development Manager, Acting Superintendent Mick Ollerenshaw said using accelerants such as petrol or kerosene to light fires was extremely dangerous. "When you throw accelerant on to a fire, the fire can follow the vapours back and up to the source such as a hand or full bottle of accelerant in the hand," he said. "The simple rule is don't use accelerants on a fire." NSW Ambulance Inspector John Brotherhood urged caution when people were around fires, particularly if they were consuming alcohol. "Each year, we treat a number of the burns victims who have fallen into fires after becoming intoxicated," he said. "It is also very important to ensure children are well-supervised when around fires." Insp Brotherhood said the best treatment for burns was to place the burned area under cold running water for at least 20 minutes. "The burns must be cooled down, that's the biggest thing," he said. "Just be careful not to over-cool the patient, particularly if it's a young child."

##### Safety Tips

Never use accelerants; Burn only seasoned, dry hardwood and always keep a safe distance from fires; Never leave a fire or heater unattended. Ensure all fires are properly extinguished before going to bed; Never use an LPG cylinder indoors or in a confined space; Store lighters, matches and flammable liquids in a secure place away from children; If a burn occurs cool the burn area immediately with plenty of cool, running water for at least 20 minutes. Do not apply ointment, cream or butter to the affected area and try to remove jewellery and loose clothing from the affected area. In the event of burns or a house fire call 000.

<http://www.northernstar.com.au/news/dont-light-fires-with-petrol/1934404/>

#### CANADA, ONT, NIAGARA-ON-THE-LAKE, JULY 6 2013. POLICE WARN AGAINST ONLINE CHEMICAL RECIPES

dan dakin



What remains of a plastic bottle is shown in an image provided by the Niagara Regional Police. A teenage boy was injured in Niagara-on-the-Lake Thursday night after mixing chemicals together and creating an explosion.

It's a simple recipe with an explosive outcome. And police are reminding people it shouldn't be tried at home. For the second time in less than two weeks, a young man from Niagara was injured Thursday after mixing chemicals using a concoction he found on the Internet. The easily-found recipe uses pool chlorine tablets and rubbing alcohol mixed in a pop bottle to create a glow-in-the-dark gas mixture that expands and explodes the bottle. Around 7:40 p.m. Thursday, emergency services were called to Niagara-on-the-Lake after a 15-year-old boy suffered an eye injury and burns to his face when he mixed the chemicals together and caused an explosion. "Being curious and experimenting is certainly a part of growing up, but we need to be cautious," said Niagara Regional Police spokesman Const. Derek Watson. "Having access to virtually-unlimited information through the Internet can be dangerous." A similar incident happened on June 23 in Port Colborne, when an 18-year-old man suffered blurred vision and third-degree burns to his arms after mixing the same chemicals and causing an explosion. In that case, the man tried to mix the chemicals inside a house and the explosion was powerful enough to damage both the kitchen sink and a granite countertop. "These are curious teenagers, not terrible young men trying to make a bomb in their garage," Watson said. "They likely thought it was a harmless experiment that would result in neat-looking giant glow sticks, but they were fortunate that they didn't suffer more serious injuries." He said chemicals should only be mixed by professionals. "When dealing with chemicals and explosives, people should ensure they have the expertise to know exactly what's going to happen and when," he said.

<http://www.forterietimes.ca/2013/07/05/teen-mixes-household-chemicals-causes-explosion>

#### DENMARK, WEST JUTLAND, TARM, JULY 6 2013. 55 HOSPITALISED AFTER INHALING CHLORINE GAS

A group of 46 children and nine adults have been hospitalised after becoming ill during a trip to the local swimming pool in the Jutland town of Tarm on Thursday. The group, on holiday from the Copenhagen area, suffered coughing fits and began



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vomiting. None of the children, all aged 12 and 13, or the adults are seriously ill. An investigation concluded the group became sick after the air sensors in the building malfunctioned, leading to a build up of chlorine gas.

