



These are documents DRN received on February 24, 2023 from our file request to NJWSA regarding the Jacobs Creek Pipeline Project.

DELAWARE RIVERKEEPER NETWORK
925 Canal Street, Suite 3701
Bristol, PA 19007
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fax: (215) 369-1181
drn@delawariverkeeper.org
www.delawariverkeeper.org

NEW JERSEY WATER SUPPLY AUTHORITY
OPEN PUBLIC RECORDS ACT REQUEST FORM
770 Bear Tavern Rd, Ewing, NJ 08628

Tel: 609.530.3999
jshelley@njwsa.org
Julie Shelley

FEB 24 '23 AM 9:56

Important Notice

The last page of this form contains important information related to your rights concerning government records. Please read it carefully.

Requestor Information – Please Print

First Name Anneke MI LW Last Name van Rossum
E-mail Address anneke@delawareriverkeeper.org
Mailing Address 925 Canal St, Suite 3701
City Bristol State PA Zip 19007
Telephone 215-369-1188
ext 106 FAX _____
Preferred Delivery: Pick Up _____ US Mail _____ On-Site Inspect _____ Fax _____ E-mail X
If you are requesting records containing personal information, please circle one: Under penalty of N.J.S.A. 2C:28-3, I certify that I HAVE / HAVE NOT been convicted of any indictable offense under the laws of New Jersey, any other state, or the United States.
Signature alw Date 2/24/2023

Payment Information

Maximum Authorization Cost \$ _____
Select Payment Method
Cash Check Money Order
Fees: Letter size pages - \$0.05 per page
Legal size pages - \$0.07 per page
Other materials (CD, DVD, etc) – actual cost of material
Delivery: Delivery / postage fees additional depending upon delivery type.
Extras: Special service charge dependent upon request.

Record Request Information: Please be as specific as possible in describing the records being requested. Also, please note that your preferred method of delivery will only be accommodated if the custodian has the technological means and the integrity of the records will not be jeopardized by such method of delivery.

The Delaware Riverkeeper Network requests all documents submitted to the New Jersey Water Supply Authority by Sunoco regarding the Jacobs Creek Pipeline Project including construction schedules, construction dates, construction meetings, correspondences and emails, tree removal plans and monitoring, inadvertent return incident reports, clean up reports, well water testing schedules, and meeting minutes related to this project received by the New Jersey Water Supply Authority between January 20, 2023 and present.

AGENCY USE ONLY

Est. Document Cost _____
Est. Delivery Cost _____
Est. Extras Cost _____
Total Est. Cost _____
Deposit Amount _____
Estimated Balance _____

Deposit Date _____

AGENCY USE ONLY

Disposition Notes
Custodian: If any part of request cannot be delivered in seven business days, detail reasons here.

In Progress - Open 2/24/23
Denied - Closed _____
Filled - Closed 3/7/23
Partial - Closed _____

AGENCY USE ONLY

Tracking Information		Final Cost	
Tracking #	<u>2/24/23</u>	Total	_____
Rec'd Date	<u>3/7/23</u>	Deposit	_____
Ready Date	<u>46</u>	Balance Due	_____
Total Pages	_____	Balance Paid	_____

Records Provided

Julio Shelley

3/7/23
Date

due 3/7

DEPOSITS

The custodian may require a deposit against costs for reproducing documents sought through an anonymous request whenever the custodian anticipates that the documents requested will cost in excess of \$5 to reproduce.

Where a special service charge is warranted under OPRA, that amount will be communicated to you as required under the statute. You have the opportunity to review and object to the charge prior to it being incurred. If, however, you approve of the fact and amount of the special service charge, you may be required to pay a deposit or pay in full prior to reproduction of the documents.

YOUR REQUEST FOR RECORDS IS DENIED FOR THE FOLLOWING REASON(S):

(To be completed by the Custodian of Records – check the box of the numbered exemption(s) as they apply to the records requested. If multiple records are requested, be specific as to which exemption(s) apply to each record. **Response is due to requestor as soon as possible, but no later than seven business days.**)

