



Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building

P.O. Box 2063

Harrisburg, PA 17105-2063

July 9, 2010

Secretary

717-787-2814

The Honorable Lisa Baker, Chairman  
Veterans Affairs & Emergency Preparedness Committee  
Senate of Pennsylvania  
Senate Post Office Box 203020  
Harrisburg, PA 17120

**RECEIVED**

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**HARRISBURG**

Dear Senator Baker:

Thank you for the opportunity to provide testimony during the June 29, 2010, Senate Veterans Affairs & Emergency Preparedness Committee hearing on the safety measures in place for Marcellus Shale drilling. I am writing to respond to questions raised during the hearing.

Senator Robbins inquired about the cases where emergency response teams from the Department of Environmental Protection were dispatched. The attached information responds to Senator Robbins' request.

I hope this information is helpful. If you have additional questions or require further clarification, please contact Robert Maiden, Legislative Director, by e-mail at [rmaiden@state.pa.us](mailto:rmaiden@state.pa.us) or by telephone at 717-783-8303.

Sincerely,

John Hanger  
Secretary

Enclosures

cc: Honorable Mary Jo White, Majority Chair  
Honorable Edwin R. Erickson, Vice Chair  
Honorable Elder A. Vogel, Jr.  
Honorable Donald C. White  
Honorable Gene Yaw  
Honorable Raphael J. Musto, Minority Chair  
Honorable Andrew E. Dinniman  
Honorable J. Barry Stout  
Honorable Anthony H. Williams

**Emergency Responses to Oil & Gas Problems between 06/25/2009 & 06/25/2010  
Prepared 07/01/2010**

1. 265441                    **Region:** EP NWRO Meadville                    **Date Received** 08/10/2009  
**County:** Warren                    **Municipality:** Warren City  
**Long Description:** Sheen on Conewango Creek - Gary Wozniak received a call from the Warren FD regarding an unknown sheen on Conewango Creek. The location provided was at the intersection of Conewango and Glade in the City of Warren. Rich Sheriff was dispatched and later reported that he had located an oil well that had released an unknown amount of crude oil. The water surrounding the well is knee deep. It is believed that the well is owned by Tom Pellegrino. Down a dirt lane across Conewango Avenue from corner of Conewango Avenue and Glade Avenue. 5 Bbls
2. 266594                    **Region:** EP NERO Wilkes Barre                    **Date Received** 09/16/2009  
**County:** Susquehanna                    **Municipality:** Dimock  
**Long Description:** CALLER STATED THAT 140 BARRELS OF FRAC GEL WAS SPILLED ONTO THE GROUND. Remarks: At about 2130 hrs., an O-ring in a joint in the supply pipe to the drill pad malfunctioned and spillage of 124 - 140 barrels (5000-6000 gal) of frac water in the line up to the tank farm occurred. The water flowed in a perimeter ditch to the edge of the pad through a wetland eventually to the adjacent stream. On my arrival, there was still water in the ditch and workers were in the process of containing and pumping the runoff from the spill. DEP met with Steven Knight and he told me that the water was treated with a gel compound, which lowers the friction of the water and makes it easier to pump and use higher pressure in the frac process. The gel is water-soluble and Mr. Knight said it posed minimal safety issues. Earlier in the day a similar spill occurred of about 1000-1500 gallons. Steve Watson (O&G) was on site and agreed with the cleanup plan to contain and pump the residual water to a tank and then flush the surface of the pad and wetland with water to the containment and pump it also into a tank for disposal. Mr. Knight made this same proposal for cleanup and DEP agreed based on the earlier cleanup process. DEP told him that O&G personnel would be on site to make any further cleanup decisions and approvals.
3. 267033                    **Region:** EP NWRO Meadville                    **Date Received** 10/11/2009  
**County:** Clarion                    **Municipality:** Elk  
**Long Description:** Water Diminution/Loss - Complainant contacted our after hours number and spoke with Duty Officer Gordon Buckley. He thinks that gas is entering his basement through his water line. Gordon instructed complainant to contact the local fire company and advised that an ERT member would be dispatched.  
[REDACTED]
4. 267180                    **Region:** EP NWRO Meadville                    **Date Received** 10/18/2009  
**County:** Forest                    **Municipality:** Howe  
**Long Description:** Crude Oil Release to Tionesta Creek - Julia White from the PSP, Tionesta Barracks contacted Duty Officer Gary Wozniak to report a crude oil release to Tionesta Creek. Warren County Emergency dispatch (814-563-3500) report that Sheffield and Cherry Grove VFD have been dispatched to the scene. Route 666 to Sheriff; look for the parking lot on the south berm at PSP communications pole; cross Tionesta Creek to the mouth of Hastings Run; proceed upstream approximately 450 feet to Lower Vineyard lease. DUHRING RESOURCES is the suspected RP

