Message

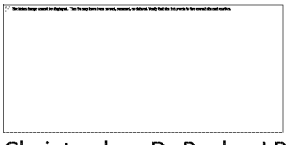
From: Chris Parks [cparks@iwmconsult.com]
Sent: 6/27/2019 6:02:44 PM
To: Neal, Conor [Neal.Conor@epa.gov]; Bury, Carolyn [bury.carolyn@epa.gov]
CC: jbian@amphenol-aao.com; Brad Gentry [bgentry@iwmconsult.com]; Sundar, Bhooma [sundar.bhooma@epa.gov]
Subject: RE: Semi-Annual Groundwater Sampling
Attachments: ATT00001.txt

Conor,

For clarification, we will sample all monitoring wells completed in Unit B. I believe there are a few wells that are completed in Unit D, which we will not sample.

Please confirm that was the intention of your groundwater sampling request.

Thank you,
Chris



Christopher D. Parks, LPG
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From: Neal, Conor <Neal.Conor@epa.gov>
Sent: Wednesday, June 12, 2019 11:07 AM
To: Chris Parks <cparks@iwmconsult.com>; Bury, Carolyn <bury.carolyn@epa.gov>
Cc: jbian@amphenol-aao.com; Brad Gentry <bgentry@iwmconsult.com>; Sundar, Bhooma <sundar.bhooma@epa.gov>
Subject: RE: Semi-Annual Groundwater Sampling

Chris,
If the well can be repaired and redeveloped so that there is low turbidity in a sample, I think that is acceptable.
Thanks for the update.
Conor

From: Chris Parks <cparks@iwmconsult.com>
Sent: Wednesday, June 12, 2019 9:39 AM
To: Neal, Conor <Neal.Conor@epa.gov>; Bury, Carolyn <bury.carolyn@epa.gov>
Cc: jbian@amphenol-aao.com; Brad Gentry <bgentry@iwmconsult.com>; Sundar, Bhooma <sundar.bhooma@epa.gov>
Subject: RE: Semi-Annual Groundwater Sampling

Thank you Conor.

My field technician was inspecting MW-20 earlier this week and we believe it may be able to be repaired with a compression fitting and a new pro-cover. If acceptable, we will attempt to repair the well this week (rather than abandon and replace). We will also redevelop the well if the repair goes as planned.

Let me know if this sounds acceptable.

Thank you,
Chris

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From: Neal, Conor <Neal.Conor@epa.gov>
Sent: Wednesday, June 12, 2019 10:35 AM
To: Chris Parks <cparks@iwmconsult.com>; Bury, Carolyn <bury.carolyn@epa.gov>
Cc: jbian@amphenol-aao.com; Brad Gentry <bgentry@iwmconsult.com>; Sundar, Bhooma <sundar.bhooma@epa.gov>
Subject: RE: Semi-Annual Groundwater Sampling

Chris,

Carolyn is on travel today and tomorrow, but we've discussed your questions and she will follow up with a letter to note changes to the semi-annual groundwater monitoring plan.

All permanent monitoring wells at the site, both on-site and off-site in the neighborhood, should be sampled for groundwater quality and measured for groundwater elevation during future semi-annual groundwater sampling events.

As per the groundwater sampling activities in the February, 2019, and October, 2018, Offsite Groundwater Investigation Work Plans, groundwater samples should be collected using low flow techniques with a portable bladder pump. Groundwater parameters (turbidity, pH, specific conductance, dissolved oxygen, and ORP) should be stable prior to sample collection. If low flow techniques are not possible then a groundwater sample may be obtained with a bottom-loading, disposable, polyethylene bailer, but that should not be the initial sampling method.

Finally, Amphenol should replace MW-20 with a permanent monitoring well along the Site's western boundary. The well does not need to be as far north as MW-20, but should be a background well for the western portion of the Site.

Let us know if you have any questions.
Conor

Conor Neal
Geologist

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From: Chris Parks <cparks@iwmconsult.com>
Sent: Tuesday, June 11, 2019 1:08 PM
To: Bury, Carolyn <bury.carolyn@epa.gov>
Cc: jbian@amphenol-aao.com; Brad Gentry <bgentry@iwmconsult.com>; Sundar, Bhooma <sundar.bhooma@epa.gov>; Neal, Conor <Neal.Conor@epa.gov>
Subject: Semi-Annual Groundwater Sampling

Carolyn,

We have not heard back since the April meeting regarding the semi-annual groundwater sampling event. I believe the EPA was going to evaluate which wells to include in our sampling event moving forward, if we would continue to complete the event on a semi-annual basis, and if we should continue to sample the site using standard bailer techniques.

The semi-annual groundwater sampling event generally is completed in April. Do you want us to go ahead and complete the semi-annual sampling event similar to our previous sampling events (same wells/methods)?

Thank you,
Chris

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