



Chemicals used to coax gas from

WEDNESDAY

Woes in western

Pa. offer lesson for

STATE'S RECORD KEEPING **OF PROBLEMS INCONSISTENT**

field and into natural springs

Fine: \$21,200 fine for 18 violations Fine: \$4,915.30

ter overflowed in a high quality

watershed

BY LAURA LEGERE STAFF WRITER

leaked from a truck on 2.5

miles of public roads

Times-Tribune review of records detailing gas drilling spills, leaks and contamination incidents revealed hundreds of problems at well sites since the beginning of 2005.

It also found outdated and inconsistent record keeping by the environmental agency charged with regulating Marcellus Shale gas drilling in Pennsylvania.

Unlike Texas, Colorado, New Mexico, New York, West Virginia and other gas drilling states, Pennsylvania does not keep a public database detailing spills or contamination incidents at oil and gas wells.

The Department of Environmental Protection's online "eFacts" database, which enables public searches of any found at Marcellus Shale well sites permitted facilities in the state, lists

Fight between

Father's Day.

over how to spend

BY MATTHEW HARRIS

STAFF WRITER

ing a makeshift spear, a 66-

year-old Wilkes-Barre man

killed his 62-year-old wife, stabbed his son and wounded

his young grandson late Sat-

Father's Day plans, police said

Harun Ngolo, 28 Simpson

wooden pole about 11 p.m.

after an argument over

Sunday morning.

WILKES-BARRE — Wield-

the information included there is often vague and provides no detail on what spilled, how much or where.

In some cases, eFacts masks the regional office in Pittsburgh, severity of an incident: DEP forced explained that inspectors have to Cabot Oil and Gas Corp. to shut down a well that contributed to methane tem's list of codes when imputing a contamination in 14 residences in Dimock Twp., but the violation detail on eFacts notes only a "failure to report" a defective well casing and two are not as specific as maybe we "general" violations of the state law governing oil and gas drilling. The notation is to be used only when specific violation codes do not apply, even though a violation code exists for "failure to case and cement to prevent migrations into fresh groundwater."

Of the 421 violations DEP inspectors between January and June this year,

coded descriptions of violations, but 109 of them were categorized as such "general" violations of state laws.

soil and a wetland

Alan Eichler, the oil and gas program manager for the Southwest choose from among the computer sysviolation even when they are not "perfectly appropriate.'

"Sometimes those violations codes would like," he said. "A code is chosen that might imply there was a discharge when there really wasn't a discharge.'

In order to measure the frequency of well site spills, The Times-Tribune submitted a Right-to-Know request for the environmental agency's well

Please see RECORDS, Page A5

hundreds of examples of spills at natural gas drilling sites in the state during the last five years, recorded by at least 92 different drilling

through a Right-to-

Know request reveal

companies. The documents show that many of the largest operators in the Marcellus Shale have been

region. For past stories about gas drilling and DEP violations database visit:

thetimes-tribune. com/gas

issued violations for spills that reached waterways, leaking pits that harmed drinking water, or failed pipes that drained into farmers' fields, killing shrubs and trees.

The frequency of violations has kept the state's gas inspectors on the run.

After a Marcellus Shale hearing last week, DEP produced a list for state legislators of 421 violations found by inspectors at Marcellus Shale wells this year through June 4.

At least 50 of the violations — recorded by 15 different Marcellus operators — involved a spill to soil or water. Generic descriptions used by the department to characterize the violations make it impossible to determine the exact number of spills.

"It goes from an accident to negligence," DEP Secretary John Hanger said at the hearing, and attributed the problems to "poor management"

Continued on Page A6

ADVERTISEMENT

INSIDE

BP taps American to take over spill

BP has brought in one of its top-ranking Americans to clean up the Gulf Coast and its corporate image. Bob Dudley takes over from British CEO Tony Hayward, who was widely criticized for tone-deaf comments. A7

Good morning



Classified D3	LotteryA2	
Comics C4	Movies C3	
Editorial A8	Obituaries B6-7	

001110304	1000103
EditorialA8	ObituariesB6-7
Health/Sci C6	Sports B1
Horoscope C2	TV C3

All content copyright 2010 The Times-Tribune



Cops: W-B man kills wife, stabs son, tot with 'spear'

Records show same atcouple in their 60s tack attempted in 2007. A5 reportedly started

Father's Day plans: She wanted to visit a casino Sunday, police said.