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**5. 267298**                      **Region:** EP NERO Wilkes Barre                      **Date Received** 10/16/2009  
**County:** Susquehanna                      **Municipality:** Rush  
**Long Description:** Caller stated that workers from Turm Oil Company are drawing water from Elk Creek without the proper permits. Request by Bisignani to respond to a report of a hose line that was either discharging to Elk Lake Stream from a tank or withdrawing water from the creek, at a natural gas well site. 10 Baker tanks staged on site with approximate capacity 21,000 gallons each. Linde was the tanker truck operator, which was transporting water from the Baker tanks to off site locations. There was a 6' collapsible hose that fed the Baker tanks from a pump located at the stream side, approximately 400' from the site and adjacent to the nearby bridge on Pierson Road.

**6. 267331**                      **Region:** EP NCRO Williamsport                      **Date Received** 09/02/2009  
**County:** Lycoming                      **Municipality:** Wolf  
**Long Description:** CHIEF OIL & GAS LLC Tank truck leaking a thick liquid

**7. 267332**                      **Region:** EP NCRO Williamsport                      **Date Received** 09/12/2009  
**County:** Bradford                      **Municipality:** Granville  
**Long Description:** drilling pit discharge - the company was draining the pit after drilling and released 10,000 gals of drilling pit water.

**8. 267335**                      **Region:** EP NCRO Williamsport                      **Date Received** 09/22/2009  
**County:** Clinton                      **Municipality:** Pine Creek  
**Long Description:** A Chesapeake truck spill drilling sludge on the roadway on I-99 at Avis lost about 16,000 lbs. Of sludge.

**9. 267757**                      **Region:** EP NCRO Williamsport                      **Date Received** 10/08/2009  
**County:** Tioga                      **Municipality:** Jackson  
**Company Name:** **Long Description:** EAST RESOURCES INC. had a Hydrochloric Acid Release from a gas well and 70 gallons to soil at the Stephenowich Well Site

**10. 268103**                      **Region:** EP SWRO Pittsburgh                      **Date Received** 12/06/2009  
**County:** Washington                      **Municipality:** Hopewell  
**Long Description:** Atlas well site Cowden #17 has two impoundments. One of them is overflowing and the complainant's yard is being flooded. The impoundment started overflowing on 12/05/09. A 2nd complainant called on 12/07/09 at 9:00 am. Odor was bad over weekend. Concerned because she lives near a tributary and she has well water. Would like her well water tested. She has three children and is concerned about the water. 3rd complainant is property owner wants to be listed on this complaint also. Complainant #5 Congressman Murphy's office was calling on behalf of Complaint #2 - contact Ryan McGregor email address: [ryan.mcgregor@mail.house.gov](mailto:ryan.mcgregor@mail.house.gov)

**11. 268407**                      **Region :** EP NERO Wilkes Barre                      **Date Received:** 12/21/2009  
**County :** Susquehanna                      **Municipality :** Dimock  
**Long Description:** FRAC SPILL - CALLER STATED THAT DUE TO A COMPROMISED ELBOW, FOURTEEN BARRELS (675 Gals.) OF FRAC FLUID WERE SPILLED ONTO THE GROUND from a CABOT OIL & GAS CO well.

**12. 268642**                      **Region:** EP NCRO Williamsport                      **Date Received** 11/22/2009  
**County:** Bradford                      **Municipality:** Armenia  
**Long Description:** FORTUNA ENERGY CORP had a frac flow back water spill from the a pumper truck because the packing on the truck failed causing the release of 6000 gals. of Drilling Pit Water. This occurred at the Klein Well

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**13. 268690**                      **Region:** EP NERO Wilkes Barre                      **Date Received** 01/04/2010  
**County:** Susquehanna                      **Municipality:** Auburn  
**Long Description:** CALLER STATED THAT, DUE TO A COMPROMISED TRANSFER PIPE, THE CONTRACTOR LOST CONTROL OF THE GAS WELL WHILE FRACING THE WELL. Report of loss of control of the well during the fracking process. Upon arrival at the site DEP met with Brian Grove and viewed the site. Personnel at the site including Rafael Rodriguez reported that the well was in the last stage of the frac and was about 70% completed when a "Y" pipe connection failed. At the time, the system was under about 6388PSI and an unknown amount of frac fluid was lost to the pad. Once the pressure was bled off the well, valves were able to be closed and shut in the well and frac fluid was pumped into tanks on the site. The frac fluid that was on the pad was being contained and vacuumed up. Some fluid had leaked through the well pad and was noticed on the downlope side between the pad and silt fence. Excavators were arriving at the site upon my arrival and the plan was to doze the contaminated soil and prepare for removal.

