Message

From: Greene, Nikia [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=32A08A414A4F40199B557C0819EB7D0B-GREENE, NIKIA]
Sent: 2/27/2019 8:39:52 PM
To: Loren.Burmeister@bp.com
Subject: Fwd: Diggings East Area Groundwater Pump-Test
Attachments: image002.png; ATT00001.htm; LocationMap_PumpZoom_R02.pdf; ATT00002.htm

Sent from my iPhone

Begin forwarded message:

From: "Greene, Nikia" <Greene.Nikia@epa.gov>
Date: February 27, 2019 at 9:59:37 AM MST
To: "Shanight, David" <ShanightDT@cdmsmith.com>, Curt Coover <cooverca@cdmsmith.com>
Subject: FW: Diggings East Area Groundwater Pump-Test

FYI:

Nikia Greene
Remedial Project Manager
U.S. EPA, Region 8
(406)-457-5019
greene.nikia@epa.gov

From: Ford, Jim <JFord@mt.gov>
Sent: Wednesday, February 27, 2019 9:38 AM
To: Bryson, Josh <josh.bryson@bp.com>
Cc: Greene, Nikia <Greene.Nikia@epa.gov>; Reed, Daryl <dreed@mt.gov>; Cunneen, Padraig <PCunneen@mt.gov>
Subject: Diggings East Area Groundwater Pump-Test
Importance: High

Josh,

Thank you for the offer to work cooperatively on your groundwater pump-test in the Diggings East area. As was discussed at the BP-AR meeting on 2/20, BP-AR is planning an aquifer test in the area of Diggings East sometime this spring. Bill Henne with WET received a call from Ken Manchester at Pioneer Technical Services (PTS) a few weeks ago to ask if NRDP would be willing to allow use of some of our wells for the test. Here is what was communicated:

- The test will be conducted somewhere near Baker Auto (circled on attached map).
- The purpose was supposedly to define dewatering needs during construction.
- PTS will drill a new well and conduct a 24-72-hour aquifer test at hundred(s) of gallons per minute focusing on the middle alluvial unit.
- PTS would like to use at least 5 wells (PMP 8 and 10 series – shown on map) for monitoring and temporarily adjusting any transducers to monitor at the required aquifer test interval.
- PTS offered to staff locations and share all data.
- Details are still being developed – a workplan is being prepared.
- Test is tentatively scheduled for April.

The States groundwater team has discussed this the potential for a groundwater pump-test in this area of Diggings East and, if done properly, could provide critical information that could be used in characterization efforts and remedial design parameters. However, as we all know, the devil is in the details and we want to make sure, as I'm sure you do, that the test is performed correctly and provides meaningful data. We would like to coordinate with the States monitoring efforts and offer access to NRDP's critically located monitoring wells provided that the following coordination items are addressed:

- NRDP receive a draft copy of the pump-test workplan and have adequate time to review and provide written comment.
- Any major comments identified in the workplan are sufficiently addressed.
- NRDP personnel will accompany any BP-AR contractors to wells for access, and will conduct any adjustments to transducers or other monitoring equipment as needed. Data from NRDP wells will be downloaded and provided to BP-AR contractors by NRDP.
- Schedule is coordinated to allow NRDP or its representatives to be present during test and monitor all field activities.
- All data collected during this test will be provided to NRDP no later than 60-days after the completion of the test in usable electronic form.

We look forward to working with you on this project.

Thanks again, Jim

Jim Ford
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