Police responding to the incident also found 3-year-old Noah Cobin with cuts on his legs, and Harun Ngolo's 29year-old son, Moses Ngolo, sprawled on the floor with stab wounds to the stomach and chest, police said. Both were hospitalized.

Mr. Ngolo faces charges of urday after arguing about homicide and aggravated and simple assault.

Lying in his hospital bed Sunday, Moses Ngolo turned St., allegedly stabbed Maria his head to the windows with Jeringa Ngolo several times the blinds turned down. He with a knife attached to a long sighed and picked at a ban-

Please see SLAYING, Page A5



KRISTEN MULLEN / STAFF PHOTOGRAPHER

Harun Ngolo is taken for arraignment before Magisterial District Judge Daniel O'Donnell in Sugarloaf Twp.



lackawanna.edu

LACK AWANNA+COLLEGE



MONDAY, JUNE 21, 2010

LOCA

Ngolo family has history of violence

Records show alleged killer tried same attack in 2007

BY ANDREW STAUB STAFF WRITER

WILKES-BARRE — Though years apart, the afternoon of Dec. 21, 2007, and the night of June 19, 2010, unfolded in similarly violent fashion at 28 Simpson St., court records show.

On both days, police say an angry Harun Ngolo armed himself with a makeshift spear — a steak knife attached to a 3-foot metal pole in 2007 and a knife fashioned to a long wooden pole Saturday - and terrorized his family in their Wilkes-Barre home.

At about 4:30 p.m. Dec. 21,

"There's no magic shield that's going to be able to stop these things."

Jackie Musto Carroll Luzerne County district attorney

Ngolo home after a report Mr. Ngolo had chased his wife, Maria Jeringa Ngolo, and two of their sons into an upstairs bedroom, threatening to kill them, police said. At the time, Mrs. Ngolo

had an active protectionfrom-abuse order against her husband, who police said 2007, police converged on the attacked her with a hammer to jail?" Mr. Ngolo said, court

"She died

protecting a kid."

Moses Ngolo



KRISTEN MULLEN / STAFF PHOTOGRAPHER

Luzerne County District Attorney Jackie Musto Carroll, right, speaks about homicide charges against Harun Ngolo during a news conference at Wilkes-Barre Police Headquarters. Looking on are city Detective Brent Sevison, left, and Assistant District Attorney Mike Vough.

in March 2007.

documents indicate. "I'm "You're going to send me going to kill you!" A locked door — pock- records indicate.

marked with six or seven the man from his family, police said.

On Saturday, no door sepafight over Father's Day plans, Attorney Jackie Musto Carstabbed his son Moses Ngolo when he tried to intervene and slashed his 3-year-old grandson.

Originally charged with simple assault, prohibited offensive weapons and harassment in the 2007 case, Mr. Ngolo eventually agreed to plead guilty to the prohibited offensive weapons charge.

Former Luzerne County Judge Michael T. Conahan ordered Mr. Ngolo to serve things work out.' six months' probation, court

Mr. Ngolo also agreed to holes from the spear — kept cease contact with his wife and son, a stipulation that faded over the years. As of Saturday, no protectionrated Mr. Ngolo from his wife. from-abuse order had been Police say the 66-year-old man in effect for Mr. Ngolo, killed Mrs. Ngolo during a Luzerne County District roll said, and he and his wife had reconnected.

THE TIMES-TRIBUNE A5

Despite harbingers of violence and the previous protection-from-abuse order, Ms. Musto Carroll said, "There's no magic shield that's going to be able to stop these things.