**14. 268916**                      **Region:** EP NERO Wilkes Barre                      **Date Received** 01/16/2010  
**County:** Susquehanna                      **Municipality:** Brooklyn  
**Long Description:** CALLER STATED THAT THERE IS AN OIL AND GAS VEHICLE, PARKED NEXT TO THE COMPLAINANT'S PROPERTY, THAT IS LEAKING DIESEL FUEL ONTO THE GROUND. There is a reddish colored fluid leaking from a truck along SR2057 approx. 1mi. North of SR2024. Upon my arrival, a seismic vibrator truck was pulled off the road and being repaired. Anthony Brown was one man on site working on the repair and he reported that a hydraulic line broke and the fluid spilled was ATF (automatic transmission fluid). A blue tarp was already in place under the truck with speed dry used to absorb the fluid. A couple of reddish spots were noticed in the snow. The workers stated that they would be disposing of the speed dry and when the truck repair was completed, any fluid contaminated snow would be picked up and also disposed of.

**15. 269061**                      **Region:** EP NERO Williamsport                      **Date Received** 01/16/2010  
**County:** Lycoming                      **Municipality:** Penn  
**Long Description:** Leak in waste water impoundment at the Marquardt Well site #8494H off Marquardt Road. Marquardt gas well had a torn liner, pictures taken

**16. 269169**                      **Region:** EP NERO Wilkes Barre                      **Date Received** 02/03/2010  
**County:** Susquehanna                      **Municipality:** Dimock  
**Long Description:** CALLER STATED THAT THERE IS A WASTE WATER DISCHARGE FROM ONE OF THE CUTTING LAGOONS. Cabot Oil and Gas self reported the incident. Approx. 1500 hrs, 02/03/2010, the property owner alerted the site supervisor, Rick Cotton of a black water discharge just south of the drilling pad. Upon Cabot's investigation, they found the discharge and traced it back to the well pad and the cutting lagoon. They found that the plastic liner of the lagoon had torn and was leaking the water and cuttings from the well. They took steps to pump the lagoon down and placed Barite (clay) in the hole to stop the leak. Upon my arrival, several vac trucks were on site pumping out the lagoon and the contractor for repairing the liner had been notified and was in route to the site to repair the torn liner. Reported ETA was 0100-0200. DEP investigated the discharge point and noted that the black water was still discharging. At that time DEP did not follow to the stream. Before my departure, the contractor to repair the liner had arrived and work was under way to clean the liner so that a patch could be applied. Mr. Cotton advised that a double layer patch repair would be used and welded to the liner already in place. They had also collected a water sample from the discharge and will have their contractor analyze it and they can provide analytical results to the Department.

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**17. 269329**                      **Region:** EP NCRO Williamsport                      **Date Received** 02/20/2010  
**County:** Lycoming                      **Municipality:** Shrewsbury  
**Long Description:** XTO ENERGY INC (FRMLY LINN OPERATING) had a release of 150 barrels (6300 Gal) of water-based drilling mud

**18. 269644**                      **Region:** EP SWRO Pittsburgh                      **Date Received** 10/13/2009  
**County:** Allegheny                      **Municipality:** Ohio  
**Long Description:** Stray combustible gas in two private water supply wells  
On 10/13 DEP responded to a report by Equitable Gas Co. of stray combustible gas in two private water supply wells at 117, and 126 O'Neil Lane in Ohio Twp., Allegheny County. The well at 126 O'Neil is located inside the residence in the basement; the well at 117 O'Neil is located in an unobstructed breezeway. Combustible gas concentrations in both wells are in the range of 20-30% gas. Given the potential hazard at 126 O'Neil Lane, Equitable Gas terminated gas service, and the occupants have been evacuated until a combustible gas alarm and an effective vent can be installed on the water well. DEP met with Equitable officials, the Ohio Twp. EMS manager, and both homeowners and advised them on proper vent procedures and the scope of the investigation. Gas samples were also collected from both wells and from Equitable's gas transmission line for molecular and isotopic analyses. Results for isotopic analyses will help us determine the origin of the stray gas. Thus far, Equitable's investigation has revealed that there are no leaks in their lines that could be contributing to the stray gas.