N.J.S.A. 47:1A-1.1

- ☐ Inter-agency or intra-agency advisory, consultative or deliberative material
- ☐ Legislative records
- ☐ Law enforcement records:
 - ☐ Medical examiner photos
 - ☐ Criminal investigatory records (however, N.J.S.A. 47:1A-3.b. lists specific criminal investigatory information which must be disclosed)
 - ☐ Victims' records
- ☐ Trade secrets and proprietary commercial or financial information
- ☐ Any record within the attorney-client privilege
- ☐ Administrative or technical information regarding computer hardware, software and networks which, if disclosed would jeopardize computer security
- ☐ Emergency or security information or procedures for any buildings or facility which, if disclosed, would jeopardize security of the building or facility or persons therein
- ☐ Security measures and surveillance techniques which, if disclosed, would create a risk to the safety or persons, property, electronic data or software
- ☐ Information which, if disclosed, would give an advantage to competitors or bidders
- ☐ Information generated by or on behalf of public employers or public employees in connection with:
 - ☐ Any sexual harassment complaint filed with a public employer
 - ☐ Any grievance filed by or against an employee
 - ☐ Collective negotiations documents and statements of strategy or negotiating
- ☐ Information that is a communication between a public agency and its insurance carrier, administrative service organization or risk management office
- ☐ Information that is to be kept confidential pursuant to court order
- ☐ Certificate of honorable discharge issued by the United States government (Form DD-214) filed with a public agency
- ☐ Social security numbers
- ☐ Credit card numbers
- ☐ Unlisted telephone numbers
- ☐ Drivers' license numbers
- ☐ Certain records of higher education institutions:
 - ☐ Research records
 - ☐ Questions or scores for exam for employment or academics
 - ☐ Charitable contribution information
 - ☐ Rare book collections gifted for limited access
 - ☐ Admission applications
 - ☐ Student records, grievances or disciplinary proceedings revealing a students' identification
- ☐ Biotechnology trade secrets N.J.S.A. 47:1A-1.2
- ☐ Convicts requesting their victims' records N.J.S.A. 47:1A-2.2
- ☐ Ongoing investigations of non-law enforcement agencies (must prove disclosure is inimical to the public interest) N.J.S.A. 47:1A-3.a.
- ☐ Public defender records N.J.S.A. 47:1A-5.k.
- ☐ Upholds exemptions contained in other State or federal statutes and regulations, Executive Orders, Rules of Court, and privileges created by State Constitution, statute, court rule or judicial case law N.J.S.A. 47:1A-9
- ☐ Personnel and pension records (however, the following information must be disclosed:
 - An individual's name, title, position, salary, payroll record, length of service, date of separation and the reason for such separation, and the amount and type of any pension received
 - When required to be disclosed by another law, when disclosure is essential to the performance of official duties of a person duly authorized by this State or the US, or when authorized by an individual in interest
 - Data contained in information which disclose conformity with specific experiential, educational or medical qualifications required for government employment or for receipt of a public pension, but not including any detailed medical or psychological information N.J.S.A. 47:1A-10

N.J.S.A. 47:1A-1

- ☐ "a public agency has a responsibility and an obligation to safeguard from public access a citizen's personal information with which it has been entrusted when disclosure thereof would violate the citizen's reasonable expectation of privacy."

Burnett v. County of Bergen, 198 N.J. 408 (2009). Without ambiguity, the court held that the privacy provision "is neither a preface nor a preamble." Rather, "the very language expressed in the privacy clause reveals its substantive nature; it does not offer reasons why OPRA was adopted, as preambles typically do; instead, it focuses on the law's implementation." "Specifically, it imposes an obligation on public agencies to protect against disclosure of personal information which would run contrary to reasonable privacy interests."

Executive Order No. 21 (McGreevey 2002)

- ☐ Records where inspection, examination or copying would substantially interfere with the State's ability to protect and defend the State and its citizens against acts of sabotage or terrorism, or which, if disclosed, would materially increase the risk or consequences of potential acts of sabotage or terrorism.
- ☐ Records exempted from disclosure by State agencies' proposed rules.

Executive Order No. 26 (McGreevey 2002)

- ☐ Certain records maintained by the Office of the Governor
- ☐ Resumes, applications for employment or other information concerning job applicants while a recruitment search is ongoing
- ☐ Records of complaints and investigations undertaken pursuant to the Model Procedures for Internal Complaints Alleging Discrimination, Harassment or Hostile Environments
- ☐ Information relating to medical, psychiatric or psychological history, diagnosis, treatment or evaluation
- ☐ Information in a personal income or other tax return
- ☐ Information describing a natural person's finances, income, assets, liabilities, net worth, bank balances, financial history or activities, or creditworthiness, except as otherwise required by law to be disclosed
- ☐ Test questions, scoring keys and other examination data pertaining to the administration of an examination for public employment or licensing
- ☐ Records in the possession of another department (including NJ Office of Information Technology or State Archives) when those records are made confidential by regulation or EO 9.

Other Exemption(s) contained in a State statute, resolution of either or both House of the Legislature, regulation, Executive Order, Rules of Court, any federal law, federal regulation or federal order pursuant to N.J.S.A. 47:1A-9.a.