<http://cphpost.dk/news/55-hospitalised-after-inhaling-chlorine-gas>

#### THE NETHERLANDS, WAGENINGEN, JULY 6 2013. A SIMPLE BUT SMART SOLUTION TO CONTAINING TANKER OIL SPILLS

Prompt intervention when shipwrecks and tankers are in distress can be crucial in confining pollution and limiting possible damage to the environment. Until recently however, a lack of appropriate tools and systems have hampered rescue efforts. A European project sought to address this deficiency by designing and validating an EU reference method to enable prompt, cost-effective intervention when an oil tanker is in danger of spilling its cargo. The DIFIS ('Double Inverted Funnel for Intervention on Shipwrecks') project examined what to do with leaking fuel; and what should be done with fuel still trapped in tanks. It also addressed the issue of dealing with oil tankers that have sunk to significant depths. The end result is a method applicable to all tanker wrecks, so long as the trapped pollutant has not dissolved and is of lower density than sea water. The proposed solution relies on gravity forces to deal with spilt fuel. Instead of channelling it directly to the surface - where any recovery operations would be greatly affected by adverse weather conditions - the fuel-water mix is channelled to a buffer reservoir/separator some 30 to 50m below the sea surface. The reservoir comprises a light, quickly deployable, flexible structure that can stay in place until all tanks of the wreck are emptied and the pollution threat eliminated. This buffer reservoir contains equipment that enables shuttle vessels, weather permitting, to rapidly collect the fuel using standard off-shore loading equipment. The dome of the reservoir is constructed using a textile-based material, while the riser tube is made of flexible piping and high-strength synthetic wire. The buffer bell is placed some 50m below the water surface, where it is not affected by waves, and has sufficient buoyancy to tension the riser tube and to keep the entire system in its correct shape. In practice, after pinpointing the shipwreck site, a remotely operated vehicle (ROV) is sent in to investigate. The local water depth, bottom geometry, soil properties and current conditions are determined. Concrete anchor blocks are then placed on the bottom using a work vessel with either a crane or a winch of sufficient capacity. The folded dome is then transported to the site on a barge. It is lowered into the water and brought alongside an installation vessel. Here it is connected to the first section of the riser tube which is built section by section. As the length of the riser tube increases, the folded dome is gradually lowered until it is close to the shipwreck. After the dome is unfolded, the buffer bell is connected to the riser tube and the whole system is disconnected from the installation vessel. Once installed the DIFIS system is completely passive and requires no human operator. Offloading operations can be scheduled and periodic inspections take place to ensure the integrity of the system. Since the DIFIS system is intended to remain in place for a prolonged period of time, it has been designed to be capable of withstanding harsh environments. In rigorous testing of the DIFIS system, no unexpected behaviour was observed during operational conditions, while the dome shape remained intact. Furthermore, the buffer bell was judged to be sufficiently below the water surface. The overall behaviour of the DIFIS system during offloading also met with expectations. For more information, please visit: Marine Research Institute Netherlands <http://www.marin.nl/web/show> [http://cordis.europa.eu/fetch?CALLER=EN\\_NEWS&ACTION=D&SESSION=&RCN=35864](http://cordis.europa.eu/fetch?CALLER=EN_NEWS&ACTION=D&SESSION=&RCN=35864)

#### USA, ILL, LAWN PARK, JULY 6 2013. 2 SISTERS-IN-LAW INJURED WHEN FIREWORK EXPLODES AT THEIR FEET >> VICTIMS WERE ATTENDING DISPLAY AT SOUTHWEST SIDE PARK. LEFT LEG AMPUTATED.

jodi s. cohen



Chicago Park District employee Blanca Gomez loads leftover fireworks, containers and other trash onto a truck Friday at West Lawn Park, the scene of Thursday's fireworks injuries. The fireworks display at the Southwest Side park was unsanctioned.

Just as they do every year to celebrate the Fourth of July, sisters-in-law Lorena and Kristina Perez went to West Lawn Park on the Southwest Side to watch neighborhood fireworks with their family and friends. But as a set of four fireworks was launched into the air, one of them instead went straight to the ground, exploding at the women's feet. Kristina's left foot was blown off, according to a relative in their group, and Lorena suffered injuries to her left leg. Both were taken by ambulance to Advocate Christ Medical Center in Oak Lawn.



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## Dangerous Goods - Hazardous Materials Group & Network

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"It seemed like it tipped over and came straight down," said Fabian Carmona, 37, Lorena's brother. "I don't think she saw it coming." The Chicago Fire Department responded to several fireworks-related injuries Wednesday and Thursday as unauthorized fireworks displays lit up the sky across the city. The Perezes' were the most serious, said Chicago Fire Department spokesman Larry Langford. Other people were burned or injured by flying projectiles. Kristina, 32, underwent surgery to amputate her left leg, and she suffered injuries to her right foot and an arm. Lorena, 36, was treated for a fractured leg and burns to her lower extremities, according to fire officials and a relative. Lorena is married to Kristina's brother, Enrico Perez. Kristina Perez began screaming when the stray firework hit her. "I went to look around and then I realized she was missing her foot," Carmona said. "She was yelling, screaming. She was saying, 'Get an ambulance. Get an ambulance.'" Lorena, who celebrated her birthday a day earlier, is missing a large area of tissue on her left leg, and a toe was badly burned, Carmona said. The fireworks were unsanctioned but are an annual tradition in West Lawn Park, Carmona said. The injuries occurred between 10:30 and 11 p.m. "We do it every year. We hang out at the park and watch them go up," Carmona said. "I still can't believe this happened." He said he doubts he'll go to a fireworks display again. "I don't want to be near that stuff. I am traumatized right now," he said. John Cole, who was watching the fireworks with this 11-year-old son, said he rushed over to the victims and wrapped a shirt around Kristina's leg to try to stop the bleeding. He said other people used the lights from their phones to try to help. Meanwhile, other groups, not realizing what had happened, continued to launch more fireworks at the park, near West 66th Street and South Keeler Avenue. "It was horrifying," said Cole, 46. "It could have happened to any of us." <http://www.chicagotribune.com/news/education/ct-met-fireworks-injuries-20130706,0,395689.story>

### USA, CA, IRVINE, JULY 6 2013. ETHANOL: FUEL FOR THOUGHT EVERYTHING YOU NEED TO KNOW ABOUT ETHANOL AND YOUR BIKE.

kevin cameron

People are up in arms over recent EPA waivers that allow but do not require up to 15 percent ethanol to be blended into gasoline. The 15 percent blend, called E15, would be available only from blender pumps clearly labeled "Passenger vehicles only. Use in other vehicles, engines and equipment may violate Federal law." Here is the EPA's list of vehicles that should not be fueled with E15:

- Motorcycles
- Vehicles with heavy-duty engines, such as school buses and delivery trucks
- Off-road vehicles, such as boats and snowmobiles
- Engines in off-road equipment, such as lawnmowers and chainsaws
- Model-year 2000 and older cars, light-duty trucks and medium-duty passenger vehicles (later changed to model-year 2007 and older)

Why do E10 and now E15 alcohol-gasoline blends exist? The Energy Independence and Security Act (EISA) of 2007 requires that renewable fuels be blended into transportation fuels and also mandates that the EPA ensures that these renewable fuels, from production to use, actually emit less greenhouse gas than the petroleum-based fuel they replace. Two motivations behind EISA are:

- 1) to cut U.S. dependence on foreign oil;
- 2) to reduce production of greenhouse gas from vehicles.