"We see this a lot, that people try to reconcile and make things work," she said, "and some of the time, they're not fortunate enough to make

Contact the writer: astaub@citizensvoice.com

SLAYING: Man recalls his mother screaming before her death

FROM PAGE A1

dage on his left hand. He recalled hearing a thump as he tucked his son beneath the covers Saturday night. Then the shriek of his mother's voice bounced off the walls up to the third floor of their Simpson Street house.

'Save me, save the baby,' he heard her scream.

to try to save her.

"She was a saint, and she died protecting a kid," Moses said. "And I feel like it's my fault. I couldn't save her. I couldn't do more.'

Twelve hours later, two

Of his slain mother stands just 5 feet tall, to face

arraignment at District Justice Daniel O'Donnell's office in Sugarloaf Twp.

In the courtroom, Mr. Ngo-Moses sprinted downstairs lo craned his head over four pink sheets of paper outlining the charges against him: criminal homicide, aggravated assault and simple assault. The narrative followed a chillingly familiar arc.

In December 2007, an irate ing a morning news confer-

threatened his family and trapped Maria and Moses in an upstairs room, according to court records.

Before that attack, Mrs. Ngolo had taken out an order of protection against her husband, who allegedly attacked her with a hammer in March 2007.

But that was years ago, and no PFA was in effect pri-

these cases that this does not have to happen," Luzerne County District Attorney Jackie Musto Carroll said dur-

these crimes can get help." Moses Ngolo had battled his father before in the family

home, and his mother had

hedged at leaving the man with whom she crossed an ocean. In 1994, the family escaped war-torn Zaire, where refugees and violence spilled over the border from a raging Rwandan genocide. Two years later, they bought the quaint three-story house on Simpson Street between railroad tracks and Carey Avenue, according to property

records. Yet Moses Ngolo said his father drifted in and out of city police officers guided the Mr: Ngolo fashioned a make- ence. "It's important that they the lives of his wife and sevdiminutive Mr. Ngolo, who shift pike, lashing a steak try to get out (of) the situation, en children. He suspected his

knife to a 3-foot metal pole, and the person who (commits) father suffered from a mental her son she would break it disorder, a stint on medication and time in a shelter job at Sears.

in the Ngolo home. Often, ping between his mother and

for divorce or leave, telling

off after she retired from her

Violence was a facet of life until yesterday," he said. "It

SWEET, staff writers, contributed to this report.

Contact the writer:



RECORDS: Reductions in staffing cited

FROM PAGE A1

inspection reports and violation notices that detail spills, leaks and seepage. But incon-

On the Web

Check out our searchable Lackawanna and Luzerne counties database on natural gas drilling leased land at thetimes-tribune. com/gas

the missing files.

explain why the eFacts database contains records of

coding process may explain reduced the staff as well as the fact that such a search However, he could not would entail "our going through hard paper files."

"The department staff has spills when inspection been so stripped that we don't reports for the same spills have the staff to go through the files," he said.

serving as evidence.

Moses Ngolo intervened, stephis father's blows, he said.

Yet, Mrs. Ngolo didn't file

822-4100

'No one really understood

was just screwed up." ANDREW STAUB and PATRICK

487-1777

mharris@citizensvoice.com



or to Saturday.

"We've said it before in

sistent responses and record keeping from the four regional offices that oversee drilling made finding an exact count of spills impossible.

Some offices gathered only industrial waste violations; another case, wastewater some included erosion and runoff violations. Few of the offices included waste pit violations, even those when plastic liners meant to protect the soil fell in or were breached, leaving the waste in contact with the ground.

of spills that were not included on lists of incidents provided by the DEP, and revealed inconsistent characterizations of violations by inspectors.

into a lined pit ran behind cleanup from a spill, but entirely, but the violation noted only that the pit was not

overflowed a pit, ran down an access road and into the woods, but the company was cited for not keeping an open space between the top of the pit and the fluid.

Other files were incomplete.

The files contained reports office, more than a dozen files for wells where there have been spills of diesel, wastewater and other fluids were missing any documentation of those spills.

In one case, a fluid and oil ongoing violations or er the files containing the mixture meant to be pumped described the progress of the liner or missed the pit records of the original spill were not there.

