

# Fossil & Nuclear News

by TidewaterCurrent

Part of Environment



## New Report Finds Va. Loses Money With Coal Industry Tax Breaks

wamu



**TidewaterCurrent** "Virginia pays a net amount of about \$22 million to the coal industry every year...The figure takes into account all taxes the industry pays to the state"

January 14, 2013



## Coal Loses Crown As King Of Power Generation : NPR

npr



**TidewaterCurrent** "The dramatic and swift shift away from coal at Georgia Power is part of a nationwide trend: After decades in which coal was king of electricity generation, natural gas is making a bid for the title. And it's scoring big, unexpected wins in places like Georgia, where coal was especially dominant."

January 14, 2013



## New Yorkers Deliver Unprecedented 200K+ Comments on Cuomo's Fracking Rules

ecowatch



**TidewaterCurrent** "New Yorkers and organizations opposed to fracking—including Yoko Ono and Sean Lennon of Artists against Fracking—delivered an unprecedented 200,000-plus public comments to the state's DEC"

January 17, 2013



## Virginia Survey: Businesses split 50-39% on uranium ban

hamptonroads



**TidewaterCurrent** 1.16.13 - "The research firm ORI of Herndon collected responses from 652 Virginia business representatives and seven regional and out-of-state site location consultants about allowing uranium mining in Pittsylvania County.... About half - 50.3?percent - want the ban to remain, 39?percent favor lifting the moratorium, and 10.7?percent said they don't know." A study conducted by the National Academy of Sciences cited safety concerns but did address whether the ban should be lifted.

January 17, 2013



## Mercury Emissions Threaten Aquatic Environments: Scientific American

scientificamerican



**TidewaterCurrent** New research indicates that mercury (mainly from coal burning) moves up the food chain very quickly and "scientists warn that ongoing emissions are more of a threat to food webs than the mercury already in the environment."

January 19, 2013



## Cuccinelli and Dominion Move to Repeal Virginia's Clean Electricity Standard

chesapeakeclimate



**TidewaterCurrent** "The Dominion-Cuccinelli proposal is a radical move that clean energy advocates statewide described as out of step with mainstream voters, a claim supported by recent polling. Dominion Power continues to declare its overwhelming commitment to combusting dirty energy to meet the state's future energy needs. In its most recent 15-year plan, Dominion said it still expects to generate the majority of its power for utility customers by burning fossil fuels, like coal and gas, in 2027. ...The company stated an astonishingly small 3.9 percent as its expected generation from clean, renewable energy sources in that year."

January 15, 2013



## Va. legislative panel endorses step toward uranium mining

hamptonroads



**TidewaterCurrent** 1.7.13 - "Astate legislative commission has recommended that Virginia develop regulations for uranium mining, an initial victory for a company that hopes to mine a large uranium deposit in rural Pittsylvania County."  
January 8, 2013



## Ontario Phases Out Coal-Fired Power: Scientific American

scientificamerican



**TidewaterCurrent** "All the provinces coal-burning power plants will be shuttered by 2014, making the Canadian province the first coal-free jurisdiction in North America"  
January 14, 2013



## Pictures: Centralia Mine Fire, at 50, Still Burns With Meaning

news.nationalgeographic



**TidewaterCurrent** 1.8.13 - "The Centralia blaze, still burning more than 50 years after it began, ranks as the worst mine fire in the United States. But it is by no means the only one. More than 200 underground and surface coal fires are burning in 14 states, according to the U.S. Department of Interior's Office of Surface Mining Reclamation and Enforcement."  
January 14, 2013



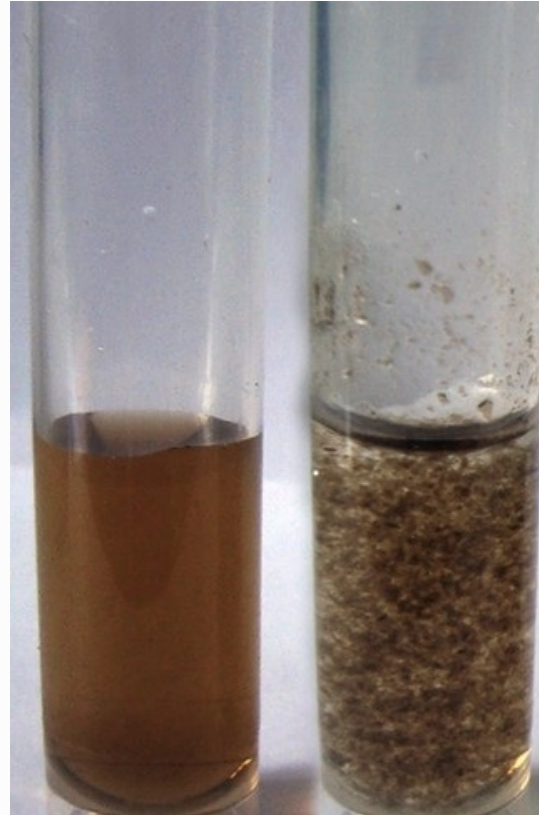


## McDonnell looks to eliminate gas tax (in Virginia), increase sales tax for transportation funding

articles.dailypress



**TidewaterCurrent** The petroleum industry must be happy with this plan. But it doesn't make sense. It seems the state would lose a lot of revenue generated from out of state drivers just passing through or vacationing here. A tax on alternative fuel vehicles is fair if its extended to all vehicles (which doesn't seem to be the case as there is no more gas tax). The people using the roads should be paying for them  
January 9, 2013



## Graphene oxide causes radioactive material to "clump" out of water

gizmag



**TidewaterCurrent** 1.12.13 - Radioactive water can be treated with graphene oxide which causes radionuclides to clump together for faster and easier removal.  
January 14, 2013



## Showdown at San Onofre

huffingtonpost



**TidewaterCurrent** "The fiasco at San Onofre is being replayed at rust bucket reactors throughout the U.S. Progress Energy poked some major new holes into the containment at the Crystal River reactor it was allegedly fixing. Nebraska's Ft. Calhoun has been flooded. An earthquake hit Virginia's reactors with seismic forces that exceeded design specifications. In Wisconsin, Kewaunee's owners will shut it for economic reasons. A new study shows Vermont Yankee, under intense attack from a grassroots citizens' upheaval, has major economic benefits to gain from shutting down. Elsewhere around the U.S., technical and economic pressures have the industry on the brink. Meanwhile, the conversion to green power in Germany is booming. When 8 reactors were shut and the conversion to wind, solar and...