#### Ethanol In Gasoline: the Problems

[1] Because ethanol contains one-third less energy per gallon than gasoline, adding ethanol to gasoline leans out the fuel-air mixture, possibly enough to cause damage. Several manufacturers of small engines have said they will not honor warranties if fuels containing more than 10 percent ethanol are used. Recent-model automobiles have digital fuel injection capable of automatically compensating for this leaning effect of E15 fuel. "Yellow-cap" or "Flex-Fuel" vehicles, which make up about four percent of the U.S. auto/light-truck fleet, are able to compensate for fuels containing up to 85 percent alcohol (E85).

[2] Metal fuel-system parts can corrode as a result of exposure to alcohol. Fuel additives are sold to inhibit this. Solvency of alcohol in certain fuel-system plastics, rubber and seal materials used in older vehicles can lead to softening and swelling. Fuel additives cannot prevent this.

[3] Alcohol absorbs water from any source (even from the atmosphere). Once alcohol that is dissolved in gasoline has absorbed sufficient water, it can separate from the gasoline and settle to the bottom of the tank. If this separated water-alcohol mixture is drawn into the engine's fuel-system, the engine will run lean and may misfire or stop running.



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[4] Some fear that the E15 fuel remaining in the blender pump's hose and pump, when mistakenly mixed into the small fuel volume of a motorcycle's or other small engine's tank, might result in a mixture lean enough to cause engine damage. To prevent this, EPA will require customers using the E15 blender pump to buy at least four gallons of fuel. This will dilute the fuel that remains in the hose and pump enough to make it harmless to your bike.

#### Politics of Ethanol

Biff! Pow! Sock-O! Grind those axes, everyone!

Every gallon of corn-derived alcohol sold in motor fuel is two-thirds of a gallon of gasoline that the oil companies don't sell. Do they like this? Corn states love alcohol in fuel because it drives up corn prices. Beef states hate higher feed prices. Hydrofracking has raised U.S. production of oil and gas, reducing concern over energy independence and cutting incentive to add alcohol to gasoline. The U.N. has asked the U.S. to suspend its use of corn to power automobiles as it drives up world food prices, especially in this drought year. Many ask why government should subsidize the ethanol industry.

<http://www.cycleworld.com/2013/07/05/everything-you-need-to-know-about-ethanol-fuel-and-your-motorcycle/>

#### USA, WASHINGTON, D.C, JULY 6 2013. MANNAN GIVES CONGRESSIONAL TESTIMONY ON EXPLOSIONS IN TEXAS AND LOUISIANA

*lesley kriewald*



Dr. M. Sam Mannan, a world-renowned expert on safety in the chemical processing industry, testified before the U.S. Senate Committee on Environment and Public Works June 27 in Washington, D.C. Mannan is Regents Professor and holder of the Mike O'Connor Chair I in the Artie McFerrin Department of Chemical Engineering at Texas A&M University and director of the Mary Kay O'Connor Process Safety Center in the Texas A&M Engineering Experiment Station (TEES). Mannan gave testimony on the oversight of federal risk management and emergency planning programs to prevent and address chemical threats, including the events that led to explosions in West, Texas, in April and Geismar, La., in June. During his testimony, Mannan said that chemicals play a key role in today's high-tech world and that the chemical industry is linked to every technologically advanced industry. But safe use of

chemicals creates a healthier economy and a higher standard of living, while unsafe use threatens lives, businesses and the environment. The Occupational Safety and Health Administration (OSHA) has general and specific regulations that would apply to the use and possession of ammonium nitrate. The West facility was required to comply with specific OSHA regulations. Mannan said that while it is not clear what the compliance status of the facility was at the time of the incident, compliance with these programs could have prevented or mitigated the incident. Storage of ammonium nitrate at an adequate distance from the seed area might have helped in preventing the explosion, as well as firewalls to prevent the ammonium nitrate from heating and reaching the onset temperature of decomposition. And the warehouse construction material was wood, which is a combustible material. "Overall, from what is known, the storage of ammonium nitrate at West Fertilizer Company did not provide adequate measures to prevent overheating and propagation of fire, which eventually led to the explosion," Mannan said, and added that proper training on the hazards of ammonium nitrate and knowledge about a potential violent decomposition might have allowed firefighters to take a different approach when responding to and fighting the initial fire. Mannan also said that U.S. Environmental Protection Agency and the U.S. Department of Homeland Security have regulations that applied to the West Fertilizer Co. West Fertilizer was covered by Department of Transportation regulations regarding safe transport of ammonium nitrate. Additionally, the Bureau of Alcohol, Tobacco and Firearms regulatory requirements pertaining to ammonium nitrate do not apply to ammonium nitrate used as fertilizer, but the agency has embarked on several collaborative programs with industry organizations to improve security and safety at all ammonium nitrate facilities. "We must as a nation and individuals explore and investigate these incidents and do our best to prevent the recurrence of such incidents," Mannan said. A professional engineer and certified safety professional, Mannan is a fellow of the American Institute of Chemical Engineers and a member of the American Society of Safety Engineers, International Institute of Ammonia Refrigeration and National Fire Protection Association. In addition to his many professional honors and achievements, Mannan has served as a consultant to numerous entities in both the academic and private sectors, including the Columbia Accident Investigation Board. The Mary Kay O'Connor Process Safety Center mission is to lead the integration



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of process safety — through education, research, and service — into the education and practice of all individuals and organizations involved in chemical operations. The center aims to serve as the premier process safety resource for all stakeholders so that safety becomes second nature for managers, engineers and workers as progress continues toward zero injuries and lost lives. The center seeks to develop safer processes, equipment, procedures and management strategies that will minimize losses in the process industry.

