To: Deschambault, Lynda[Deschambault.Lynda@epa.gov]; 'anthony.brown@bp.com'[anthony.brown@bp.com]; Scott Fergusen[scott.ferguson@waterboards.ca.gov]
Cc: Doug Carey[douglas.carey@waterboards.ca.gov]; Stetler, Chris@Waterboards[Chris.Stetler@waterboards.ca.gov]; Greg Reller[gr@burlesonconsulting.com]; Cory Koger[Cory.S.Koger@usace.army.mil]; Chang, Kay SPK[Kay.Chang@usace.army.mil]; Cohen, Adam[Adam.Cohen@dgslaw.com]
From: Lombardi, Marc
Sent: Sat 8/26/2017 1:24:58 AM
Subject: RE: LMS: Station 15 flow

Lynda,

The increase in flows at Station 15 on August 17, 2017 correlate to the installation of the Leviathan Creek diversion and controlled release of water from beaver dams 3, 4 and 5 as part of the work being conducted under the Beaver Dam/Pond Complex Focused Feasibility Study Work Plan. The diversion to reroute flows around beaver dams 12 through 3 began operating around 8:45 AM on the 17th. This was followed by slow notching of beaver dams 3, 4, and 5 throughout the day to facilitate draining of the ponds behind these dams. Throughout the day, Amec Foster Wheeler field staff monitored turbidity at monitoring locations both above the diversion and at the point of water discharge from beaver pond 3 into beaver pond 2. The recorded turbidity of Leviathan Creek above the diversion was on average 33.65 NTU and the turbidity at the point of flow into beaver pond 2 was on average 27.14 NTU on the 17th.

Should you have any further questions please contact Tony Brown at (657) 529-4537 or anthony.brown@bp.com.

Thanks,

Marc

Marc R. Lombardi, CEM, PG

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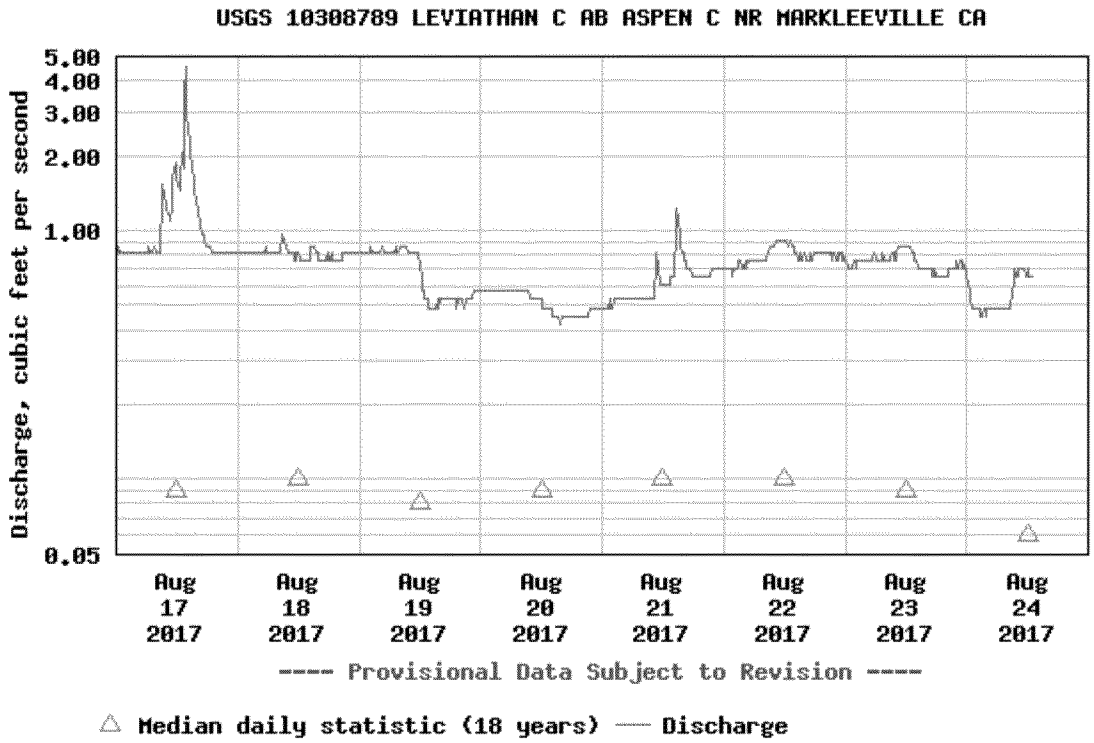
From: Deschambault, Lynda [mailto:Deschambault.Lynda@epa.gov]
Sent: Friday, August 25, 2017 7:21 AM
To: 'anthony.brown@bp.com' <anthony.brown@bp.com>; Scott Fergusen <scott.ferguson@waterboards.ca.gov>
Cc: Lombardi, Marc <Marc.Lombardi@amecfw.com>; Doug Carey <douglas.carey@waterboards.ca.gov>; Stetler, Chris@Waterboards <Chris.Stetler@waterboards.ca.gov>; Greg Reller <gr@burlesonconsulting.com>; Cory Koger <Cory.S.Koger@usace.army.mil>; Chang, Kay SPK <Kay.Chang@usace.army.mil>
Subject: FW: LMS: Station 15 flow

Good morning Tony/Scott;

On August 17 we received an email notification from the USGS website that flow at Station 15 had exceeded a preset alert threshold. The alert was associated with an increase in flow at Station 15 from about 0.8 cubic feet per second (cfs) to about 4.5 cfs through the afternoon of August 17 (see image below). This increase in flow rate was too large to be explained by treatment system discharge (typically about 0.3 cfs). Such flow increases are often associated with thunderstorms during this season. However, after waiting about a week, the Snotel station at Monitor Pass has not shown any associated rainfall that would account for the August 17 flow increase.

Are you aware of the flow increase and can provide any explanation?

Lynda



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