(Please provide detailed information regarding the exemption from disclosure for which you are relying to deny access to government records. If multiple records are requested, be specific as to which exemption(s) apply to each record.)

REQUEST FOR RECORDS UNDER THE COMMON LAW

If, in addition to requesting records under OPRA, you are also requesting the government records under the common law, please check the box below.

A public record under the common law is one required by law to be kept, or necessary to be kept in the discharge of a duty imposed by law, or directed by law to serve as a memorial and evidence of something written, said, or done, or a written memorial made by a public officer authorized to perform that function, or a writing filed in a public office. The elements essential to constitute a public record are that it be a written memorial, that it be made by a public officer, and that the officer be authorized by law to make it.

☐ Yes, I am also requesting the documents under common law.

If the information requested is a "public record" under common law and the requestor has a legally recognized interest in the subject matter contained in the material, then the material must be disclosed if the individual's right of access outweighs the State's interest in preventing disclosure.

Please set forth your interest in the subject matter contained in the requested material:

Note that any challenge to a denial of a request for records under the common law cannot be made to the Government Records Council, as the Government Records Council only has jurisdiction to adjudicate challenges to denials of OPRA requests. A challenge to the denial of access under the common law can be made by filing an action in Superior Court.

1. All government records are subject to public access under the Open Public Records Act ("OPRA"), unless specifically exempt.
2. A request for access to a government record under OPRA must be in writing, hand-delivered, mailed, transmitted electronically, or otherwise conveyed to the appropriate custodian. N.J.S.A. 47:1A-5.g. The seven (7) business day response time does not commence until the records custodian receives the request form. If you submit the request form to any other officer or employee of the **Name of Agency**, that officer or employee must either forward the request to the appropriate custodian, or direct you to the appropriate custodian. N.J.S.A. 47:1A-5.h.
3. Requestors may submit requests anonymously. If you elect not to provide a name, address, or telephone number, or other means of contact, the custodian is not required to respond until you reappear before the custodian seeking a response to the original request.
4. The fees for duplication of a government record in printed form are listed on the front of this form. We will notify you of any special service charges or other additional charges authorized by State law or regulation before processing your request. Payment shall be made by cash, check or money order payable to the **Name of Agency**.
5. ***You may be charged a 50% or other deposit when a request for copies exceeds \$25.*** The **Name of Agency** custodian will contact you and advise you of any deposit requirements. You agree to pay the balance due upon delivery of the records. Anonymous requests in excess of \$5.00 require a deposit of 100% of estimated fees.
6. Under OPRA, a custodian must deny access to a person who has been convicted of an indictable offense in New Jersey, any other state, or the United States, **and** who is seeking government records containing personal information pertaining to the person's victim or the victim's family. This includes anonymous requests for said information.
7. By law, the **Name of Agency** must notify you that it grants or denies a request for access to government records within seven (7) business days after the agency custodian of records receives the request. If the record requested is not currently available or is in storage, the custodian will advise you within seven (7) business days after receipt of the request when the record can be made available and the estimated cost for reproduction.
8. You may be denied access to a government record if your request would substantially disrupt agency operations and the custodian is unable to reach a reasonable solution with you.
9. If the **Name of Agency** is unable to comply with your request for access to a government record, the custodian will indicate the reasons for denial on the request form or other written correspondence and send you a signed and dated copy.
10. Except as otherwise provided by law or by agreement with the requester, if the agency custodian of records fails to respond to you within seven (7) business days of receiving a request, the failure to respond is a deemed denial of your request.
11. If your request for access to a government record has been denied or unfilled within the seven (7) business days required by law, you have a right to challenge the decision by the **Name of Agency** to deny access. At your option, you may either institute a proceeding in the Superior Court of New Jersey or file a complaint with the Government Records Council ("GRC") by completing the Denial of Access Complaint Form. You may contact the GRC by toll-free telephone at 866-850-0511, by mail at PO Box 819, Trenton, NJ, 08625, by e-mail at grc@dca.state.nj.us, or at their web site at www.state.nj.us/grc. The Council can also answer other questions about the law. All questions regarding complaints filed in Superior Court should be directed to the Court Clerk in your County.
12. Information provided on this form may be subject to disclosure under the Open Public Records Act.

The NJWSA has denied and redacted from the records the portion of the responsive records that reveal personal identifying information (i.e., cell phone numbers, email addresses) pursuant to N.J.S.A. 47:1A-1.1.

Attachments referenced throughout this response were provided in a prior OPRA response.