<http://engineering.tamu.edu/news/2013/07/05/mannan-gives-congressional-testimony-on-explosions-in-texas-and-louisiana>

### USA, AZ, NEEDLES, JULY 6 2013. KEROSENE TANK DUG UP IN NEEDLES >> THOUSANDS OF GALLONS REMAINED INSIDE TANK IN FRONT OF EL GARCES

jennifer denevan



*Tank Unearthed: Crews use a crane to remove a 20,000-gallon tank from the ground in front of the El Garces June 26. The tank was discovered a few weeks ago as crews were digging to place pipe for utilities for the building. The tank held kerosene which had to be drained before the tank could be removed.*

The removal of an approximately 35,000-pound tank from Santa Fe Park took several hours. The park is right in front of the historic El Garces Harvey House, currently being restored as an intermodal transportation facility. It isn't known how long the tank had been there, Marc Richards, city public works director, said. What it may have been used for is also speculative, he added, though because it held kerosene it may have helped heat and light the facility many years ago. Richards said the tank was discovered while crew members were digging to put in a 15-inch pipe for utility purposes. At present, the work being doing at the El Garces includes adding what is referred to as a civil package, which means infrastructure for utilities such as plumbing and electricity. That work was interrupted when construction crews discovered the tank, he said. Because of the potential environmental concerns, it had to be removed. Richards said the tank still had kerosene inside that was removed first. About 7,800 gallons of the liquid was removed. Then the tank itself had to be dug out of the ground and removed, he said. This meant getting a crane to lift it out of the ground. It was then placed on a flatbed truck. Richards said he wasn't sure, but thought its final resting place would be in Fontana. There, it would be disassembled and then recycled, he said. The tank may be removed but there is still some concern related to the soil. It appears some of the kerosene leaked so

it, too, will need to be addressed, Richards said. Soil samples were taken the same day as the tank removal — June 26 — and sent to a lab for confirmation. He said removal of the soil will begin before the test results get back. The contamination appears to be limited, he stressed. The contaminated soil will be dug out and put on plastic, he said. It will then be shipped to a separate location to be burned. The contaminant is burned out of the soil, he added. He said he was looking for the closest facility to get that part of the process completed. Total cost of the tank removal and addressing the soil contamination and how it will be paid for is unknown at this time. The entire process will be reviewed once complete.

<http://mohavedailynews.com/articles/2013/07/05/news/local/doc51d66c3d327d6681420441.txt>

### USA, N.H, SALERM, JULY 6 2013. NH FAMILY TRYING TO LIVE IN HOME AFTER FUEL SPILL

It's been a long struggle, but a family in Salem, N.H., says they're on their way to getting their home back in shape after their basement was flooded by more than 230 gallons of heating fuel in 2007. A contractor is starting to demolish the basement of the Demers family. Michael Demers and his mother, Suzanne Demers, were forced to move into a mobile home set up on their front lawn because the house reeked of oil. The Eagle-Tribune reports (<http://bit.ly/19YzLxQ>) the family said an employee from Haffner's fuel company overfilled their tank. A jury cleared the Lawrence company of negligence following a weeklong civil trial in 2011. Haffner's said the home had a faulty tank and piping. Michael Demers said the legal battle has exhausted his 69-year-old mother's assets and they are having a tough time coming up with the thousands of dollars needed to fund the work. He said several contractors are donating labor and materials. The town When the Zoning Board of Adjustment recently granted



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the Demerses their sixth extension to fix the problems and get rid of the mobile home. The board decided the family must report the progress being made each month. Demers said he's fine with the decision. He said he just needs until the end of the year to pour a new concrete foundation and do other work needed to live in the home again. "We are just trying to get it livable," he said. "We would like to finally be home for Christmas after six years of this."

**Related Stories** [Salem Family can Live on Oil-Contaminated Land >> Problems at Oil-Contaminated Site Started in 2007](http://www.boston.com/news/local/new-hampshire/2013/07/05/family-trying-live-home-after-fuel-spill/cGhPxy9Qpk0p6erX9QtchN/story.html)  
<http://www.boston.com/news/local/new-hampshire/2013/07/05/family-trying-live-home-after-fuel-spill/cGhPxy9Qpk0p6erX9QtchN/story.html>

### USA, KY, LOUISVILLE, JULY 6 2013. WORK CONTINUES TO NEUTRALIZE CHEMICAL AFTER HYDROCHLORIC ACID SPILL AT DUPONT PLANT

erica peterson

 **Watch the Video's:**

- [Dangerous Chemical Continues to Leak at Dupont Plant](#)
- [Chemical Leak at Rubbertown Plant Stopped](#)



Work is still ongoing to neutralize hundreds of thousands of gallons of a dangerous chemical at DuPont Louisville's plant, after an equipment malfunction led to a leak yesterday. DuPont officials say it seems a faulty flange on a 500,000 gallon tank of hydrochloric acid caused the leak. About 1500 pounds of the chemical was released into the air and onto the ground, and those living within a mile of the plant were told to shelter-in-place yesterday evening. Now, crews are working to neutralize the chemical and remove it, a process that could take up to two days. Officials say the shelter-in-place was a precaution, and they don't believe any hydrochloric acid left the plant. Even so, this leak is only the latest chemical emergency in the Rubbertown area, and nearby residents live with the constant worry of spills, leaks and explosions. The plant is in Councilwoman Attica Scott's district...along with many other chemical

companies and a coal-fired power plant. Scott says the city needs to take action to show these residents that they aren't forgotten. "People in neighborhoods far too often feel like they are disposable people, that they live in throwaway neighborhoods, because they carry such a heavy burden with these kinds of environmental justice issues, from coal ash at the LG&E Cane Run Plant, to 19 chemical companies along the Rubbertown corridor," she said. Scott says the current situation isn't sustainable. "It's a heavy burden for folks to carry, and they feel like they're often ignored," she said. "When something like this happens, they should hear us as elected officials crying out, and getting to the point where we no longer are crying out, but we're taking real action." Scott says ultimately, society will have to wean itself off chemical dependency so toxic substances won't have to be used at the plants. She plans to facilitate a conversation between the mayor and concerned residents soon.

