Message

**From:** Krueger, Thomas [krueger.thomas@epa.gov]
**Sent:** 3/22/2019 8:42:45 PM
**To:** Ohl, Matthew [ohl.matthew@epa.gov]

**Ex. 5 Attorney Client (AC)**

**From:** Ohl, Matthew
**Sent:** Friday, March 22, 2019 12:29:46 PM
**To:** Krueger, Thomas

**Ex. 5 Attorney Client (AC)**

Matt

**From:** Ohl, Matthew
**Sent:** Friday, March 22, 2019 11:49 AM
**To:** Norman Bernstein <nwbernstein@nwbllc.com>
**Cc:** Andrew A Gremos <agremos@ramboll.com>; Douglas Petroff <DPetroff@idem.in.gov>; Kari Meier (Kari.L.Meier@usace.army.mil) <Kari.L.Meier@usace.army.mil>; Mark Nichter <Mark.W.Nichter@usace.army.mil>; Peter M. Racher Esq. <pracher@psrb.com>; Eric Ringdahl <eringdahl@mcmillan-mcgee.com>; David Rountree <drountree@mcmillan-mcgee.com>
**Subject:** RE: Third Site ERH Water Confirmation Sampling

Norm:

MW-27 was intended to monitor the shallow confined sand unit. Do you have boring logs showing the sand at the shallower depth?

Thank you,

Matt

Matthew J. Ohl
Remedial Project Manager
United States Environmental Protection Agency
77 West Jackson Boulevard, SR-6J
Chicago, IL 60604-3590

phone: 312.886.4442
fax: 312.692.2447
e-mail: ohl.matthew@epa.gov

**From:** Norman Bernstein <nwbernstein@nwbllc.com>
**Sent:** Friday, March 22, 2019 11:28 AM
**To:** Eric Ringdahl <eringdahl@mcmillan-mcgee.com>
**Cc:** Ohl, Matthew <ohl.matthew@epa.gov>; Andrew A Gremos <agremos@ramboll.com>; Douglas Petroff <DPetroff@idem.in.gov>; Kari Meier (Kari.L.Meier@usace.army.mil) <Kari.L.Meier@usace.army.mil>; Mark Nichter <Mark.W.Nichter@usace.army.mil>; Peter M. Racher Esq. <pracher@psrb.com>; David Rountree <drountree@mcmillan-mcgee.com>
**Subject:** Re: Third Site ERH Water Confirmation Sampling

Matt

The original MW-27 was screened at 6' to 11' feet below ground surface. MM's 27-R was screened from 6' to 17' below grade (i.e., 6 feet too deep).. The replacement for that well is to be screened at the original interval 6' to 11' below ground surface..

Norm

On Fri, Mar 22, 2019 at 12:18 PM Eric Ringdahl <eringdahl@mcmillan-mcgee.com> wrote:

Unfortunately I don't have info on the original (MW-27?) well. Perhaps Andy can answer your question.
On 2019-03-22 9:45 a.m., Ohl, Matthew wrote:

Thank you, Eric. Was the 2012 installation shallower than the original?

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**From:** Eric Ringdahl <eringdahl@mcmillan-mcgee.com>
**Sent:** Friday, March 22, 2019 10:15 AM
**To:** Ohl, Matthew <ohl.matthew@epa.gov>; Andrew A Gremos <agremos@ramboll.com>
**Cc:** 'Douglas Petroff' <DPetroff@idem.IN.gov>; Kari Meier (Kari.L.Meier@usace.army.mil) <Kari.L.Meier@usace.army.mil>; Mark Nichter <Mark.W.Nichter@usace.army.mil>; Norm Bernstein <nwbernstein@nwbllc.com>; Peter M. Racher Esq. <pracher@psrb.com>; David Rountree <drountree@mcmillan-mcgee.com>
**Subject:** Re: Third Site ERH Water Confirmation Sampling

Good morning Matt,
Yes that is correct. MW-27R will be installed to the same depth as the 2012 installation (approximately 11 ft BGS).
Regards,
Eric Ringdahl, P.Eng.
Electrical Engineer
McMillan-McGee Corp.
(403) 569-5102
Cell: (403) 863-8422

On 2019-03-22 8:55 a.m., Ohl, Matthew wrote:

Good morning:

I wanted to confirm the depth of MW-27R. Will the new well be installed to the same depth as the original?

Thank you,

Matt

Matthew J. Ohl
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phone: 312.886.4442
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**From:** Andrew A Gremos <agremos@ramboll.com>
**Sent:** Monday, March 18, 2019 9:59 AM
**To:** Ohl, Matthew <ohl.matthew@epa.gov>
**Cc:** 'Douglas Petroff' <DPetroff@idem.IN.gov>; Kari Meier (Kari.L.Meier@usace.army.mil) <Kari.L.Meier@usace.army.mil>; Mark Nichter <Mark.W.Nichter@usace.army.mil>; Norm Bernstein <nwbernstein@nwbllc.com>; Peter M. Racher Esq. <pracher@psrb.com>
**Subject:** Third Site ERH Water Confirmation Sampling

Matt,

Ramboll plans to conduct an ERH subsurface water confirmation sampling at Third Site on March 29, weather permitting. Per Section 1.5.2 of the McMillan-McGee Corp (M&M) April 2018 Remedial Design Report, the locations to be sampled include P-1 to P-3 and the Sump in the DNAPL Containment Area and the new MW-27R replacement well in the ATT area. M&M is scheduled to install the new MW-27R replacement well this Friday (March 22).

Please let me know if you have any questions.

Best Regards,

**Andrew A Gremos LPG CHMM**

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