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From: **Lujan - DNR, Carlos** <[carlos.lujan@state.co.us](mailto:carlos.lujan@state.co.us)>

Date: Fri, Aug 28, 2015 at 1:30 PM

Subject: Fwd: Pipeline Release Notification

To: Stuart Ellsworth <[stuart.ellsworth@state.co.us](mailto:stuart.ellsworth@state.co.us)>

Cc: "Deranleau, Greg" <[Greg.Deranleau@state.co.us](mailto:Greg.Deranleau@state.co.us)>, Alex Fischer <[alex.fischer@state.co.us](mailto:alex.fischer@state.co.us)>

Stuart,

This email is to share with you information about **two (2) produced water pipeline releases** occurred recently in the Divide Creek area (south of Silt, between Divide Creek road and Dry Hollow road). No water of the State has been impacted. The segment of pipeline was shut-in and Vanguard is working on the clean-up. In both cases, the releases were more like a leak, a slow release, rather than a large sudden flow. Their environmental consultant has been taking soil and surface water samples to delineate and assess the impact. I indicated to Vanguard that COGCC will require information regarding pipeline pressure tests.

**Release #1.** Spill report doc #400889511,  
Spill/release point ID #442980 (coords: 39.491857, -107.618509)

Vanguard was notified by the surface owner at approximately 5 PM on Friday, Aug 21. Scott Ghan, from Vanguard called me at about 6:00 pm to notify me about the release. Vanguard started pipeline shut-in and clean-up operations the same evening and Scott and I met on site, the next day, Saturday, Aug 22 at 9:00am

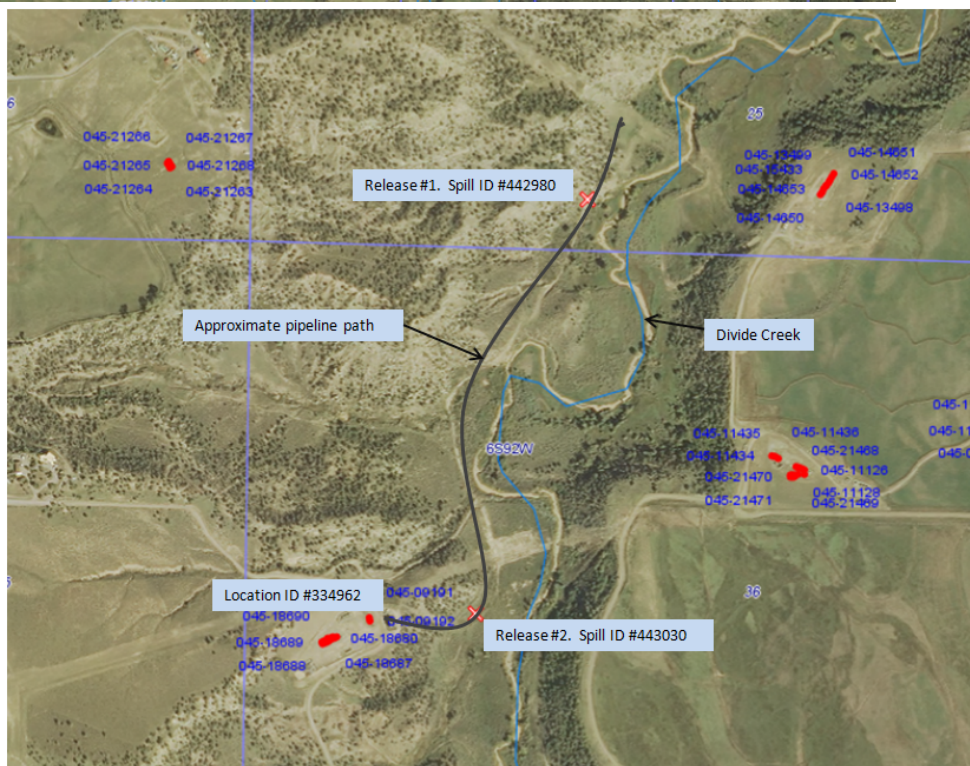
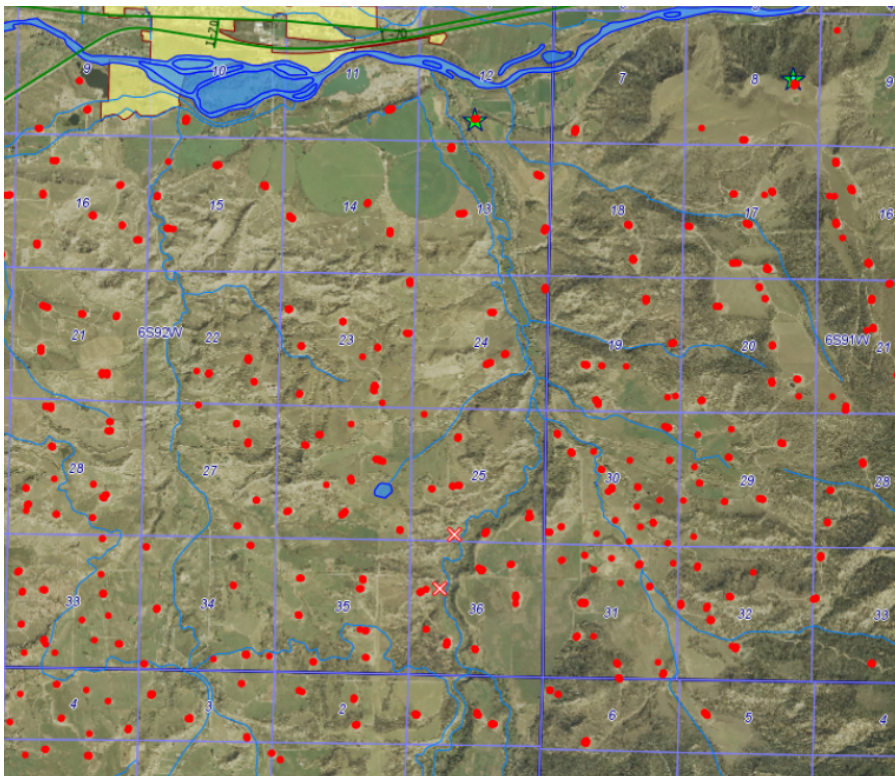
**Release #2.** Spill report doc #400890172  
Spill/release point ID #443030 (coords: 39.485959, -107.620325)