<http://wfpl.org/post/work-continues-neutralize-chemical-after-spill-dupont-plant>

### USA, ARK, NORTH LITTLE ROCK, JULY 6 2013. STATE, FEDERAL AUTHORITIES FILE JOINT COMPLAINT AGAINST EXXONMOBIL

janelle lilley

 **Watch the Video** [State, Federal Authorities File Joint Complaint Against ExxonMobil](#)



State and federal authorities have filed a joint complaint against ExxonMobil in federal court. The complaint starts with the [rupture of the Pegasus Pipeline](#) in Mayflower on March 29, but Arkansas Attorney General Dustin McDaniel also claims Exxon is illegally storing hazardous waste, further endangering the Arkansas environment. "Exxon has stored its waste at a site on Highway 36 in Conway improperly and illegally and without seeking a permit from the state," McDaniel said in a Thursday press conference. He's referring to frac tanks where hazardous waste from the Mayflower oil spill is being stored. The Department of Environmental Quality says they sent a letter to ExxonMobil at



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the beginning of May warning of the violation and asking them to move the waste to an adequate facility. McDaniel said the company did nothing. "To store this material without following the law in advance and then not to remove it after being demanded to do so, we felt was particularly concerning and should be included in this litigation." The pipeline rupture spilled an estimated 5,000 barrels of oil and forced the evacuation of more than 20 homes. Some nearby residents [have sued the company](#). The spill's center was near Lake Conway and more than 200 birds, mammals and turtles [had to be cleaned](#) by volunteers. McDaniel, the U.S. attorney general, the Arkansas Department of Environmental Quality and the EPA all signed onto the complaint. "I also hope that by coming together in a single lawsuit, Exxon understands how serious this situation is to both the United States and to Arkansas," said U.S. Attorney Christopher Thyer. ExxonMobil spokesperson Aaron Stryk told Channel 7 News in a written statement Thursday afternoon, "We are aware of the filing; however, we have yet to review the allegations and have not been formally served with the complaint. That said, we will continue to cooperate with all federal, state and local agencies." If authorities win their lawsuit, Exxon could end up paying \$25,000 for every day since May that it has not complied with Arkansas' demand that the waste be moved. Thursday's complaint means five total lawsuits have been filed in the aftermath of the oil spill. Click the name of those who filed in the list below to read their respective lawsuits in their entirety.

- [Faulkner County business owners](#)
- [Class Action Suit by Rudy & Betty Webb \(property owners\)](#)
- [Class Action Suit by Kathryn Chunn & Kimla Greene \(property owners\)](#)
- [Class Action Suit by Mayflower residents](#)
- [State & Federal joint lawsuit filed Thursday](#)

<http://www.katv.com/story/22583457/adeq-ag-file-joint-complaint-against-exxonmobil>

#### USA, KY, LOUISVILLE, JULY 6 2013. METRO EMPLOYEES CLEAN UP "ILLEGAL AND DANGEROUS" FIREWORKS

 [Watch the Video Warning About Dangers of Fireworks](#)



*The fire department says there were 28 firework runs Thursday night -- and there would have been more if it wasn't raining in Jefferson County.*

Illegal and dangerous. That's what the Louisville Fire Department is calling some fireworks that were used in Jefferson County last night. On Friday morning, Metro Parks employees were raking up debris in Petersburg Park, where fire officials say illegal fireworks were used. The fire department says there were 28 firework runs last night -- and there would have been more if it wasn't raining in Jefferson County. Kentucky state law allows the sale of most fireworks, but it also allows cities and counties to ban the sale if they choose. Authorities say fireworks that shoot in the air or explode are illegal in Jefferson County. That

includes firecrackers, roman candles and bottle rockets. Legal fireworks include fountains and sparklers. Despite that, people still lit those illegal fireworks until the early morning hours. Fire crews know they will continue over the weekend, but remind residents that fireworks must be 200 feet away from homes or other structures. You have to be 18 years old to light fireworks in Kentucky and Indiana. If they injure someone or start fires, you can face charges. "There were extraordinary things that we heard last night that, typically, we haven't ever heard before," said Maj. Henry Ott. "They are even larger than what is on Thunder over Louisville, for instance. When you get those type devices, there is all kind of things that can go wrong." Sharon Horton walks at Petersburg Park a lot and is seeing the big mess. She says, "I think people had been in all day and just wanted to get out and have fun." There was so much fireworks debris at the park, that Metro Parks had already unloaded one entire truck full of fireworks remnants. They had to come back and fill up another truck. Major Ott says people often won't be charged with violating the city's fireworks ordinance, but instead could face more serious charges like wanton endangerment or arson. Ott says, "You've got all these devices that are illegal that can cause fires and people think it's funny to shoot at each other or fire it at neighbor's house." Back at Petersburg Park, crews finished the first half of the park by mid-day, but say it will take hours just to pick the rest of the debris up. Horton says, "It was a lot. But they came and cleaned it up, so that's what counts. It is a lot."