January 9, 2013



## EPA fracking study may dodge some tough questions

capitalgazette



**TidewaterCurrent** EPA conducts fracking study. Includes link to a progress report released in December. The final study will not be completed until 2014.

January 7, 2013



## New anti-uranium mining group formed 2 day before General Assembly

www2.wsls



**TidewaterCurrent** 1.7.13 - "CommonHealthVA.org made its debut Monday. Its organizers say it represents more than 50 municipalities and groups. They include the cities of Norfolk and Virginia Beach, the Southern Environmental Law Center and other groups that have previously stated their opposition to uranium mining."

January 7, 2013



## Hampton Roads lawmakers mine uranium debate

hamptonroads



**TidewaterCurrent** 1.7.13 - "A clash three decades in the making arrives as an array of pro- and anti-mining interests descend on the State Capitol to persuade lawmakers to side with them in a policy battle that could redefine Virginia for years to come."

January 7, 2013



## Surprise: Shell's rig ran aground in Alaska because the company was trying to avoid taxes

grist



**TidewaterCurrent** "From Alaska Dispatch: A Shell spokesman last week confirmed an Unalaska elected official's claim that the Dec. 21 departure of the Kulluk from Unalaska/Dutch Harbor involved taxation. City councilor David Gregory said Shell would pay between \$6 million and \$7 million in state taxes if the Kulluk was still in Alaska on Jan. 1."

January 7, 2013



## Danville City Council Unanimously Votes Against Uranium Mining

wset



**TidewaterCurrent** 1.3.12 - "Their resolution also states that they are against any current efforts to begin writing regulation to control uranium mining."

January 4, 2013



## There's No Uranium in Our Water. Let's Keep It That Way.

commonhealthva



**TidewaterCurrent** Includes info lifting the ban on uranium mining in Virginia and links to legislators to show support.

January 4, 2013



## 2013: Ground Zero for Fracking

huffingtonpost



**TidewaterCurrent** 1.3.12 - Colorado - "the people of Longmont turned to the Ballot Box and put the question to the Longmont voters. Against enormous political pressure, the people of Longmont won, and now the industry-funded Colorado Oil and Gas Association (COGA) is suing the city over the voter-approved ban. This is ground zero because this fight pits establishment politicians, even Democrats, aligned with the Oil and Gas industry, against the people who live in the communities who are endangered by fracking. If the Colorado Oil and Gas Industry wins their lawsuit it will most likely be appealed to Federal court or even to the Supreme Court."

January 4, 2013



## BP settlement over Deepwater Horizon oil spill approved by federal judge

guardian.co.uk



**TidewaterCurrent** 12.22.12 - "Company estimates it will pay \$7.8bn to 100,000 people and business who lost money because of April 2010 well blowout"  
December 24, 2012

## Know Where It's Coming From



## EIP "TOXIC 10" REPORT: POWER PLANTS EMITTING MOST MERCURY ACCOUNT FOR NEARLY A FIFTH OF ALL SUCH POLLUTION

investorideas



**TidewaterCurrent** "Even though mercury and other hazardous air pollution from U.S. power plants are declining, the progress at the coal-fired power plants are uneven, leaving in place a significant remaining risk to the health of the public and environment, according to a new report by the Environmental Integrity Project (EIP)."  
January 3, 2013



## Water for uranium: A Faustian bargain at Wyoming ranch?

csmonitor



**TidewaterCurrent** Interesting read about the uranium mining history at one Wyoming ranch and the politics involved. While the mining companies promise to restore ground water to pre-mined quality, one rancher discovers that there may not be any water left when they are done. Moreover, the EPA has issued "aquifer exemptions" in the past for resources that were considered too deep, that now, especially considering drought conditions, are more economically viable.

January 4, 2013



## Shell Oil Rig Runs Aground in Alaska

nytimes



**TidewaterCurrent** "The 266-foot diameter rig ran aground on the east coast of Sitkalidak Island, an uninhabited island that is separated by the Sitkalidak Strait from the far larger Kodiak Island to the west. The nearest town, Old Harbor, is across the strait on Kodiak Island; it has a population of about 200 people."

January 2, 2013



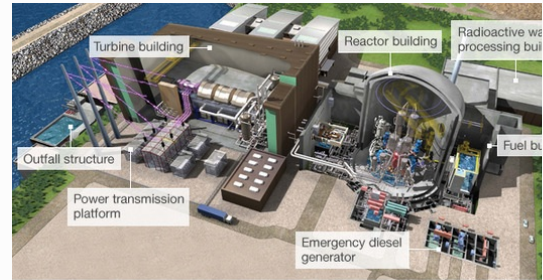


## Keystone XL Will Not Use Advanced Leak Detection | Climate Central

climatecentral



**TidewaterCurrent** "Tar sands crude requires an enormous amount of energy and water to mine and process — making it up to 80 percent more carbon-intensive than conventional crude. NASA climatologist James Hansen calls development of tar sands "game over" for the climate." And it appears that technologies to safeguard our water supply are not being incorporated into the system. "The leak detection technology that will be used on the Keystone XL, for instance, is standard for the nation's crude oil pipelines and rarely detects leaks smaller than 1 percent of the pipeline's flow. The Keystone will have a capacity of 29 million gallons per day—so a spill would have to reach 294,000 gallons per day to trigger its leak detection technology." January 3, 2013



## New nuclear plant design unveiled

bbc.co.uk



**TidewaterCurrent** "The design for the first UK nuclear power stations to be built for 25 years has been granted approval."

December 18, 2012



## Oil Spill Threatens Bird Sanctuary Off Staten Island

cityroom.blogs.nytimes



**TidewaterCurrent** "The Coast Guard has not yet determined how much oil had leaked from the tank or what caused the leak."

December 19, 2012



## Suit Seeks to Overturn a City Drilling Ban in Longmont, Colorado

nytimes



**TidewaterCurrent** "An industry group representing oil and gas companies has sued a city in Colorado that outlawed hydraulic fracturing, saying voters had no right to ban the drilling practice."

December 19, 2012



## Nuclear Power – Why Thorium Is Much Better Than Uranium

greenerideal



**TidewaterCurrent** "A molten-salt reactor does not require massive amounts of pressure compared to water-cooled reactors. If anything goes wrong, at least you don't have to deal with water at 1000 atmosphere pressure and 300 degrees that goes out of control. Much less radioactive. Thorium and its waste products are more than 1000 times less radioactive than uranium's. This is a major advantage when it comes to storing, transporting and handling the fuel and waste. Abundant. The thorium reserves have been estimated to be about 3 times as much as uranium, meaning it could supply us for many decades into the future."