Mr. Eichler said the lack of "structurally sound." In precision in the violations to state budget cuts that

are not in the files.

"That shouldn't be," he said. "If there's a record in eFacts there should be a hard copy report in the file."

"If you're telling me that there were inspections that were listed in eFacts that you couldn't find in the file," he said, "that would cause me some concern.'

The file review process At the Southwest regional was also work- and timeintensive for the regional offices.

Because the agency does not keep a list of spill incidents, it took four regional DEP offices up to three Some of those files noted months to identify and gathdocuments.

> Ed Stokan, an assistant counsel at the Southwest regional office, explained that the delay was due in part

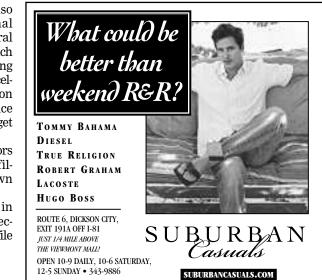
Staffing limitations also hampered other regional offices. In the Northcentral office in Williamsport, which is responsible for inspecting the bulk of the state's Marcellus Shale wells, one person has run the file room since December because of budget cuts

Oil and gas field inspectors are now responsible for filing, and finding, their own reports there.

The DEP is currently in the process of hiring a second person to work in the file room, a spokesman said. **Contact the writer:**

llegere@timesshamrock.com

etplace 1021 Commerce Blvd., [Chuck-t-cm Dickson City, PA 18519 2230 W kes-Barre Wilkes-Barre, PA 18519





SENTENCES

The following defendants girl at his residence. were recently sentenced in Lackawanna County Court:

528 River St., Scranton; six ery of a controlled substance, to 18 months in county pris- marijuana, in Dickson City on for indecent assault and Dunmore in October and March 19, when he gave November. numerous "hickies," or

■ Christopher Lynch, 21, 6 Ollendike St., Throop; one to ■ Santinie Alvarez, 30, 18 months in prison for deliv-

■ Edward J. Brozoski, 42, suck marks, on a 16-year-old 934 Cottage St., Blakely; three

months' house arrest, three months' probation and a \$1,000 fine for drunken driving Aug. 27 near the McDade Expressway.

■ Franklin J. Ramos, 31, 2232 Comegys Ave., Scranton, 140 days to a year in prison for theft of copper pipe from 424 Fig St., Scranton, on Jan. 14.





CYAN MAGENTA YELLOW BLAC SC_TIMES_TRIB/TIMES_PAGES [A06] | 06/20/10 20:09 | SUPERIMPSC

CYAN MAGENTA YELLOW BLACK

A6 THE TIMES-TRIBUNE

DEEP IMPACT

MONDAY, JUNE 21, 2010

'THIS INDUSTRY'S GOT TO LOOK IN THE MIRROR'

JOHN HANGER, secretary of the state Department of Environmental Protection, speaking about the natural gas industry

FROM PAGE A1

and "not proper oversight" by the companies.

"This industry's got to look in the mirror," he said.

Kathryn Klaber, the director of the Marcellus Shale Coalition, a Pennsylvania industry group, said shale drilling is an industrial activity, like many others.

"Any spill is a problem," she said. "For PR (public relations) reasons, for fines, for reputation, stock price -there's no good reason to have one."

But, she added, "I think if we were looking across multiple industries ... the question I'd like to pose is, is it worse or better than others?"

The following list highlights examples of spills, seeps and accidents as described in DEP documents that have been committed by an array of Marcellus Shale operators.

It illustrates that none of the companies currently pulling gas from the shale has been able to avoid potentially harmful accidents and errors.

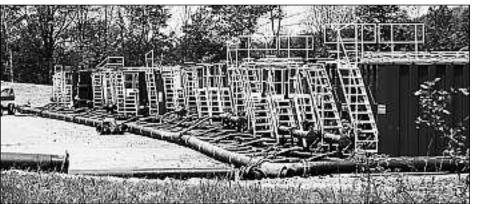
Spills and leaks near a state forest

n accident at a Marcellus A Shale well in early June caused a geyser of gas and wastewater to erupt for 16 hours on property owned by a private hunting club in the quented by campers and anglers.