<http://www.wdrb.com/story/22767505/metro-employees-clean-up-illegal-and-dangerous-fireworks>



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#### PERU, LOBITOS, JULY 6 2013. OIL SPILL LEAVES 200 BARRELS IN PERUVIAN OCEAN

*emily culver*



*The beaches of Lobitos were the most affected by a broken tube in an oil transport.*

A broken tube in Savia Peru's oil transport caused a spill of approximately 200 barrels of crude oil in the ocean in Piura, right in front of Punta Lobos and Bateria Primavera beaches in Lobitos. Savia Peru is one of the country's top hydrocarbon companies. According to Gestión, Savia Peru's total sales added up to \$88.3 million from January to March of this year. Its latest project is a duct for transporting natural gas in Piura that has a \$48.3 million value. State oil company PetroPeru and the Marines sent some agents to the port to attend to the emergency around mid day yesterday. The oil spill was under control about two hours later. The oil spill affected over 3,000 meters of ocean, although a full study of the effects on the ecosystem has yet to be completed. Savia Peru has come out with a statement, promising to clean up the spill and assess the

environmental damage. It is currently coming up with an appropriate contingency plan to deal with the accident. "Savia Peru reiterates its responsibility to care for the environment and the responsibility it has towards activities in the region" a representative told El Comercio.

<http://www.peruthisweek.com/news-oil-spill-leaves-200-barrels-in-peruvian-ocean-100307>

#### INDIA, LAHORE, JULY 6 2013. LHC DECLARES CNG PUMPS IN RESIDENTIAL AREAS ILLEGAL

*Court orders immediate closure of a pump in the Allama Iqbal Town.*



The Lahore High Court on Friday declared CNG stations in residential areas illegal, Express News reported. The court was hearing a petition against such pumps established in the residential areas. The LHC also ordered immediate closure of a pump in the Allama Iqbal Town, as it was mentioned in the petition. The presiding judge during today's hearing said that under the Lahore Development Authority Act, 1975, and the Local Government Ordinance, 2001 commercial activities could not be carried out in residential areas. Earlier in Islamabad, the Oil and Gas Regulatory Authority (Ogra) issued show cause notices to over 1,000 CNG station operators, asking them to justify why they have set up outlets in residential areas.

<http://tribune.com.pk/story/572883/lhc-declares-cng-pumps-in-residential-areas-illegal/>

#### USA, AZ, PHOENIX, JULY 6 2013. MINOR BLAST REPORTED AT PALO VERDE NUCLEAR PLANT



*Palo Verde nuclear plant: The Palo Verde Nuclear plant suffered a minor scare Thursday following a minor explosion, but plant officials believe the plant will be back to normal by late Friday.*

A reactor unit at the Palo Verde Nuclear Generating Station in Arizona was nearly back to full production Friday after what its operator described as a minor explosion in a cabinet that held electrical switching gear. Arizona Public Service Co. reported the Tuesday night incident as an "unusual event," the lowest of four emergency levels classified by the federal Nuclear Regulatory Commission. The company and an inspector with the regulatory commission said no radioactive material was released. Palo Verde's Unit 1 automatically reduced its power production to 60 percent but started ramping back up Thursday, reaching 95 percent by early Friday afternoon. APS spokesman Betty Dayyo said the

explosion consisted of arcing inside a cabinet, called a "load center," that routes electricity to equipment in a turbine building. "This is really a minor incident," said Dayyo, adding the cause was under investigation. Palo Verde's own fire department



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responded but found no fire, APS said. Arizona, California, New Mexico and Texas utilities own the three-reactor plant, 50 miles west of downtown Phoenix. John Reynoso, the Nuclear Regulatory Commission's senior on-site inspector for Palo Verde, said he went to the plant right after the evening incident and inspected the load center. He said it was blackened by an apparent flash-over but said he saw no immediate indication of shortcomings that would indicate a broader problem. NRC inspectors will monitor the operator's investigation, Reynoso said. "We're real interested in how they learn from this." APS and another Arizona utility, the Salt River Project, own the plant along with Public Service Co. of New Mexico, El Paso (Texas) Electric Co, Southern California Public P

[http://www.eastvalleytribune.com/arizona/article\\_7a33d17a-e5d2-11e2-98bd-001a4bcf887a.html](http://www.eastvalleytribune.com/arizona/article_7a33d17a-e5d2-11e2-98bd-001a4bcf887a.html)

### USA, CO, DENVER, JULY 6 2013. OIL AND GAS RESPONSIBLE FOR 75 PERCENT OF COLORADO'S AIR POLLUTION VIOLATIONS IN FIRST QUARTER 2013

bobby magill



*An oil pump in the Hearthfire subdivision north of Fort Collins pumps in a small park last month. This pump recently had a oil spill spill.*

Nearly 75 percent of Colorado air pollution enforcement cases during the first quarter of 2013 were oil and gas-related.