December 20, 2012



## American Rivers | Feeling The Heat On Uranium Mining In Virginia

americanrivers



**TidewaterCurrent** 12.21.12 - Details the many organizations and municipalities that support keeping the ban. "If you are a resident of Virginia, tell your legislator that you care too much about the Roanoke River and the water it supplies to thousands of area residents to allow the ban on uranium mining to be lifted! Also, you can sign this petition from Keep The Ban to retain the momentum on this important issue. If you would like to have more information before forming your own opinion on this issue, Keep The Ban has compiled a list of scientific studies to examine the issue of uranium mining in Virginia."

December 21, 2012



## What Does \$8 Billion in Oil Subsidies Buy?

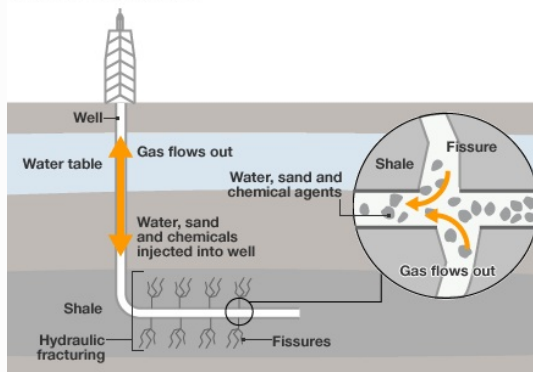
switchboard.nrdc



**TidewaterCurrent** "The fiscal cliff is fast approaching — and there's a relatively simple way for Congress to raise some needed revenues, help the environment and satisfy taxpayers: Ending oil subsidies will help pay down the deficit by making oil companies pay their fair share." - Documentation info included in the post.

December 19, 2012

## Shale gas extraction



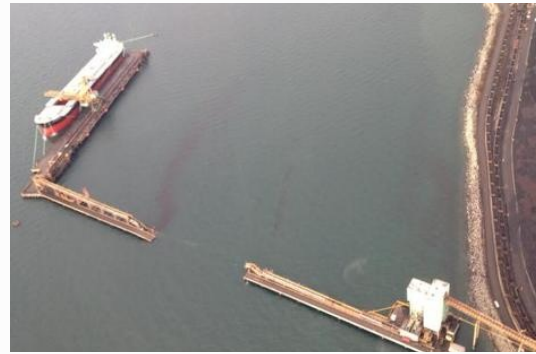
## Fracking: Untangling fact from fiction

bbc.co.uk



**TidewaterCurrent** Objective review of the industry and technology. Covers seismic and waste water treatment issues.

December 18, 2012



## Westshore Terminals spends weekend cleaning up coal after ship crash

metronews.ca



**TidewaterCurrent** 12.9.12 - "The accident appeared to release a "substantial plume of coal dust into the ocean," Washbrook said according to a CKNW News Talk 980 photo. "Coal dust is a toxic substance containing heavy metals such as lead, arsenic and mercury.""

December 10, 2012



## TO THE HONORABLE LEGISLATORS OF VIRGINIA

vancnews



**TidewaterCurrent** 12.12.12 - Pittsylvania County resident notes "if a uranium mill managed not to pollute groundwater, it would be the first time... Of the 52 mill sites in the U.S. (of which only one, in Blanding, Utah, is currently active), all 52 have led to ground- water contamination..."

December 12, 2012



## Senator to introduce legislation to lift 30-year uranium ban

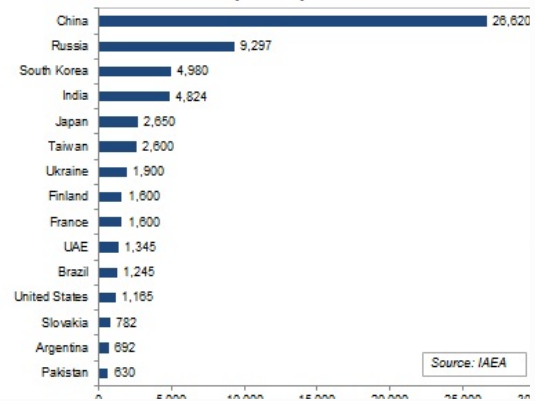
wpcva



**TidewaterCurrent** 12.5.12 - "State Sen. John C. Watkins (R-Midlothian) said Monday he will introduce legislation in 2013 to lift Virginia's 30-year ban on uranium mining.....Pittsylvania County (where a proposed mine is planned) Board of Supervisors members Jessie Barksdale, Marshall Ecker, and Jerry Hagerman, who pushed for a permanent ban on uranium mining, were dismayed by Watkins' announcement."

December 5, 2012

Nuclear Electricity-Generating Capacity Under Construction by Country as of December 2012



## World Nuclear Electricity Generation Down 5 Percent Since 2006

ewwind.es



**TidewaterCurrent** "World nuclear electricity-generating capacity has been essentially flat since 2007 and is likely to fall as plants retire faster than new ones are built. In fact, the actual electricity generated at nuclear power plants fell 5 percent between 2006 and 2011."

December 17, 2012



## Farm lobby wants Virginia uranium ban to stay

hamptonroads



**TidewaterCurrent** 11.29.12 - "The Virginia Farm Bureau Federation is backing the continuation of the state's 30-year ban on uranium mining, concluding that the mining and milling of the radioactive ore is a threat to Virginia's multibillion dollar agricultural industry."

November 29, 2012





## Why is the Fracking Industry Worried Sick Over Promised Land?

ecowatch



**TidewaterCurrent** "Across the U.S., dozens of cities and towns have already passed local bans or moratoriums. And courts have so far upheld the right of many communities to control if and how fracking is conducted in their locale. This is the true nightmare for an industry long-accustomed to getting its way with state-level legislators and regulators."  
December 11, 2012

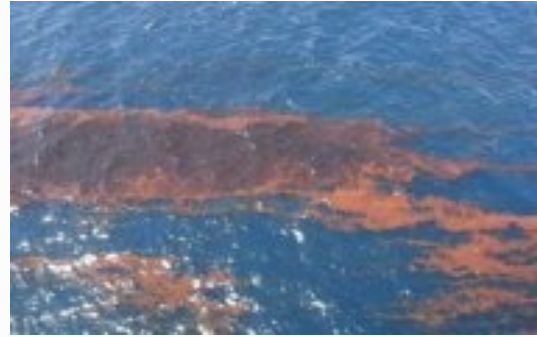


## Fracking threatens farms and food safety

grist



**TidewaterCurrent** 11.29.12 - "Around the country, farmland near fracking sites is being contaminated and livestock are getting sick and dying."  
December 3, 2012



## Dispersant Makes Oil 52 Times More Toxic

news.yahoo



**TidewaterCurrent** 11.30.12 - Study indicates that dispersant like those used after the spill in the Gulf of Mexico mix with crude oil to break it down but ultimately make a concoction more toxic to the planktonic food chain.  
December 3, 2012



## Fukushima inspires safety features for Georgia nuclear reactors - CNN.com

cnn



**TidewaterCurrent** The builders of the first new nuclear reactor project in many years learned a lot from Fukushima. "They include the reactors' not needing electrical power to shut down safely and relying less on pumps and valves and more on natural heat."  
December 2, 2012



## Report: Va. uranium regulation could cost \$5M a year

hamptonroads



**TidewaterCurrent** 12.1.12 - Study released that defines the regulatory framework needed to allow uranium mining. Program would cost \$5 million/yr to operate. Numerous groups including farmer, environmental and county associations are against lifting a state ban on uranium due to environmental concerns.