**19. 269749**                      **Region:** EP NCRO Williamsport                      **Date Received** 03/15/2010  
**County:** Lycoming                      **Municipality:** Cummings  
**Long Description:** A Tributary was milky and there was Foam on the water, which raised concerns of methane release by PGE CORP at the South end of Ramsey Forestry Road

**20. 270177**                      **Region:** EP NERO Wilkes Barre                      **Date Received** 03/27/2010  
**County:** Susquehanna                      **Municipality:** Dimock  
**Long Description:** CALLER STATED THAT THERE IS A DICHARGE FROM A CONVEYANCE LINE THAT IS LOCATED ON THE GESFORD PAD # 7 OFF CARTER ROAD. Request by Bob Bisignani to respond to two incidents in Dimock Township concerning oil and gas related issues. ██████████ explained that she was concerned about a seep along Rt 29 where the Department had collected samples earlier in the week. DEP stated that DEP was not aware if the sample results had been reported by our lab, but suspected not, and agreed to check on the condition of the seep that she described as "continuing to discharge". Secondly, ██████████ stated that there is a section of piping that travels under Carter Road that conveys frac fluids and is leaking all over the road. Arrived at the Hubbard Well Seep/Carl Fuller Property along Rt 29. There were three stations along the roadside swale (west side of Rt29) that had been erected to collect surface water. A vac-truck was idling in the Fuller's driveway and was actively pumping water from two of the three locations. Met with the driver Daniel Mays-DGS (Gas Drilling Services 570-278-7118) who informed me that he has been on site since 3/24 and the rate of surface water collection has been reduced by about ½ since then. Two vac-trucks reportedly change out every 3-4 hours/24 hours per day and the liquids are pumped into a 22,000 gallon tanker located on the property. Mr. Mays reported that the tanker had not yet been filled since the seep was first reported. Inspection of the "seeps" identified clear water with neither odor nor evidence of sedimentation. The furthest up gradient collection point appeared to have a surface film consistent with iron bacteria type iridescence. 12:40 Arrived at the Gesford well #7 and did not observe any conditions reported by the complainant. Met with Mr. Asa Stevens-Project manager with Summerset Regional Water 570-836-3577 who informed me that the current activity on site involves fresh water storage for use with the current fracturing activities on Gesford #5. Mr. Stevens reported that (91) 22,000 gallon storage tanks are housed at Gesford#7 and supply the fresh water through a 12" black

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poly pipeline that passes under Carter Road, and noted the process of providing water to Gesford #5 began on 3/25/10. There was no evidence of leakage from the piping. However, the site was not actively pumping water to Gesford #5 (pumping activities occurred between 9:00-11:00 this morning per Mr. Stevens). An inspection of Gesford #7 did not identify any chemical storage and the site appeared to be adequately bermed.

**21. 270517**                      **Region: EP NERO Wilkes Barre**                      **Date Received 04/08/2010**  
**County: Susquehanna**                      **Municipality: Dimock**  
**Long Description:** Dimock gas drillers had 2 tanker trucks with hoses coming out and illegally discharging a liquid into a ditch next to Route 29 near the old veal plant. The complainant reported that she observed a water truck parked along T384 with hoses out and discharging water to the roadside swale. She phoned in the complaint when she got home about an hour later. Upon arrival, there were no trucks on the road. At this location, formerly known as the veal farm, there is a tank farm for the oil and gas activities and site manager Karl Reploeg was interviewed. He stated that there were no trucks discharging there. He did report that earlier in the day, they did have a water truck spraying water on the dirt road for dust control. He also stated that north on Route 29, there was a truck vacuuming water from a ditch at a suspected discharge. DEP drove north and observed this truck but it did not fit the description of the location given by the complainant. DEP returned to the reported location and manager Larry Mostoller, manager for Somerset Regional Water Resources arrived and also reported that there were no discharges at the site. DEP observed a small flow in the ditch, but this was originating from upstream of the tank farm. DEP saw no evidence of water discharges from truck.

**22. 270579**                      **Region: EP NERO Wilkes Barre**                      **Date Received 04/10/2010**  
**County: Susquehanna**                      **Municipality: Dimock**  
**Long Description:** CALLER STATED THAT THERE WAS A 15 GALLON OF DRILLING MUD SPILLED AT THE D BERRY 2H SITE. Cabot O&G called to report a small drilling mud spill. During drilling operations, the discharge for drilling mud and cuttings into the cuttings lagoon had a burst of compressed air and water and resulted in splash from the water in the pit up and over the edge of the pit. Mr. Theriot estimated that approximately 30 gallons of drilling mud was splashed out. This was evident by the very small area of ground affected (approximately 20' by 15'). The spill was cleaned up and the discharge pipe was removed to have a different discharge end put on to direct the water down and minimize the risk for similar splash occurrences. On a separate issue, upon my arrival, another problem had occurred in that the pit liner had developed a hole and groundwater was bubbling up into the pit. Cabot was already in the process of pumping water from the pit and beneath the liner to expose the hole. At the time of my departure from the site, the plastic repair company had arrived and repair of the hole was to begin.