Of the 98 air pollution enforcement cases the Colorado Air Pollution Control Division, or APCD, handled in January, February and March, 73 involved oil and natural gas production, exploration or transmission companies, a Coloradoan analysis of the quarterly air quality enforcement summary report shows. Most of the state's enforcement actions against oil and gas companies involved emissions and reporting violations. Of the 12 penalties the state assessed against air quality regulations violators, nine were levied against oil and gas companies. One of those penalties was assessed against Great Western Oil

and Gas for air quality violations at an oil well tank battery in Severance. The penalty totaled \$22,400 for a violation of the Air Pollution Control Division's Regulation 7, which regulates emissions of volatile organic compounds and nitrogen oxides. The APCD responded to a complaint from a nearby resident last October and launched an investigation into possible emissions violations at the tank battery behind several Severance homes. Great Western, which did not return calls Friday seeking comment, was penalized because of its "failure to minimize emissions," APCD spokesman Christopher Dann said. The settlement Great Western reached with the state said the company failed to install adequate air pollution control equipment on the tank battery. Of APCD's enforcement actions for the quarter, 36 involved Regulation 7 violations. That regulation is currently being considered for revision, part of the state's efforts to strengthen air quality regulations pertaining to oil and gas development. The revision is scheduled for a public hearing before the Colorado Air Quality Control Commission in August. Enforcement actions unrelated to oil and gas in the first quarter of the year include emissions violations by the Lamar Utilities Board, the city of Glenwood Springs, and the Oxbow coal mine in western Colorado; permit violations at Public Service Co.'s Yosemite Station; and, among other enforcement actions, a stack test violation at the MillerCoors brewery in Golden.

[http://www.coloradoan.com/article/20130705/NEWS01/307050031?nclink\\_check=1](http://www.coloradoan.com/article/20130705/NEWS01/307050031?nclink_check=1)

### USA, CA, SIMI VALLEY, JULY 7 2013. CALIF. FIREWORKS EXPLOSION DEEMED "INDUSTRIAL ACCIDENT"

 **Watch the Video:** [Fireworks Explosion Deemed "Industrial Accident"](#)

Investigators are still trying to determine why a Fourth of July fireworks display went wrong near Los Angeles, injuring 39 people. The Morales family was front row at the Simi Valley, Calif., show when fireworks started flying toward them. Victor Morales Jr. recalled that moment: "We all flew back. I kid you not. I was lying on my back!" An annual tradition, they camped out since Tuesday to get the closest spot and invited other families. They had 40 people total, many of them children. Their brother Daniel is still recovering. A family member said he has stitches in the center of his nose and the explosion narrowly avoided his eyes. Lorenzo, 12, spent the night in the hospital for burns and scrapes. The blanket he'd been sitting on was singed. The Ventura County Fire Department has ruled this an industrial accident. Ventura County Fire Capt. Mike Lindberry said, "We've unloaded the mortars. We have broken down all mortar casings and loaded them into vehicles. They'll be transported back to the vendor." The vendor is Bay Fireworks out of New York with a clean record since 1984. Dennis Brady, chief executive officer of the company, spoke to us by phone and expressed his condolences to the victims and said they are



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## Dangerous Goods - Hazardous Materials Group & Network Release 2013 – 981 Newsy Stuff

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examining what went wrong. Brady said via phone, "From watching the video, it does appear that one shell started this chain reaction by detonating in the gun." Gabriela Morales said, "It should have been safe all along, but we will go, we will still attend next year. No, we're not going to break tradition just because of this." State fire code requires that in a case like this spectators are kept 350 feet away from the launch site. Investigators say at this point it appears that code was followed. The state fire marshal is expected to take over the investigation and arrive in Simi Valley on Tuesday.

[http://www.cbsnews.com/8301-505263\\_162-57592511/calif-fireworks-explosion-deemed-industrial-accident/](http://www.cbsnews.com/8301-505263_162-57592511/calif-fireworks-explosion-deemed-industrial-accident/)

### CANADA, QUE, LAC MÉGANTIC, JULY 7 2013. ONE DEAD AS TRAIN EXPLODES IN LAC-MÉGANTIC, QUEBEC FORCING RESIDENTS TO FLEE

*allan woods, paul hunter & eric andrew-gee*

#### **Watch the Video's:**

-  [Déraillement de train à Lac-Mégantic](#)
-  [Derailed Train Explodes in Lac-Mégantic, Quebec](#)
-  [One Dead as Train Explodes in Lac-Mégantic, Forcing Residents to Flee](#)
-  [1 Dead after Train Carrying Oil Derails in Quebec](#)
-  [Canada Train Explosion: 'Everyone Knows Someone Who's Unaccounted For'](#)

 **Photo's [9]** [One Dead in Fire & Explosion, Some People Missing](#)

 **Photo's [5]** [Lac-Mégantic explosion](#)

 **Photo's [7]** [One Dead as Train Explodes in Lac-Mégantic](#)

 **Maps:** [View Large Map](#)



One person has been declared dead after a driverless freight train carrying tankers of crude oil derailed at high speed sparking multiple explosions in the centre of this Eastern Townships community early Saturday. The resulting fireball and explosions destroyed as many as 30 buildings, gutted downtown businesses and left an unknown number of people feared missing. Officials were not saying how many might be missing. Police say they can't get close enough to the site of the derailment to determine whether there are other casualties. The initial blast was so intense that Roger Beauchesne, who lives two kilometres from its centre, said when the first explosion occurred, he was standing outside and had to dive for cover behind his car to protect himself from the heat. He said there were six or eight explosions between 1:30 and 4:30 a.m., the flames reaching hundreds of metres into the air. Beauchesne said the municipal library, which is beside the railway tracks, was among the building demolished by the blasts. The owner of one downtown restaurant near the library said during a radio interview that he has been unable to contact three of his employees. Yannick Gagne, the proprietor of Musi-Café, said he left the restaurant about 20 minutes before the explosion and he could feel the heat of the flames from his home one kilometre away. Up to 1,000 people were forced to flee from their homes in the picturesque lakeside town of about 6,000 people, 250 kilometres east of Montreal. The crash happened on a beautiful summer evening and witnesses said the town centre was crowded when the 73-car train carrying crude oil flew off the rails just after 1

a.m. Four of the cars caught fire and blew up in a fireball that mushroomed 100 metres or more up into the air. Flames and billowing smoke could be seen late this afternoon. "We can still see a lot of black smoke, and lots of firefighters. This is so saddening to see," said Leonard Bedard, 80, who lives about a kilometre from site. He moved to the city a year ago with his wife so he could be closer to services due to his age. "They should never allow trains carrying that much oil to pass through towns," said Bedard. "If this had happened in the country, it would still be something, but not this big. It makes absolutely no sense, and it makes me angry." "As far as I'm concerned, you should never leave a train on the tracks for that long without a conductor inside." Bedard said that is "mostly businesses destroyed, but about 30-40 houses as well. I hope they rebuild."