December 1, 2012



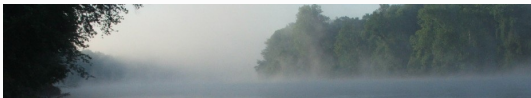
## Colorado officials question link of fracking-waste disposal to quakes

denverpost



**TidewaterCurrent** 12.4.12 - "AUSGS team based in Menlo Park, Calif., found that the quake in Colorado and a damaging 5.6-magnitude quake in Oklahoma both were induced by disposal of fracking waste underground."

December 5, 2012



## Virginia Uranium Mining Moratorium Supported in Resolution by Va. Assoc. of Counties at Nov. 2012 Conference

vawatercentralnewsgrouper.wordpress



**TidewaterCurrent** "the Virginia Association of Counties' (VaCo) environmental and agricultural steering committee passed a resolution urging the Virginia General Assembly to maintain the Commonwealth's 1982 moratorium on uranium mining,"

November 20, 2012



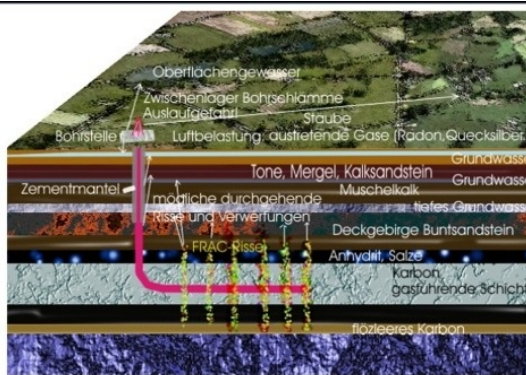
## Floridians Take Action Opposing Nuclear Tax - CleanEnergy Footprints

blog.cleanenergy



**TidewaterCurrent** 11.6.12 - Despite the public outcry, the Public Service Commission unanimously approved nuclear plant construction costs that utilities will pass onto its customers in 2013 for proposed plants.

November 27, 2012



Gasbohrung mit "Hydraulic fracturing"

## SUNY Buffalo Is Shutting Down Controversial 'Fracking' Institute Over Credibility Concerns

cleantechnica



**TidewaterCurrent** 11.22.12 - "There have been growing concerns about the influence of corporate money in academic research, especially now that government grants are declining."

November 22, 2012



## Bay Daily: Fracking's Dramatic Impact May Soon Be Seen in Chesapeake Bay

cbf.typepad



**TidewaterCurrent** Dominion is seeking permission to renovate the Cove Point natural gas terminal in Calvert County, MD to export LNG. Environmentalists are concerned that the facility would encourage more hydraulic fracturing in the region.

November 29, 2012



## Norway ringing in thorium nuclear New Year with Westinghouse at the party | SmartPlanet

smartplanet



**TidewaterCurrent** 11.23.12 - "The four-year test at Norway's government owned Halden reactor could help thorium inch closer to replacing uranium as a possible safer and more effective nuclear power source. Many people believe that thorium is superior because it leaves less long-lived dangerous waste, makes it far more difficult to fashion bombs, runs more efficiently, and can be made meltdown proof." The test reactor is also providing steam for a paper mill.  
November 23, 2012



## TALLAHASSEE, Fla.: Florida regulators approve nuclear power rates - Florida Wires - MiamiHerald.com

miamiherald



**TidewaterCurrent** 11.26.12 - ""This is an extremely unfortunate situation for utility customers in Florida who are being forced to pay this 'nuclear tax' up front for electricity that will very likely never be produced from proposed new reactors," said Stephen Smith, executive director of the Southern Alliance for Clean Energy. The Knoxville, Tenn.-based group opposes the nuclear cost recovery law and has challenged it in the Florida Supreme Court. The justices heard oral arguments in October but have not yet ruled."  
November 27, 2012





## Al Gore: nuclear power will play 'limited role' in future energy mix

guardian.co.uk



**TidewaterCurrent** 11.16.12 - "Nuclear power will only play a limited role in the world's energy future because of its "absurdly high" cost, Al Gore said on Thursday."

November 16, 2012



## More than 1,000 new coal plants planned worldwide, figures show

guardian.co.uk



**TidewaterCurrent** Most new plants are planned in India and China and many developing countries, although they have no coal resources are building coal plants. Since 2008 coal trade has globally rebounded and rose by 13% in 2010.

November 20, 2012



## Uranium Mining Could Prompt Radioactive Debate In Richmond

wamu



**TidewaterCurrent** 11.19.12 - "Environmentalists say they are concerned about a radioactive byproduct of uranium mining known as "tailings," which they say can pollute downstream communities in the Hampton Roads area. "

November 20, 2012



## BP agrees to record criminal penalties for U.S. oil spill

reuters



**TidewaterCurrent** 11.15.12 - "BP Plc will pay \$4.5 billion in penalties and plead guilty to felony misconduct in the Deepwater Horizon disaster, which caused the worst U.S. offshore oil spill ever."