The well is one of 44 permitted or pending Marcellus Shale wells operated by Houston-based EOG Resources on the hunting club land in Clearfield County, and the nearly catastrophic rupture



Workers prepare a Marcellus Shale gas well drilling pad near state Route 3004 in rural Susquehanna County.



MICHAEL J. MULLEN / STAFF PHOTOGRAPHEF

middle of a state forest fre- Hydrofracking tanks are in place at a gas drilling well in Springville, Susquehanna County.

"I think if we were looking across multiple industries ... the question I'd like acid 'frac' tanks in the boonbit much.'

the Vannoy well site in Gran- tanker lost between 100 and ville Twp., may have contrib- 200 gallons of acid and conuted to the contamination of a private pond and a 30-foot swath of dead or stressed vegetation, including several evergreen trees.

with unlabeled 21,000 gallon suit and a respirator, tried to put a catch pan under the docks, on properties that leak, passed out from inhalhave unrestricted access, is a ing the fumes and was taken was told to do. by helicopter to Robert Pack-The second acid spill, at er Hospital in Sayre. The

vided by the company for the mud, "Hydraul-EZ," listed the ingredients bentonite, a kind of clay, and a "bentonite extender," but the manufacther details about these subthe potential of the mud to cause pollution.

Kristi Gittins, a Chief spokeswoman, said that the spilled mud is "not hazardous. It's dirt.'

"There were no chemicals, and the DEP knows that," she said.

The remedy for such a spill is to "let it settle," she said, which is what the company

Overflowing waste pit I

ore than 30,000 gallons of

sites between December 2008 and July 2009, including improper erosion controls and site remediation, and spills of diesel fuel and wastewater:

In late March, on the same Hopewell Twp. farm as the pit overflow, liquid hydrocarbons called condensate on the surface of a 400,000-gallon wastewater pit caught fire, engulfing the pit and burning its plastic liner, causing a plume of black smoke that was visible for miles.

Atlas, a Pennsylvania company, also drills non-Marcellus Shale natural gas wells, including one near Kushequa, McKean County, that DEP found to have caused explosive levels of methane and ethane to seep into residential water supplies and triggered a small explosion in the village's public well in late 2007.

Efforts to reach a spokesman for Atlas were unsuccessful.

Hydraulic oil leak

A noil leak from a hydrau-lic line in March 2008 turer "claims that any fur-spilled onto a field and into natural springs surrounding stances is proprietary" mak- a Range Resources - Appalaing it "difficult" to determine chia well in Washington County. The oil mixed with water and flowed 100 yards downhill, contaminating soil and killing vegetation.

> Range excavated the contaminated soil and paid a \$21,200 fine in June 2009 for the spills at that site and for 16 other violations, an enforcement action that was never publicized by DEP.

DEP also investigated whether a Marcellus Shale well drilled by Range on the same property affected an old abandoned well, causing gas to contaminate private water supplies and bubble up Matt Pitzarella, a Range migration was a pre-existing issue that was only discovered once Range's activities started on the site. The company capped and remediated the old well, he said. The oil leak he called a mechanical error, and said the other violations included many that were administrative. "Fortunately it was an incident that had minimal, if any, environmental impact. but you have to take care of every little detail," he said. "Since that time we've increased efforts to keep spills on location."

was a dramatic demonstration of the hazards of natural gas drilling.

But months before that incident, a seemingly invisible plume of contamination affected water sources around the same EOG lease, prompting months of investigation by DEP.

2009, inspectors found evidence that Marcellus Shale waste fluids had impacted Alex Branch, a wild trout stream and high-quality fishery, and damaged the drinking water at a nearby hunting camp, where water tests found barium that was four times above the state and federal drinking water limits — an amount that can cause vomiting, diarrhea and muscle weakness after drinking it for even a short period of time.