I visited the site on Tuesday. Pipeline had not been uncovered but moisture, salt and stressed vegetation suggested strongly that a (historical?) produced water leak had occurred. The narrow path of stressed vegetation was about 100 feet.

**Closest API: 045 09191.** Actually, I believe it is the same pad where the pipeline ends. The segment of pipeline shown in the figure below is the segment of pipeline that was shut-in when Vanguard discovered the first release.

When Scott Ghan (Vanguard) was notified of the first release, he was worried that the flow of produced water could reach the creek. It did not.  
After the discovery of the first release and shutting in the segment of pipeline, Vanguard conducted an inspection and identified a second release (#2) about 1/2 mile south of the first one.

Please let me know if you need additional information.  
Thanks,  
Carlos



**Carlos Lujan, Ph.D.**  
**Environmental Protection Specialist**  
**Northwest Region**



P 970.625.2497 x7 | F [970.625.2497](tel:970.625.2497) | C [970.286.3292](tel:970.286.3292)  
796 Megan Avenue, Suite 201, Rifle, CO 81650  
[carlos.lujan@state.co.us](mailto:carlos.lujan@state.co.us) | [www.colorado.gov/cogcc](http://www.colorado.gov/cogcc)

----- Forwarded message -----

From: **Scott Ghan** <[sghan@vnrlc.com](mailto:sghan@vnrlc.com)>

Date: Mon, Aug 24, 2015 at 3:40 PM

Subject: RE: Pipeline Release Notification

To: Carlos Lujan <[carlos.lujan@state.co.us](mailto:carlos.lujan@state.co.us)>

Cc: Kirby Wynn <[kwynn@garfield-county.com](mailto:kwynn@garfield-county.com)>, George Oggero <[goggero@vnrlc.com](mailto:goggero@vnrlc.com)>, Shane Collett <[scollett@vnrlc.com](mailto:scollett@vnrlc.com)>, Aaron Axelson <[aaxelson@vnrlc.com](mailto:aaxelson@vnrlc.com)>, Michael Frow <[mfrow@vnrlc.com](mailto:mfrow@vnrlc.com)>, Swetha Pingali <[spingali@vnrlc.com](mailto:spingali@vnrlc.com)>

Carlos,

We located a second release today on the same pipeline that we inspected Saturday. The release we identified today is approximately 0.43 miles south/southwest of the release reported on Friday. This release is located on Miller Land and Cattle property and directly East of the Miller 1 location. There is no surface evidence that this second release point ever reached Divide Creek. There is currently a small amount of standing water within the ROW, but there is no active flow to the surface since the line is now completely evacuated. I have already notified the affected surface owner (Marty Miller). We could visit both locations tomorrow as you requested on Saturday and review the ongoing work at the first release point and inspect the second location. Please call or email me to setup a schedule for tomorrow.

Thanks,

Scott Ghan  
Senior EH&S Specialist  
Vanguard Operating, LLC  
112 Red Feather Trail Silt, Colorado 81652  
Office [970.876.1959](tel:970.876.1959)/Cell [970.744.8128](tel:970.744.8128)/Fax [970.876.0981](tel:970.876.0981)

-----Original Message-----

From: Scott Ghan

Sent: Friday, August 21, 2015 9:31 PM

To: Carlos Lujan

Cc: Kirby Wynn; George Oggero; Shane Collett; Aaron Axelson; Michael Frow; Swetha Pingali

Subject: Pipeline Release Notification

Carlos,

As we discussed over the phone, we were notified by the surface owner at approximately 5 PM tonight that water was observed coming out of the ground in our pipeline ROW. We responded immediately and were escorted to the location by the surface owner. The portion of the ROW is located southwest of our Scott 24B-25 facility and west of Divide Creek. We did observe water coming out the ground in three locations within the ROW in a fairly localized area. The pipeline was immediately shut-in and response activities were initiated. Some of the water left the ROW and migrated down the fill slope a short distance before terminating. There is no surface evidence indicating that the water from the ROW made it to Divide Creek. We are continuing to remove water from pipeline tonight and there is no longer any evidence of water coming to the surface within the ROW. Please consider this email as meeting the 24 hour notification requirement and additional details will be provided in the pending Form 19. I look forward to visiting the location tomorrow morning, as we discussed.

Scott Ghan

Sent from my iPhone