November 15, 2012



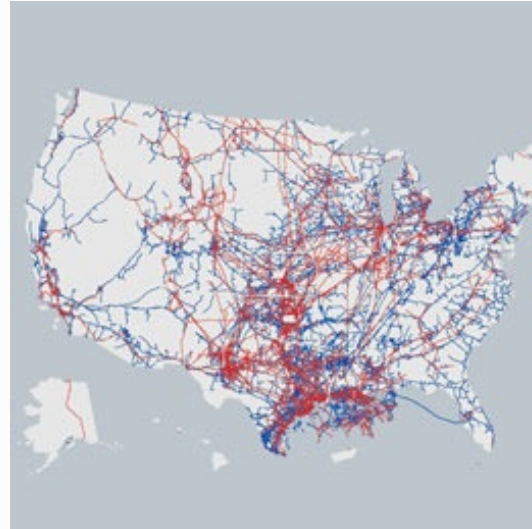


## Virginia Tries to Circumvent Obama on Drilling

nytimes



**TidewaterCurrent** 11.13.12 - "The state is trying to restore a lease sale for energy exploration that was canceled in 2010 after the BP oil spill in the Gulf of Mexico. Its efforts have made Virginia the new epicenter of a campaign by energy companies to gain a foothold in the potentially vast resources hidden beneath the Atlantic....Advocates for marine mammals have written thousands of letters and testified at public hearings, arguing that seismic surveys of the outer continental shelf would hurt endangered whales. The tests are scheduled to begin early next year."  
November 14, 2012



## How Safe Are America's 2.5 Million Miles of Pipelines?: Scientific American

scientificamerican



**TidewaterCurrent** 11.16.12 - Great overview of the safety and oversight of the vast network of pipelines crisscrossing the country including coverage of the issues surrounding the Keystone pipeline. "Given the limitations of government money and personnel, it is often the industry that inspects its own pipelines. Although federal and state inspectors review paperwork and conduct audits, most on-site pipeline inspections are done by inspectors on the company's dime. The industry's relationship with PHMSA may go further than inspections, critics say. The agency has adopted, at least in part, dozens of safety standards written by the oil and natural gas industry." "This isn't like the fox guarding the hen house," said Weimer. "It's like the fox designing the hen house."  
November 19, 2012



Elizabeth Chimento of Alexandria, Va., was first to raise questions about plant's emissions | [wusa9.com](http://wusa9.com)

wusa9



**TidewaterCurrent** 10.1.12 - Local community is celebrating the shut down of the GenOn coal plant, the largest single source of air pollution in the Washington metro area.  
November 14, 2012

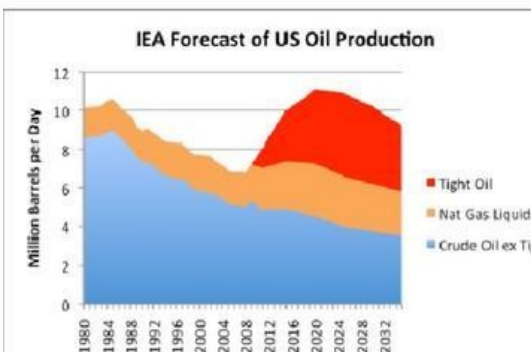


Many Coal Plants in the SE are Ripe for Retirement - CleanEnergy Footprints

[blog.cleanenergy](http://blog.cleanenergy)



**TidewaterCurrent** 11.13.12 - "Today the Union of Concerned Scientists released an important new report entitled "Ripe for Retirement: The Case for Closing America's Costliest Coal Plants", which highlights the financial uncertainty of many coal plants around the nation. It turns out that the Southeast is home to a staggering number of inefficient and uneconomic coal plants."  
November 14, 2012



An America self-sufficient in oil? Don't bet on it.

csmonitor



**TidewaterCurrent** 11.14.12 - "The International Energy Agency (IEA) provides unrealistically high oil forecasts in its new 2012 World Energy Outlook (WEO). It claims, among other things, that the United States will become the world's largest oil producer by 2020, and will become a net oil exporter by 2030."  
November 14, 2012



## Focus in uranium mine fight shifts

vancnews



**TidewaterCurrent** "North Carolina coalition has organized to fight against the siting of a uranium mine in Pittsylvania county Virginia which is in the watershed draining into the Roanoke River and Lake Gaston. One activist notes: "Uranium mining in a hurricane zone with our precipitation patterns is more than risky, it's foolish!" Proponents of the mine may be maneuvering to only lift the ban on uranium mining in Pittsylvania county, instead of the entire State of Virginia, which may be an easier feat to accomplish. Water supply is at risk for those who rely on water from Lake Gaston (as does much of South Hampton Roads).

November 14, 2012



## Lack of mineral rights puts some homebuyers in legal limbo

journalnow



**TidewaterCurrent** 11.13.12 -

Weyerhaeuser owns mineral rights to thousands of acres of land in NC and millions of acres nationally that has been sold to private citizens. Financing and selling such properties are problematic.

November 14, 2012



## Senator Bernie Sanders: End Polluter Welfare 3A+A-

ecowatch



**TidewaterCurrent** "As a member of both the Senate Energy and Environment committees, I am working to stop the handouts to the fossil fuel industry. I have introduced legislation called the End Polluter Welfare Act. Rep. Keith Ellison filed the companion bill in the House of Representatives. Our measure calls for the elimination for all subsidies to the oil, gas and coal industries. Using the best available estimates from the non-partisan Joint Committee on Taxation and other budget experts, we found more than \$113 billion in federal subsidies will go to fossil fuel corporations over the next 10 years alone. These subsidies benefit some of the wealthiest corporations on the planet, including the five largest oil corporations, which made a combined profit of \$1 trillion over the last decade. Unlike sustainable energy incentives, many..

November 14, 2012



## Zapping Nuclear Waste With Laser Beams Could Actually Be A Great Idea

wamu



**TidewaterCurrent** "zapping "could destroy nuclear waste and provide new cancer treatments," according to the story."

November 2, 2012



## Uranium mining could impact local water | WAVY.com | Virginia Beach

wavy



**TidewaterCurrent** 11.12.12 - News Broadcast covers the proposed lifting of uranium mining ban in Virginia as well as the proposed mining project in Pittsylvania county.

November 14, 2012



## Governor Cuomo: Imagine There's No Fracking... 1A+A-

ecowatch



**TidewaterCurrent** 11.9.12 - "Our message is simple: we want Gov. Cuomo to imagine and guarantee a New York free of the fracking threat to our water, air, beautiful landscapes and climate. Everytime New Yorkers pass this billboard, we also want them to imagine a truly clean energy future, not fracking.""

November 10, 2012



## Coal Mine Inspection Sweep Targets Cause Of Black Lung : NPR

npr



**TidewaterCurrent** 10.31.12 - 13 mines were targeted and 120 violations found. "Excessive coal dust was cited as a major cause of the massive explosion that ripped through the Upper Big Branch coal mine in West Virginia in 2010, killing 29 coal miners. Failure to control coal dust is also cited as the source of black lung, a deadly disease that strikes coal miners."