DEP inspectors had not noticed any evidence of a spill from the nearest EOG well site and could see nothing wrong with the earthen pit where the company stored the well's waste, but it was determined that undetected seepage from one pit, and maybe several, most likely caused the wastewater to contaminate the stream.

An accident in early August may also have contributed to the damage when a small hole in a hose carrying wastewater from the well sprayed a fine mist for several days that landed on nearby plants and a small wetland. A heavy rain swamped the pad, likely washing the fluids downhill to the hunting camp and stream.

In response to the leaks, EOG excavated the suspected faulty pit and another nearby pit, backfilled other unused pits on the lease and transitioned to a system in which drilling fluids and waste drawn from a well are piped to closed tanks rather than same inspector pursuing conpits, which helps to minimize the risk of seepage and overflows. In an e-mail to DEP, the EOG environmental safety administrator said the company would transition to the safer systems, which are not required by Pennsylvania law, because "we don't want to risk anything.'

In a separate incident, on

to pose is, is it worse or better than others?"

Kathryn Klaber

Director, Marcellus Shale Coalition

Beginning in late August used to store a fluid mixture of water and hydraulic fracturing chemicals spilled about 7,980 gallons, most of which was absorbed into the ground.

It caused a nearby tributary to Alex Branch to turn cloudy and sudsy when agitated.

An EOG spokeswoman said the company "regrets these incidents occurred and took immediate steps to address the issues," including adopting new operating procedures and hiring outside contractors to perform shallow bedrock causing water sampling after both events.

Acid leaks and unlabeled tanks

wice in two months, hydrochloric acid spilled at two well sites operated by Chesapeake Appalachia in Bradford County — including once when the company used a tank that was not meant to store the acid.

Alarmed notes from an inspector's telephone conversation with the tank's manufacturer at the time of the first spill, at the Chancellor well site in Asylum Twp. in February 2009, showed the tank was not designed or lined to hold 36 percent hydrochloric acid, and that even less concentrated acid should only have been held for a day and a half.

"Somebody messed up big time to put 14,000 gall. 36% HCL in a frac tank for 30 days!!" the note stated.

DEP records also show the cerns about the proper labeling of the tank, which was one among between 25 and 50 identical 500-barrel, corrugated wall storage tanks on site without placards to differentiate it.

"It's bad enough dealing with unlabeled 55 gallon drums in our line of work,' he wrote in an internal e-

The 420-gallon acid spill was one of several accidents at the site DEP thought might have caused the damage, including a spill of several thousand gallons of water on March 3, 2009, that was never tested for metals and salts, the hallmark constituents of Marcellus Shale wastewater. The acid spill, on March

20, also flowed into the pond. Chesapeake neutralized the acid and removed the contaminated soil, but a cleanup plan commissioned by the company in December said some of the acid likely percolated through the pad and may have remained perched on the additional contamination.

In July, DEP inspectors found stained areas at the base of a waste pit where the company left rock cuttings and drilling fluids in direct contact with the ground, and said the stain was a sign that drilling fluid "either has or is seeping from the pit."

DEP fined Chesapeake \$27,271.93 and its hydraulic fracturing contractor BJ Services \$8,598.46 for the second hydrochloric acid spill in February, a fine the agency never announced publicly.

Brian Grove, Chesapeake's director of corporate development, said the company "responded proactively to both situations" and "learned very valuable lessons from the incidents." It turned those lessons into new operating practices, including requiring secondary containment for all materials brought to a pad, he said.

Hydrochloric acid on public roads

worker for Fortuna Ener-Agy (now called Talisman Energy USA) drove a tanker leaking hydrochloric acid about $2\frac{1}{2}$ miles over public roads between two of the company's well sites in Troy Twp., Bradford County, on June 30, 2009.

At the second site, the driv-Oct. 12, 2009, a leak in a tank mail, "but having to contend er, wearing an acid-resistant chemical safety sheets pro- \$85,000 for violations at 13 well

taminated soll was later removed from both sites.

the spill to DEP until late the pasture on June 3, 2009, when spokesman, said the gas next day, a delay DEP officials called "unacceptable."

