

From: [Jerry Alberts](#)
To: [Michael Erion](#); ["Charlie Stevens"](#); ["James S. Neu"](#)
Cc: [Cole Kilstrom](#); [Spry ORourke, Linda](#)
Subject: RE: River Ranch to Robertson A Pad Pipeline Remediation Project
Date: Wednesday, September 22, 2010 4:21:08 PM
Attachments: [Form 27 Antero Pipeline Release Aug 2010.pdf](#)
[Analytical table 9-21-2010 \(2\).xlsx](#)
[GW Table.pdf](#)
[COMBINED.PDF](#)

Charlie,

As per Michael's request, please find attached the initial Form 27 submitted on August 18, 2010. The revised Form 27 will be sent to your attention by this Friday/Monday. I also attached the most recent surface water sampling data that is being routinely collected on the Grant Brothers property. The water quality sampling is being performed in coordination with Linda Spry O'Rourke at the COGCC and the Grant Brothers.

The most recent Site Assessment update from our contractor is provided below and in the attached DRAFT documents. The final Site Assessment will be submitted with the updated Form 27 later this week.

Please let me know if you have any questions and we will continue to keep you updated on our progress on this project.

Best regards, - - Jerry

September 2, 2010 River Ranch to Robertson A Pad Pipeline Remediation Project Update – Brian Dodek of LT Environmental

This is an update to the current site assessment activities at the Gravel Pit site. LTE has completed drilling as of today. There are currently 16 borings at the site. There are 13 borings outside the gravel pit to the east. Groundwater ranges from 12-13 feet bgs in these borings. Preliminary reports from the lab indicate impacts to groundwater that range from 1.3 ug/L to 4.4 mg/L. LTE is awaiting the groundwater results from two borings to determine if the plume is fully delineated.

LTE advanced three borings into the shallow weathered bedrock in the gravel pit. Water was observed to infiltrate into the boring around two to three feet bgs. So far, two of the three wells have made sufficient water to collect samples. Preliminary results from the first well, installed down gradient of the impacted seeps, indicate the water contained in the weathered bedrock and fractures is not impacted.

LTE is currently collecting GPS information for all borings and site features. LTE will create a site map and complete a draft results table for the groundwater results available by Tuesday morning. Soils observed during drilling did not appear impacted as LTE assumes the produced water filtered downward below the source area and did not travel horizontally above the groundwater table. Soil samples were not run under expedited turn-around as they appeared clean.

From: Michael Erion [mailto:Merion@resource-eng.com]
Sent: Wednesday, September 22, 2010 3:52 PM
To: Jerry Alberts
Cc: Brian Dodek; Cole Kilstrom; 'Charlie Stevens'; 'James S. Neu'
Subject: RE: River Ranch to Robertson A Pad Pipeline Remediation Project

Jerry:

Thanks for the update.

Please send a copy of FORM 27 to the City.

Regards,
Michael

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From: Jerry Alberts [mailto:jalberts@anteroresources.com]
Sent: Wednesday, September 22, 2010 3:21 PM
To: Michael Erion
Cc: Brian Dodek; Cole Kilstrom
Subject: River Ranch to Robertson A Pad Pipeline Remediation Project

Michael,

Yesterday I spoke with Brian at LTE and the latest on the groundwater remediation work is to complete and submit a revised Form 27 and Site Assessment by this Friday. The Site Assessment will be used to inform the revised Form 27 and the Form 27 serves as the remediation plan for this project. We anticipate that the Grant Brothers and the COGCC will comment on this submittal.

Therefore, it's expected that the remediation work will commence after agreement has been reached on the Form 27 Remediation Plan.

Please let me know if you have any additional questions and we will continue to keep you informed on the status of this work.

Best regards, - - Jerry

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