November 2, 2012





## Water professionals urge caution over shale gas

businessgreen



**TidewaterCurrent** 10.31.12- "In the UK, there is currently a moratorium on the process used to extract the gas, known as fracking, until more is known about its potential impacts, which campaigners say extend to earth tremors, landscape degradation, water contamination, and the release of methane emissions. A position paper by the Chartered Institution of Water and Environmental Management (CIWEM), published today, again raises these concerns and warns shale gas should not form part of the UK's energy mix until there is sufficient evidence that projects can be delivered safely and without causing unacceptable levels of environmental damage."

November 1, 2012



## Protecting nuclear plants from nature's worst

washingtonpost



**TidewaterCurrent** 11.1.12 - Stanford University study reveals: "that several U.S. nuclear power plants are unprepared for high waves. In our database, the United States came in second, behind Japan, as the country with the largest number of inadequately protected nuclear power plants....the U.S. nuclear power plants most vulnerable to inundation are the Salem and Hope Creek plants on the New Jersey/Delaware border; the Millstone plant in Connecticut; and the Seabrook plant in New Hampshire. All of these are close to large cities: The Salem and Hope Creek plants are about 90 miles from Washington and about 35 miles from Philadelphia. The Millstone plant is about 40 miles from Hartford, Conn., and 100 miles from New York City. The Seabrook plant is about 35 miles from Boston. As points of reference, consider that...

November 1, 2012



## More evidence that fracking waste is poorly regulated

switchboard.nrdc



**TidewaterCurrent** Operators that didn't have permits were injecting waste into Arkansas sites that were not leased. The practice was discovered when a formation was being tapped for natural gas and the waste was found. Regulations are too lax and are not being enforced.

October 8, 2012



## Robert Redford Cuts 5 Anti-Fracking Ads 0A+A-

ecowatch



**TidewaterCurrent** "fracking for gas threatens drinking water supplies, contaminates the air and contributes to climate change," says Redford "To make matters worse, the gas industry plans to ship much of our shale gas overseas, as we shoulder all the environmental and public health risk."

October 30, 2012



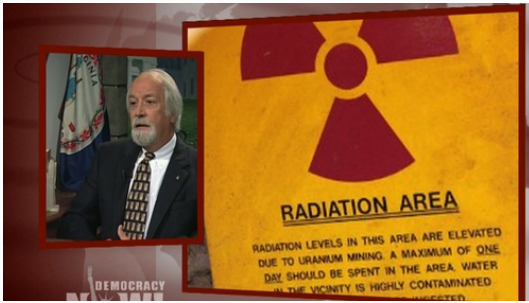
## Nuclear Energy's US & Global Exit

cleantechnica



**TidewaterCurrent** 10.30.12 - "nuclear power has enjoyed 50 years of government backing, and still can't cut it." Despite a 20 year extension to operate, the Kewaunee plant in Wisconsin will close next year and more aging units are becoming liabilities. On a global scale, more are shutting down than starting up.

October 31, 2012

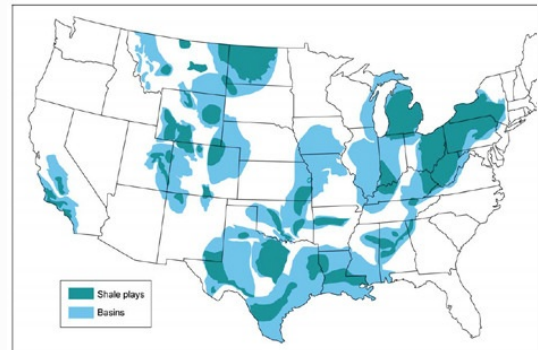


## Virginia Residents Fight Back Against Nuclear Industry Effort to Lift Ban on Uranium Mining

democracynow



**TidewaterCurrent** 10.1.12 - Many of Virginia's major cities have passed resolutions to oppose lifting the ban on uranium mining in Virginia. Here's a transcript of an interview with former VA Dept. of Environmental Quality Director and now consultant to the "Keep the Ban Coalition" Robbert Burnley highlighting all the concerns. October 4, 2012



## New Report Confirms Fracking is Reckless 3A+A-

ecowatch



**TidewaterCurrent** "The GAO's concerns about improperly plugged and abandoned wells strike an unnerving note in New York especially, given that the Associated Press recently found<sup>3</sup> that Department of Environmental Conservation records, "reveal thousands of unplugged and abandoned wells and other industrial problems that could pose a threat to groundwater, wetlands, air quality and public safety." October 18, 2012



## The Trillion-Gallon Loophole

huffingtonpost



**TidewaterCurrent**  
October 4, 2012



## The Latest Science from Europe —Safe Fracking is a Fairy Tale 0A+A-

ecowatch



**TidewaterCurrent** 10.11.12 - A European Commission report as well as German reports from the Environment Agency and one funded by Exxon-Mobil found there are numerous risks associated with hydrofracking, including water contamination. Notably, one finding reported is that shale gas has a greenhouse footprint between 38 to 183 percent higher than conventional natural gas.  
October 12, 2012



## Opposition Mounts as First Tar Sands Mine in US Gets a Green Light | The Independent

independent



**TidewaterCurrent** 9..12 - Environmental groups plan to fight Utah tar sand mining.  
September 10, 2012



## Intrigue in the fight over Va. uranium mining

washingtonpost



**TidewaterCurrent** Recording captures a state politician pressuring a local Pittsylvania representative to shelve a resolution they were to vote on regarding a proposed uranium mine. "The uranium issue has been fraught with allegations of influence peddling. Last year, Virginia Uranium drew criticism for paying for state legislators to visit some former uranium mining sites in France. The trip included an expenses-paid stopover in Paris.  
September 25, 2012



## Fracking opponents keep up efforts to prevent practice in NC

newsobserver



**TidewaterCurrent** Local mayors protest in Raleigh.  
September 25, 2012





## Quebec's New Government Looks to Ban Fracking

treehugger



**TidewaterCurrent** 9.22.12 - Quebec's Natural Resources minister says: "I don't foresee a day when there will be technology that will allow safe exploitation of shale gas. Our position is very clear: We want a complete moratorium, not only on exploitation but also on exploration of shale gas." September 22, 2012



## Decades of Federal Government Support Spurred Natural Gas Boom

cleantechnica



**TidewaterCurrent** In the 1970s no one believed shale gas could ever be profitable, but with lots of government support and research over several decades, it is now profitable, although environmentally questionable. All energy technologies, including nuclear, have received a lot of federal assistance. October 1, 2012



## Suffolk council OKs resolution against uranium mining

hamptonroads



**TidewaterCurrent** 9.6.12 - Suffolk joins Norfolk and Virginia Beach in opposition to a Pittsylvania uranium mining operation that threatens the water supply to the region. September 10, 2012