**23. 270902**                      **Region: EP NERO Wilkes Barre**                      **Date Received 04/21/2010**  
**County: Susquehanna**                      **Municipality: Dimock**  
**Long Description:** A 5 GALLON PAIL MAY HAVE FALLEN OFF A CABOT OIL & GAS CO CONTRACTORS WORK TRUCK. MATERIAL HAS SPILLED OUT AND HAS A STRONG ODOR. Steve Watson, DEP Oil and Gas Inspector was traveling SR 2024 and noticed a 5 gal pail and an unknown substance spilled along SR 2024 at the driveway entrance to the Baker 1V-3H well site. Steve stopped and detected a chemical odor and called Kevin Augustine, ERT Manager, to report the spill. While he was stopped, Cabot employees Phil Hill and Rick Mullins drove by and stopped. Steve discussed with Cabot and they agreed to clean up the driveway. Upon my arrival, it was apparent that the site was cleaned by new gravel on the driveway but there was still an odor. PID and 5 star meters were used to evaluate the site. After turning on the PID and fresh air setup, DEP used a sharpie to test response and there was a reading of 49.8. After this cleared, DEP investigated the site and noted some minor staining at both ends of the driveway in the road

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swales. PID readings were 0. Comb. ; 0, H2S ; 0, CO ; 0, O2 ; 20.8. Steve Watson returned while DEP was conducting the site evaluation and Rick Mullins from Cabot and Guy Parish who did the cleanup also arrived. We reviewed the cleanup and noted some additional areas that needed to be cleaned (photos attached). Mr. Parish reported that the 5 gal pail had stenciled marking on it as "Biocore 2899", but it is not known if the spilled substance was this product. Mr. Mullins will have Mr. Parish and his crew return to finish cleaning the last few areas. Prior to my departure, Mr. Parish and his crew arrived and we reviewed the cleanup. the one side of the driveway had water in it and Mr. Parish asked what DEP would suggest to clean the swale with the water. DEP told him that if they had some absorbent material, put that down to absorb the water and then clean up the stained soil. Drum up all the dirty soil and dispose of properly. DEP phoned Susq. Co. EMA as a courtesy call for the site investigation.

**24. 271087**                      **Region:** EP NCRO Williamsport                      **Date Received** 05/02/2010  
**County:** Tioga                      **Municipality:** Shippen  
**Long Description:** The Johnson 435 gas well at 1409 Rt 362 Wellsboro PA Well has been leaking for 2 months; grass dying

**25. 271490**                      **Region:** EP NWRO Meadville                      **Date Received** 05/18/2010  
**County:** Warren                      **Municipality:** Sheffield  
**Long Description:** Spring Water Source Impacted by Oil & Gas Activity - Duty Officer Gordon Buckley received a call from Dan with the Sheffield Township Police Department (814-968-5610). They had received a call from Complainant indicating that a spring water source used by 13 residences was flowing milky white. Complainant believes this was caused by oil and gas drilling activities conducted by Duhring Resources. From Marienville, follow Route 66 north; take Route 948 north through Brookston; after crossing the Forest/Warren county line, turn right onto Cherry Run Road (aka Forestry Road 148); travel approximately 300 yards to a bridge crossing the South Branch of Tionesta Creek; at the end of the bridge, turn right (marked Cherry Run Road); travel to the first house (596 Cherry Run Road); there are 12 or 13 camps past 596 Cherry Run Road who also utilize this spring water source

**26. 271662**                      **Region:** EP NCRO Williamsport                      **Date Received** 05/21/2010  
**County:** Tioga                      **Municipality:** Richmond  
**Long Description:** EAST RESOURCES had an uncontrolled gas well leak at their Benson 130D well on Valley Road

**27. 271767**                      **Region:** EP NERO Wilkes Barre                      **Date Received** 05/29/2010  
**County:** Susquehanna                      **Municipality:** Dimock  
**Long Description:** An O + G tanker truck discharged an unknown liquid onto Route 29 North of Springville. DEP Responded to a call about a truck spill on Route 29 south bound that ran from the town of Dimock to the town of Springville. DEP reached the town of Springville and kept driving north looking for signs of a spill on the road, arriving in the town of Montrose approximately 6 miles north of Dimock but did not see any signs of a liquid spill. Began the return trip south on Rote 29 still looking for evidence of a spill and coming to the town of Dimock, decided to take photos of Route 29 where possible. Nothing found

