



Hughes - DNR, Jim <jimo.hughes@state.co.us>

Citizens Animas Ditch Flush Plan and Contact Info

Erin Dunman <erin.dunman@bpx.com>

Mon, Apr 29, 2019 at 4:55 PM

To: Steven Moskal <Steven.Moskal@bpx.com>, Kyle Siesser <ksiesser@cottonwoodconsulting.com>, "jimo.hughes@state.co.us" <jimo.hughes@state.co.us>
Cc: Jacob Harter <jharter@cottonwoodconsulting.com>, Emma Millar <emillar@cottonwoodconsulting.com>, Julie Best <Julie.Best@bpx.com>, Jeffrey Davis <jeffrey.davis@bpx.com>, Jody Gonzales <JODY.GONZALES@bpx.com>, John Mummery <john.mummery@bpx.com>, Elizabeth Spencer <Elizabeth.Spencer@bpx.com>, "mfoutz@fandmconst.com" <mfoutz@fandmconst.com>, "rehorn@frontier.net" <rehorn@frontier.net>, "dkrueger@sugf.com" <dkrueger@sugf.com>, Miles Venzara <MILES.VENZARA@bpx.com>

Just got off the phone with John Rehorn, ongoing work in the ditch is taking longer than expected due to the weather. Therefore the ditch will not start 5/1. John should have a better idea of a start date tomorrow afternoon, I'll share more information when I have it.

Thank you

Erin

Erin Dunman

Environmental Coordinator

BP America Production Co.

bpx energy - WBU

1199 Main Ave. | Suite 101 | Durango | CO | 81301

Cell: 832-609-7048

Office: 281-810-2578

Erin.Dunman@bpx.com



This email and any attachments are intended only for the addressee(s) listed above and may contain confidential, proprietary, and/or privileged information. If you are not an intended recipient, please immediately advise the sender by return email, delete this email and any attachments, and destroy any copies of same. Any unauthorized review, use, copying disclosure or distribution of this email and any attachments is prohibited.

From: Steven Moskal <Steven.Moskal@BPX.COM>**Sent:** Friday, April 26, 2019 10:29 AM**To:** Kyle Siesser <ksiesser@cottonwoodconsulting.com>; Erin Dunman <erin.dunman@bpx.com>; jimo.hughes@state.co.us**Cc:** Jacob Harter <jharter@cottonwoodconsulting.com>; Emma Millar <emillar@cottonwoodconsulting.com>; Julie Best <Julie.Best@bpx.com>; Jeffrey Davis <jeffrey.davis@bpx.com>; Jody Gonzales <JODY.GONZALES@BPX.COM>; John Mummery <john.mummery@bpx.com>; Elizabeth Spencer <Elizabeth.Spencer@BPX.COM>; mfoutz@fandmconst.com; rehorn@frontier.net; dkrueger@sugf.com; Miles Venzara <MILES.VENZARA@BPX.COM>**Subject:** Citizens Animas Ditch Flush Plan and Contact Info

Kyle – Thank you for the summary and all the info. I have added Matt Foutz of F&M Construction to the contact list as their work on the culvert crossing will determine access on 5/6. Jody Gonzales will also be helping out on the BP Construction side.

I have also attached a map of the diversion on the Schane property that we will need to observe during the full flow starting Monday, 5/6. John Rehorn can help coordinate access.

Jim – Just wanted to let you know our plan of action, with an anticipated start date of 5/1. See below for the various stages and logistics.

Thank you all,

Steve Moskal

Environmental Coordinator

BP America Production Co.

bpx energy - WBU

1199 Main Ave. | Suite 101

Durango | CO | 81301

Direct: 505.330.9179

steven.moskal@bpx.com



From: Kyle Siesser [mailto:ksiesser@cottonwoodconsulting.com]
Sent: Friday, April 26, 2019 9:05 AM
To: Steven Moskal <Steven.Moskal@BPX.COM>; Erin Dunman <erin.dunman@bpx.com>
Cc: Jacob Harter <jharter@cottonwoodconsulting.com>; Emma Millar <emillar@cottonwoodconsulting.com>
Subject: Ditch Flush Plan and Contact Info

Steve and Erin,

Here is a summary of the plan for the ditch flush starting next week based on our field visit yesterday. Please let me know if you have additional info or changes. Thanks.

- 1. BP Contacts** - Steve leaves town Tuesday, April 30th , returning 5/5. Erin will be our BP point of contact during the flush next week. Jeff Davis/Jody Gonzales with BP will also be coordinating construction/hydrovac activities.
 - a. Steve Moskal (Env.) - 505-330-9179
 - b. Erin Duman (Env.) - 832-609-7048
 - c. Jeff Davis (Construction) - 505-330-5323
 - d. Jody Gonzales (Construction) – 505-793-7812
- 2. Riley Industrial (Hydrovac crew)** – Ryan Bowen - 505-486-3336
- 3. John Rehorn (Citizens Animas Ditch contact)** – 970-739-0728
- 4. Matt Foutz (F&M Construction)** – 970- 903-0027
- 5. Cottonwood (Boom Installation and Water Sampling)**
 - a. Kyle – 970-764-7356
 - b. Jake – 970-946-3761
 - c. Emma – 208-610-6012
- 6. Wednesday, May 1st**
 - a. Begin water flow into ditch. Most of water will go through Kitts ditch and into High Flume, but some will go through siphon beneath Kitts. Might take a few hours to see water arrive here after they start flow.
 - b. Booms will be installed below box culvert on High Flume (east of La Posta Rd/CR 213) and below the siphon outlet near BP pad where we met 4/25/19.
 - c. At siphon outlet, we'll have two rows of booms.
 - d. At the box culvert, one or two rows of booms. Be ready for high flows through this section.
 - e. Hydrovac crew (Riley) will be ready to remove any water observed with sheen. Water can be disposed of at Industrial Ecosystems disposal facility in Aztec. Waste profile is still good to go.
- 7. Monday, May 6th**
 - a. Ditch flush at Rehorn Siphon will start, dependent on F&M receiving culvert and fixing access road. We'll know more about this next week.
 - b. Booms will be installed above siphon inlet and below siphon outlet. At the siphon outlet location, the boom should be installed where the ditch bed rises based on observations made during the release where sheens were "popping up" out of the water approx. 20 ft downstream of siphon outlet.
 - c. During this flush, keep the headgate to Walter Canyon (located just upstream of the siphon inlet) open. If a sheen is observed, close it immediately to avoid potentially impacted water going through headgate.
 - d. Hydrovac crew will be ready to remove any water observed with sheen.
- 8. Water Sampling**
 - a. Need water samples of any potentially impacted water (if sheen observed) and any water that looks un-impacted to document conditions.
 - b. Analyze for BTEX/TPH and API suite
 - c. Sample downstream of Kitts siphon outlet near BP pad
 - d. Sample downstream of Rehorn siphon outlet
 - e. Sample downstream of box culvert at High Flume
 - f. Sample at McKee property
- 9. Other info**
 - a. Stay flexible as schedule could change due to F&M culvert work or other factors.
 - b. Have plenty of booms and change out as needed. Also, install boom at McKee only if it looks like sheen is getting past our siphon outlet boom at Rehorn.
 - c. Boom locations marked with pinflags.

[Quoted text hidden]