A February press release from DEP announced a \$3,500 fine for some incidents at one of the pads involved with the acid spill, but it did not address that spill. It also did not address three drilling wastewater spills in July and August 2009 on the same two well pads.

Efforts to reach a Talisman spokesman were unsuccessful. In the company's written response to DEP after the acid spill, the operations manager said it "takes the issue very seriously" and he emphasize to workers "the importance of our zero spill approach."

Mud eruption in a wetland

rews for Chief Gathering - the pipeline subsidiary of driller Chief Oil and Gas — were boring a path for a pipeline 13 feet under a stream, wetland and road in Penn Twp., Lycoming County, on Dec. 12, 2009, when the muds used to drill the hole erupted to the surface, spilling between 3,000 and 6,000 gallons into the wetland.

Initial reports from the company estimated the spill to be only about 100 gallons and to have stopped at least 10 feet away from the stream, was called two days later found sandbags and a silt sock right at the water's edge and the barrier did not prevent some of the mud from reaching the stream.

Efforts to clean up the spill were slowed, first because the muds clogged the suction land, and later because the fluids froze solid.

While he was on site, the inspector also saw evidence of muds in a roadside ditch and was told that there had been another, unreported is one of several violations the spill on Dec. 10 of about 110 company has recorded in gallons.

■V■ diluted wastewater overflowed a waste pit, rushed through the soil. Talisman did not report over a barrier and soaked a workers transferring the fluid to the site owned by East Resources in Tioga County accidentally dumped too much into the pit.

> The spill was first noticed by DEP inspectors, who happened to stop by the well pad.

The fluid was diluted enough, and cleaned up quickly enough to avoid killing or stressing vegetation, and the fluid did not appear to reach a stream.

The pit was among four at East Resources well sites in Tioga and Potter counties that discharged the wastewater they were holding. The visited each well site to three other pits all leaked, and at least one was concentrated enough to kill or stress nearby vegetation.

East is finalizing a consent order with DEP that covers those and about 30 other violations at its sites, according to a violation notice posted on a DEP database that indicates the company will pay a \$29,000 fine.

Stephen Rhoads, East's director of external affairs, said the spill was an "unfortunate accident" with no long-term impact.

"Working with DEP, we took care of it immediately," he said.

Overflowing waste pit 2

750,000-gallon pit holding a mixture of fresh water but the DEP inspector who and wastewater overflowed off a well pad run by Atlas Resources in Washington County, through a drain and into a small tributary in a high quality watershed on Dec. 5 and 6, 2009.

The spill was reported to DEP by the property owner, who noticed the spill before hoses the company used to Atlas saw or reported it. It try to remove it from the wet- apparently was caused by a pump that turned on automatically but had no mechanism for turning off automatically when the pit was full.

The spill, for which the company has not been fined, southwestern Pennsylvania. The inspector noted that In January, DEP fined Atlas

Two months, two diesel spills

abot Oil and Gas Corp. had two 800-gallon diesel spills in five weeks in 2008 at some of its earliest Marcellus Shale sites in Dimock Twp.

On June 3, off-road diesel spilled from a break in a fuel line to a drilling rig, ran down a hill and into a roadside swale and pooled in a flooded wetland near Meshoppen Creek.

On July 11, a dump truck driver working to build an access road to a well backed into a 1,000-gallon tank of offroad diesel, panicked and dragged the tank about 30 feet before it tipped over and spilled onto the ground. Crews dug pits and vacuumed up about 170 gallons of the visible diesel, then removed contaminated soil and stone from the site. When two of nine soil tests showed continued contamination, contractors dug a foot deeper and excavated more soil. A total of 272 tons of contaminated soil was taken from the site.

The company was fined \$4,915.30 for the first spill after the site was cleaned up.

According to DEP records, Cabot was never fined for the second spill.

Cabot spokesman George Stark said the company "works hard to ensure that we have a plan in place to control and maintain any accidental release.'

Contact the writer:

llegere@timesshamrock.com