**28. 271920**                      **Region:** EP NCRO Williamsport                      **Date Received** 06/04/2010  
**County:** Clearfield                      **Municipality:** Lawrence  
**Long Description:** EOG RESOURCES INC Lost control of gas well; natural gas and frac water geyser Control of well lost and natural gas/frac water; flow back water identified at Well 36H on Punxsutawney Hunt Club

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**29. 271987**                      **Region:** EP NCRO Williamsport                      **Date Received** 06/09/2010  
**County:** Centre                      **Municipality:** Burnside  
**Long Description:** ANADARKO E&P CO LP pipeline to transport fresh water to holding tanks on the well pad leaked at seal

**30. 272057**                      **Region:** EP NERO Wilkes Barre                      **Date Received** 06/12/2010  
**County:** Susquehanna                      **Municipality:** Auburn  
**Long Description:** CALLER STATED THAT THERE IS AN ORANGE COLOR DISCHARGE BUBBLING UP UNDER A NEWLY INSTALLED NATURAL GAS PIPELINE. Request by Bob Bisignani to respond to a report of an orange seep emanating from a recently installed natural gas pipeline. Met with [REDACTED] who informed me that the underground natural gas pipeline that transects the property was installed in March 2010. Above the pipeline, exists a temporary black poly water supply line installed in May 2010 for a down gradient fracking operation. The area is located at the base of a small mountain. Inspection of the area identified three distinct source areas with seepage emanating from the soil above the gas pipeline. The source areas had an orange gelatinous mass with an iridescent sheen similar to an iron-bacteria formation. There was no obvious odor. The orange substance was present near the seepage source only, and the downstream runoff was clear. [REDACTED] stated that the seeps were not present yesterday, and noticed this morning; [REDACTED] reportedly contacted Chesapeake Oil earlier in the day, and a representative from Great Plains collected a sample of the orange material prior to my arrival. DEP explained that DEP believed the material was a naturally occurring iron bacteria-type substance, and the seepage was likely caused by French drain conditions created by the pipeline excavation zone material, which would be loosely consolidated and more porous relative to the surrounding virgin earth. [REDACTED] domestic water supply well was reported to be roughly 6' in depth; however, the well location is approximately 400' away from (northwest) and topographically up gradient from the seep area.  
Site was photo documented. DEP noted that the complaint would be referred to the Oil & Gas Program.

**THE FOLLOWING INCIDENTS WERE NOT LISTED UNDER THE Oil & Gas Well Incident Type. These were found under Air Quality or Water Quality or Waste Management incident types instead.**

**31. 267836**                      **Region:** EP SWRO Pittsburgh                      **Date Received** 11/18/2009  
**County:** Allegheny                      **Municipality:** Tarentum Boro  
**Long Description:** Venting Methane in a 15'-20' ft stack. Person nearby has asthma and is sensitive to chemicals. She has had problems for 3 days and believes the methane is penetrating into her home. She was not informed they were going to do this. Service Rep called Fred Baldassare who is on this project. He asked Service Rep to have complainant call him.

**32. 265706**                      **Region:** EP SWRO Pittsburgh                      **Date Received** 08/15/2009  
**County:** Allegheny                      **Municipality:** Versailles Boro  
**Long Description:** A methane alarm at the Eros property went off. Stray combustible gas (primarily methane) from abandoned gas well(s) in Versailles Borough had been discovered on this property in 2008 and subsequently mitigated with two vent systems. The Department installed an alarm in the residence to, in part, monitor the effectiveness of the vent systems. The residents had also installed an additional consumer type combustible gas alarm. It was the residents' alarm that alarmed on 8-15, however, the industrial alarm installed by the Department did not alarm. Upon my arrival at approximately 13:30, the alarm was not sounding but had a reading of 16ppm on the display. DEP completed a thorough combustible gas survey on the basement and first floor levels with an MSA 62S and the more sensitive Innova meter. All locations were non-detect. DEP also conducted monitoring at the two vent

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systems. The vent system closest to the home revealed N.D. for combustible gas, the vent system for the garage had a concentration of ~6% L.E.L. The residents were advised of the readings. The residents inquired about why the alarm sounded if gas was N.D. DEP explained that it could be that the consumer alarm is more sensitive to compounds other than methane which may have triggered the sensor.