## Japan Citizens Favor Zero Nuclear in Debate Over Energy Options

businessweek



**TidewaterCurrent** 8.22.12 - August 24, 2012





## Mutant butterflies found emerging from Fukushima radiation

mnn



**TidewaterCurrent** 8.14.12 - "Researchers have discovered that the butterflies' mutations are multiplying at an alarming rate through successive generations." August 14, 2012



## After a Town Is Buried, Controversy Still Rages

baconsrebellion



**TidewaterCurrent** 9.4.12 - A good review of uranium mining in Colorado and Virginia, as communities contemplate the economic benefits and environmental consequences associated therewith. Pictured is the sealed off site of a former CO mine, that underwent Superfund cleanup at a cost \$120 million. September 5, 2012



## TVA Liable for Massive Tenn. Coal Ash Spill

ecowatch



**TidewaterCurrent** 8.23.12 - Federal District judge rules that TVA is liable for damages caused by 2008 coal ash spill into the Emory River - the largest ever such spill. The case is significant because there are many more coal ash ponds at power plants. August 24, 2012



## Yet Another Study Digs Up the Dirt on "Clean Coal"

cleantechnica



**TidewaterCurrent** August 3, 2012



## A win for clean water in South Carolina coal ash storage lawsuit

southernstudies



**TidewaterCurrent** 8.21.12 - Catawba Riverkeepers and Southern Environmental Law Center prevail in lawsuit against South Carolina Electric & Gas over toxic coal ash storage. SCE&G must now remove all the coal ash from unlined impoundments adjacent to the Wateree River.  
August 24, 2012



## Nuclear waste issues freeze permits for U.S. power plants

money.cnn



**TidewaterCurrent** 8.9.12 - Until waste issues are settled, no more new plant permits or license extensions will be issued.  
August 9, 2012



## Don't mine uranium in Virginia, member of study group warns - [www.roanoke.com](http://www.roanoke.com)

roanoke



**TidewaterCurrent** 7.27.12 - Member of a research committee that looked at uranium mining in Virginia for the National Academy of Sciences, speaks out personally against the proposed project.  
July 27, 2012



## Another Bad Week for Fracking

cleantechnica



**TidewaterCurrent** 8.9.12 - Despite more reports on the hazardous impacts of fracking some law makers continue to support the practice.  
August 10, 2012



## GE Chief: Nuclear 'hard to justify' - CNN.com

edition.cnn



**TidewaterCurrent** " Nuclear power is so expensive compared with other forms of energy that it has become "really hard" to justify, according to the chief executive of General Electric, one of the world's largest suppliers of atomic equipment. "  
August 5, 2012



## Post-Intelligence

### Nuclear power plants have runaway problem

parispi



**TidewaterCurrent** 7.27.12 - Runaway Costs!  
July 27, 2012



## Drink it in: Local residents score big wins for clean water

grist



**TidewaterCurrent** 8.11.12 - Activism does work. Author highlights several recent success stories in West Virginia, Pennsylvania and Illinois where coal mining related sites are either closing or new applications are being denied.  
August 11, 2012



### Californians Urge State Regulators to Ban Fracking

ecowatch



**TidewaterCurrent** 7.26.12  
July 27, 2012





## Heat Sends U.S. Nuclear Power Production to 9-Year Low

businessweek



**TidewaterCurrent** 7.26.12 - High temps, low water slow nuclear reactor output.  
July 27, 2012



## Nationwide Is on Our Side 2A+A-

ecowatch



**TidewaterCurrent** 7.13.12 - "From an Underwriting standpoint, we do not have a comfort level with the unique risks associated with the fracking process to provide coverage at a reasonable price."  
July 18, 2012

# Ban Fracking Now

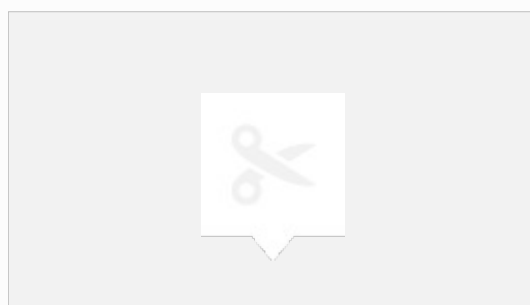
[www.foodandwaterwatch.org](http://www.foodandwaterwatch.org)

Consumer Groups and Lawmakers Call for Statewide Fracking Ban in Maryland 0A+A-

ecowatch



**TidewaterCurrent** 7.26.12 -  
July 27, 2012



New NRDC fact sheet documents how fracking can contaminate drinking water sources

switchboard.nrdc



**TidewaterCurrent** 7.17.12 - Fracking projects have not been approved in Virginia, although we could see a project as there is no state ban, and North Carolina just approved it.  
July 18, 2012



## French PM Reiterates Pledge to Cut Reliance on Nuclear Power

online.wsj



**TidewaterCurrent** 7.3.12 - France plans to increase renewable energy production while reducing reliance on nuclear energy.  
July 8, 2012

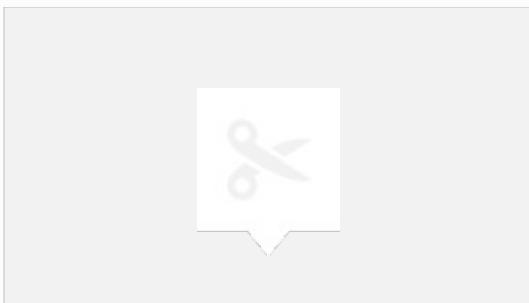


## Lawmakers override Perdue's budget, fracking vetoes :: WRAL.com

wral



**TidewaterCurrent** 7.3.12 - Although fracking was vetoed by the North Carolina Governor, the State legislature overturned the veto with unfortunately one mistaken vote.  
July 8, 2012

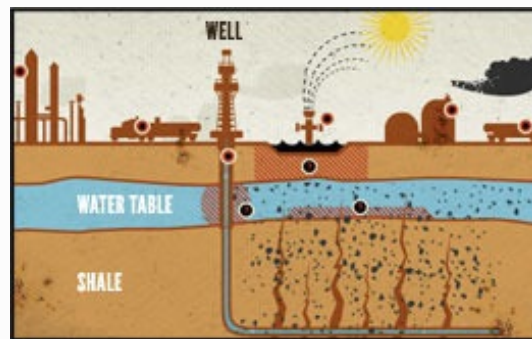


## World nuclear power output falls 4.3% in 2011

power-eng



**TidewaterCurrent** 7.7.12 - If nuclear output is falling, the demand for uranium must also be falling.  
July 7, 2012



## Yoko Ono and Sean Lennon Launch Artists Against Fracking 0A+A-

ecowatch



**TidewaterCurrent** On the Jimmy Fallon Show, artists perform "Don't Frack my Mother" (video link included) and announce the formation of "Artists Against Fracking" which includes a number of noteworthy members.  
July 17, 2012





## Groups Take Legal Action against Alpha Natural Resources to Protect Waterways from Coal Pollution 0A+A-

ecowatch



**TidewaterCurrent** 7.16.12- Sierra Club, Ohio Valley Environmental Coalition and West Virginia Highlands Conservancy seek protection from coal mining pollution under the Clean Water Act.