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Authorities set up perimeters as firefighters battled to douse the persistent blaze which was still going despite a steady drizzle. Worried residents looked on behind the perimeters amid fears some of their friends and loved ones may have died in bars and in their homes. "We're told some people are missing but they may just be out of town or on vacation," provincial police lieutenant Michel Brunet told reporters. "We're checking all that, so I can't tell you at the moment whether there are any victims or people who are injured." A spokesperson for The Montreal, Maine and Atlantic Railway told the Montreal Gazette this afternoon that the train's conductor locked the brakes outside of town just before midnight and ensured that all the cars were secured. He then checked into a Lac Megantic hotel for the night. "Sometime after, the train got loose," said Joseph McGonigle, vice-president of marketing for the railway that owns more than 800 kilometres of track serving Quebec, New Brunswick, Maine and Vermont. "It traveled under its own inertia to the centre of the town." McGonigle said the locomotive detached about 800 metres outside the town but the cars carrying the oil kept on rolling into town. He said that there are security mechanisms in place to prevent anyone from tampering with the train and the conductor had done the proper checks before leaving the train for the night. The conductor should have been the only one who could set the train in motion. "We're not sure what happened, but the engineer did everything by the book. He had parked the train and was waiting for his relief ... somehow, the train got released," McGonigle told Reuters. "That's what confuses us. How did this happen?" he said. "There are many fail-safe modes. How this happened is just beyond us." The Transportation Safety Board of Canada is looking for the train's black box to confirm the direction and speed of the train. A former train conductor told Radio Canada that the most likely scenario is that the train was parked but its brakes were improperly applied. The massive weight of the cargo could have then possibly set the train in motion. Pierre-Luc Sevigny said it is not improbable that the could have reached speeds of close to 90 kilometres an hour. Bernard Demers, who owns a restaurant in town, had his home evacuated. "Early this morning (there was) a big explosion like an atomic bomb," he said in an interview. "It was very hot. ... Everybody was afraid." He said the area was probably bustling on a gorgeous summer night. "On a beautiful evening like this with the bar, there were a lot of people there. It was a big explosion. It's a catastrophe. It's terrible for the population." Demers has lived in Lac-Mégantic for 45 years and describes the community as a "nice town." "Everybody is very friendly... It's like a small village. A beautiful town but now it won't be the same." A Facebook group was quickly set up to help people track down loved ones who couldn't be reached by phone. A woman offering to locate people at an emergency centre set up at the local high school received hundreds of requests for help. Beauchesne said there are 160 firefighters on the scene and there's a "team spirit" in the town and "everyone is working together." Authorities are asking residents to limit their water use so firefighters have enough to douse flames. There are also five unexploded tankers that firefighters are trying to keep cool. Lac-Mégantic resident Claude Bedard described the scene of the explosions as "dreadful." "It's terrible," Bedard said. "We've never seen anything like it. The Metro store, Dollarama, everything that was there is gone." "The flames in the sky were really impressive," said resident Pierre Lebeau. Another resident said it "looked like the end of the world." A large but undetermined amount of fuel also spilled into the Chaudiere River. Several neighbouring municipalities, including Sherbrooke and Saint-Georges-de-Beauce, were enlisted to help Lac-Mégantic deal with the disaster. Emergency services south of the border were also lending a hand. A fleet of fire trucks were deployed from northern Maine, according to a spokesman at the sheriff's office in Franklin County. Prime Minister Stephen Harper expressed his concern on Twitter. "Thoughts & prayers are with those impacted in Lac Megantic," he tweeted. "Horrible news." In a statement released later, Harper added: "We hope evacuees can return to their homes safely and quickly. The people of Lac-Mégantic and surrounding areas can rest assured that our government is monitoring the situation and we stand by ready to provide any assistance requested by the province." The explosions attracted worldwide media coverage, with the story trending as the most popular international story on the BBC's website as well as featuring on other sites including Le Monde's. There have been a number of high-profile derailments of trains carrying petroleum products recently, [including one in Calgary, Alberta, last week when a flood-damaged bridge sagged toward the still-swollen Bow River](#). The derailed rail cars were removed without spilling their cargo.

#### Related Stories

-  Toronto Star [train explodes in Lac-Mégantic, Quebec forcing residents to flee](#)
-  CBC.ca [1 dead, many missing after Quebec train blasts](#)
-  Calgary Herald [Train carrying crude oil rolls away, derails, explodes in Lac Mégantic](#)
-  Vancouver Sun [Quebec train derailment: 1 dead in fire and explosion, people missing](#)
-  Maclean's [One person dead, others reported missing after explosions in Quebec](#)

[http://www.thestar.com/news/canada/2013/07/06/train\\_explodes\\_in\\_lacmgantic\\_quebec\\_forcing\\_residents\\_to\\_flee.html](http://www.thestar.com/news/canada/2013/07/06/train_explodes_in_lacmgantic_quebec_forcing_residents_to_flee.html)



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