**33. 271380**                      **Region: EP SCRO Harrisburg**                      **Date Received 05/08/2010**  
**County: Bedford**                      **Municipality: Bedford**  
**Long Description:** Met with Mr. Daniel Duraso (Area Supervisor). Mr. Duraso escorted me around the grounds. DEP completely circled the emergency blow-off stack at a radius of 40-50 yards. DEP did not observe any evidence of petroleum product on the ground, or on the stack. Mr. Duraso said that at about 1418 a crew member opened a pilot gas valve out of sequence and created a gas blow-off that lasted for approximately 4-minutes. After the release was stopped, the facility searched their grounds for petroleum product deposits, then drove along rear-by down-wind roads searching for the same. Mr. Duraso informed me that they did not find any. DEP did not observe any signs of petroleum product deposit along Rt. 220. Duty Officer was updated. On 5/8/10 Sean Cramer, Spectra Energy's Northeast Regional Environmental Coordinator, notified the Department of an Emergency Station Shutdown (ESD) at the Bedford Compressor Station located in Bedford Township. SCRO Emergency Response responded and no evidence an oil release was noted. The company was advised to include the emissions from the natural gas venting resulting from ESD on their next annual emissions report.

**34. 265992**                      **Region: EP SCRO Harrisburg**                      **Date Received 08/25/2009**  
**County: Bedford**                      **Municipality: Monroe**  
**Long Description:** Synthetic motor oil finely aerosolized by high-pressure natural gas formed a plume about a mile in diameter around the compressor station. Station's emergency shut down system functioned. Unknown amount of oil and methane released. Spectra Energy doing remediation. Alarm and release heard by residents. Release thought to have lasted about 25 minutes. Steckman's Ridge Compressor Station, 4 miles southeast of Clearville, Bedford Co, on Rock Hill Church Road. arrived at site of reported Spectra Energy release of methane and compressor oil in Monroe Twp., Bedford County at 10:20. Ralph Himes collected a sample of complainant's Drinking Water (DW) and a Field Blank at the site to perform DW VOC testing. We left site at 11:30. The DW sample and Field Blank were sent to PA DEP Bureau of Labs for testing. MAS 10/02/09 Ralph Himes called complainant to discuss results and also mailed complainant a copy of their DW report and of the associated Field Blank.

**35. 271156**                      **Region: EP NWRO Meadville**                      **Date Received 05/04/2010**  
**County: Clarion**                      **Municipality: Elk**  
**Long Description:** Earl Breese from ERTS (440-536-0058) contacted Duty Officer Gordon Buckley to report a 170 gallon Biocide spill at an oil and gas well site. The well site was reported to be on Station Road. Knighttown Road (as per John Thomas' report) PEMA's report indicated Station Road Responded to a spill at a well operated by EQT; permit number 031-25297, located on the Wedekind farm in Elk Township, Clarion County. Chad Abshire, of Halliburton, reported a spill of 170 gallons of biocide, BE-9 (a Halliburton product), onto the well location. A cleanup contractor R.D. Johns & Sons, Inc., was enroute and arrived on site about 6:20 PM. They first used a vac truck to recover the product that was ponded on the location, then we agreed on the area of the location that was to be excavated. The material was placed into 2 lined roll-offs. Keith Muir (724-541-1443) of R.D. Johns said that he planned to take the excavated material to a landfill in Mahoning, Ohio. The EQT Completion Supervisor was Jeff Dunham (412-334-9630). The EQT Environmental Supervisor was Jerry McGinnis (412-667-1879). DEP arrived on site at 6:00 PM and left the site at 9:55 PM. Responded to Marcellus well site with John Thomas. Spillage had

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occurred the prior evening; liquid spillage was vacuumed into retainer tank for processing with brine water; excavated soil with biocide contamination placed into on-site roll-off box, which was later transported to landfill facility in Ohio. Transportation Company was contacted & reported that soil was being staged in Ohio for analysis & later disposal. MSDS information did not show hazardous waste characteristics.