July 17, 2012



## Ken Plum: Uranium mining in Virginia

augustafreepress



**TidewaterCurrent** 7..12.12 - Great editorial by a Virginia Delegate on efforts to lift the ban on uranium mining in Virginia. Thank You Ken - Please continue to represent the people of the Commonwealth and not industry and lobbyists.

July 14, 2012



## Congress seeks input on state nuclear waste woes

nyaltnews



**TidewaterCurrent** 6.7.12 - 72 (temporary) sites in 34 states filling up.

June 8, 2012



## Environmental groups take aim at Virginia uranium study panel, consultants

therepublic



**TidewaterCurrent** Environmental groups are concerned that the Governor's office has hired a group that has "only done work for uranium mining companies and that they're going to go with them behind closed doors and come up with a uranium mining law and a set of regulations." <http://www.therepublic.com/view/story/8e44cd36a8754544a851c86d308d49a8/VA--Uranium-Mining> - [@snipit](http://snip.it/s/3x0d)  
June 11, 2012



## Uranium mine tailings leave an enduring toxic legacy

au.news.yahoo



**TidewaterCurrent** 6.8.12 - String of accidents in Australia related to uranium mining. Tailings remain radioactive for 10,000 years - world's best practice is to isolate for 10,000 years - unachievable. <http://au.news.yahoo.com/thewest/opinion/post-/blog/13904615/uranium-mine-tailings-leave-an-enduring-toxic-legacy/>  
June 8, 2012



## Delegate raising money to keep ban on uranium mining in place - YourGV.com

yourgv



**TidewaterCurrent** 6.28.12 - <http://www.yourgv.com/index.php/news/5682-delegate-raising-money-to-keep-ban-on-uranium-mining-in-place>  
June 29, 2012



## Celebrities Rally to Stop Fracking and Promote Renewable Energy

ecowatch



**TidewaterCurrent** 7.3.12 - First Ever "Stop the Frack Attack" Rally in DC July 28. Since, congress has exempted the oil and gas industry from Clean Air and Water provisions, environmental leaders including celebrities are gathering to protest fracking and promote renewable energy.  
July 7, 2012

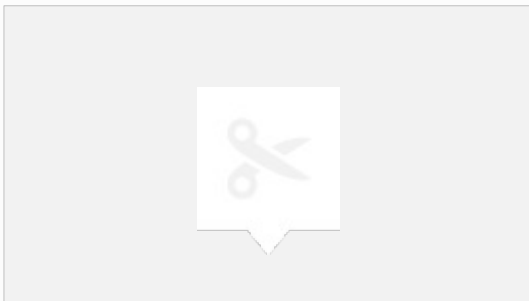


## US bucks global trend of closing down nuclear power stations > International News > News - Click Green

clickgreen.org.uk



**TidewaterCurrent** 6.7.12 - Europe, Canada and Japan are closing Nuclear plants while the US is extending the lives of 71 plants. The article fails to mention the plants being constructed or planned in China, Turkey and elsewhere.  
<http://www.clickgreen.org.uk/news/international-news/123595-us-bucks-global-trend-of-closing-down-nuclear-power-stations.html>  
June 11, 2012



## Senate passes fracking bill, but N.C. may be less rich in gas - The Sacramento Bee

sacbee



**TidewaterCurrent**  
June 8, 2012



## Europe To Decommission Most Nuclear Power Stations By 2030

inhabitat



**TidewaterCurrent**  
June 7, 2012



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 446-9292

## HOW NATURAL GAS DRILLING CONTAMINATES DRINKING WATER SOURCES

**10.** These fracking fluid wastes is dumped in nearby landfills and the resulting surface gas and vapors can leak into nearby air, water.

**9.** Leaked-out fracking gas (propane, butane, ethane and methane) flows.

**8.** Fracking fluids pump water and other chemicals down the well.

**7.** Fracking fluids create new fractures, which allow gas and water to flow out.

**6.** Fracking fluids create new fractures, which allow gas and water to flow out.

**5.** Fracking fluids create new fractures, which allow gas and water to flow out.

**4.** Fracking fluids create new fractures, which allow gas and water to flow out.

**3.** Fracking fluids create new fractures, which allow gas and water to flow out.

**2.** Fracking fluids create new fractures, which allow gas and water to flow out.

**1.** Fracking fluids create new fractures, which allow gas and water to flow out.

reuters

June 3, 2012



[www.watercurrent.com](http://www.watercurrent.com)  
and beyond. Eric  
Cabrera is a  
staff writer.







## With deep concerns over fracking, a Va. county says no to more gas drilling

washingtonpost



**TidewaterCurrent** 2.5.12 - Marcellus Shale - Rockingham Board of Supervisors expressed such concern over operation, that an application for a necessary special land use permit was never voted on. Environmental concerns were cited. In addition, state law only required a \$25,000 be set aside to cover damage incurred. [http://www.washingtonpost.com/national/health-science/with-deep-concerns-over-fracking-a-va-county-says-no-to-more-gas-drilling/2012/01/27/gIQAxhUcsQ\\_story.html](http://www.washingtonpost.com/national/health-science/with-deep-concerns-over-fracking-a-va-county-says-no-to-more-gas-drilling/2012/01/27/gIQAxhUcsQ_story.html)

June 3, 2012



## ECO holds meeting to encourage citizens to fight fracking in North Carolina

blueridgenow



**TidewaterCurrent**

June 2, 2012



## Fracking could have caused East Coast earthquake — RT

rt



**TidewaterCurrent** 8.24.11

June 3, 2012





## Science meets passion at uranium briefing

hamptonroads



**TidewaterCurrent** 6..1.12 -  
<http://hamptonroads.com/2012/05/meeting-tonight-va-beach-uranium-mining>  
June 2, 2012



## Fracking: Coming to a City or Suburb Near You | Latest News | Earth Island Journal | Earth Island Institute

earthisland



**TidewaterCurrent** 6.12  
June 2, 2012