- 36. 271780**                      **Region :** EP NWRO Meadville                      **Date Received:** 05/29/2010  
**County:** Jefferson                      **Municipality:** Eldred  
**Long Description:** Gas Well Fire on Julia Way. PEMA contacted Duty Officer Gordon Buckley to report a gas well fire on Julia Way in Eldred Township, Jefferson County. Jefferson County 911 reported that a well representative was on scene to shut down the well. National Fuel Gas had put out the fire and fixed the line. They had put some water on the immediate area to cool off the leaf litter. DEP met the property owner (Matthew Blair 610-737-4102), who reported the fire at his camp. Mr. Blair walked back to the site with me and said that there was a severe thunderstorm the day before and her surmised that this might be the result of a lightning strike.
- 37. 267283**                      **Region:** EP NCRO Williamsport                      **Date Received** 07/27/2009  
**County:** Lycoming                      **Municipality:** McNett  
**Long Description:** Gas Well Leak w/ Evacuations from the East Resources Delcitto well #2
- 38. 267591**                      **Region:** EP SWRO Pittsburgh                      **Date Received** 11/04/2009  
**County:** Washington                      **Municipality:** Cross Creek  
**Long Description:** Stray Gas/Methane gas - James Orr Atlas Resources (724)323-4874 is requesting DEP Investigation of water supply claim from Edna Moten. Mrs. Moten is an elderly lady, please contact her daughter Carol Jean Moten 724/356-6213. Information gathered from Carol. Problem started in Fall 2008 (Sept.?) Mrs. Moten has skin irritation/rash on her back started in Sept. 2009. Lost weight in past year. Also mentioned that on 1/20/09 John Moten her husband, passed away. Cause of death was Internal Sepsis. Atlas Water Sample states .18mg/L of Methane present in well. Other parameters appear OK for well water. Need to verify is Methane is naturally occurring or from drilling operations.
- 39. 270615**                      **Region:** EP SWRO Pittsburgh                      **Date Received** 04/03/2010  
**County:** Westmoreland                      **Municipality:** Loyalhanna  
**Long Description:** A brush fire approximately four acres in size occurred in Loyalhanna Township. A structure and a gas well are threatened. UPDATE - Westmoreland County, 5:02 p.m., 4/3/10 - The fire has expanded past four acres, but the exact number is unknown. There are an unknown amount of tires involved as well. More information will follow as it is received from the county.
- 40. 266375**                      **Region:** EP SWRO Pittsburgh                      **Date Received** 10/07/2009  
**County:** Greene                      **Municipality:** Jefferson  
**Long Description:** Complainant said that her water has turned muddy since they started drilling operations. It is starting to clear a little, but feels if they continue she will have more problems.
- 41. 269618**                      **Region:** EP NWRO Meadville                      **Date Received** 03/11/2010  
**County:** McKean                      **Municipality:** Bradford  
**Long Description:** SCHREINER OIL & GAS INC Crude Oil Release on Hedgehog Lane. Glenda from McKean County 911 called to report a crude oil spill at 158 Hedgehog Lane. According to McKean County 911, this involves a possible vandalism at one of Schreiner's tanks. McKean County 911 received the call from someone they believe to be a passerby. McKean County 911 also stated that

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American Refining was contacted and is enroute. It is not known what relation American Refining has with this incident (possible cleanup contractor for Schreiner?). Approximately 2,400 gallons of crude oil is believed to have been released. Bradford Township Police and Bruce Manning from McKean County EMA are on scene. It was later reported that representatives from Schreiner are also on scene. The crude oil has gone into an UNT to Marilla Brook. Gary Wozniak notified the NRC (NRC Report #933622).

**42. 272206**                      **Region:** EP NWRO Meadville                      **Date Received** 06/20/2010  
**County:** Venango                      **Municipality:** Sugarcreek Boro  
**Long Description:** Crude Oil Spill to Brannon Run - Venango County 911 contacted Duty Officer Gary Wozniak to report a 100 gallon crude oil release to Shaffer Run. The location provided was 191 Shaffer Run Road. It was later reported by Gordon Buckley that the actual tributary involved was Brannon Run.

**43. 272408**                      **Region:** EP NWRO Meadville                      **Date Received** 06/28/2010  
**County:** Warren                      **Municipality:** Brokenstraw  
**Long Description:** 15 BBL Oil Spill in Telick Run - Warren County 911 contacted Duty Officer Gordon Buckley to report a crude oil spill in Telick Run. The source and quantity of the spill is 15 BBL. It is reported that Catalyst Energy is providing cleanup.

**44. 269874**                      **Region:** EP NWRO Meadville                      **Date Received** 03/13/2010  
**County:** Warren                      **Municipality:** Youngsville Boro  
**Long Description:** Leaking Crude Oil Storage Tank - Answering service reported call from [REDACTED] about leaking crude oil storage tank. At 18:17 Contacted [REDACTED] who reported crude oil from storage tank on adjacent property was running on to her property and entering small unnamed tributary that eventually leads to Brokenstraw Creek. At 18:26 Contacted Warren Co. 911 and requested, someone respond and determine extent of contamination. At 19:44 Called Warren Co. 911 back to request update on incident. Warren Co. 911 responded that they were about to call me and request DEP assistance at incident. They reported Gale Anderson was in route and would be incident commander. At 19:50 Contacted Gale Anderson who explained he was a couple minutes away and that Youngsville PD personnel on site reported extensive contamination and requested DEP assistance. It was unknown for sure but local responders suspected either Ed Dicky or Robert Clark Jr. or Sr. were RPs and attempts to contact all had been unsuccessful. 401 Oak Street Extension. West of Dillon Drive entrance to Rouse Annex, turn north onto Oak Ext, [REDACTED] stock tank is just across driveway to south. 7 Bbls