From: Kershner, Daniel A <[REDACTED]>
Sent: Wednesday, January 25, 2023 10:43 AM
To: Paul Harenberg
Cc: Weirsky, Edward J.
Subject: RE: Jacobs Creek HDD

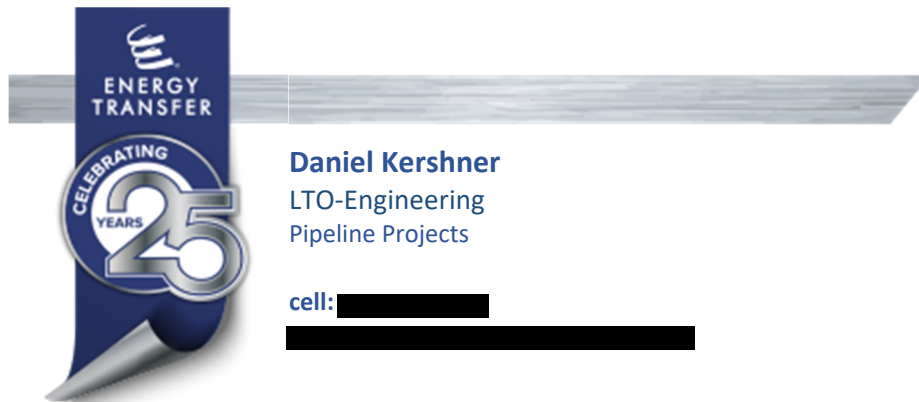
Paul,

Once pullback is completed this week we will be honing in on the date for the removal. After pullback is finished Otis will be moving to NJ to begin the open trench pipe work. The final pipe tie ins are scheduled for Feb 22, 23. That is essentially a hard date and not subject to change as our Product Movements group has confirmed with shippers when line will be shut down and not in use.

When we have something laid out on paper I will forward over to you.

Thanks

Dan



From: Paul Harenberg <PHarenberg@njwsa.org>
Sent: Wednesday, January 25, 2023 10:39 AM
To: Kershner, Daniel A <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Dan/Ed

Is there an updated project schedule for the rest of the work? When is the exposed pipe in the Jacobs Creek scheduled for removal?

Regards

Paul

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From: Kershner, Daniel A <[REDACTED]>
Sent: Monday, January 16, 2023 8:33:03 AM

To: Jeremy Brown <[REDACTED]> Paul Harenberg <PHarenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Jeremy,
I would head in this direction now. They'll be right around canal area this am.
Thank you
Dan

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From: Jeremy Brown <[REDACTED]>
Sent: Friday, January 13, 2023 4:29:35 PM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Great, that sounds good. We will also plan to call you Monday morning before heading out.

Do you have an as-drilled vertical and horizontal profile of the pilot hole? Also, can you send us recent daily reports from reaming and the daily survey data spreadsheets that show drilling pressures, etc?

Thanks!
Jeremy

Jeremy J. Brown, PE
Associate

Schnabel Engineering
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Philadelphia Area Office
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Chadds Ford, PA 19317
schnabel-eng.com



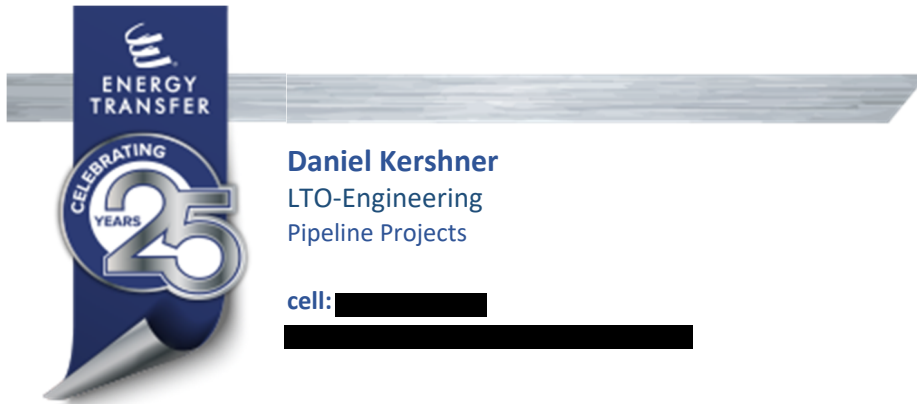
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From: Kershner, Daniel A <[REDACTED]>
Sent: Friday, January 13, 2023 2:53 PM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Yessir. Monday is still a good day to plan on coming out. It may be later in the day that we reach the culvert area, but better to be there a little early. I'll let you know tomorrow if we continue forward progress on the ream. We should be reaching bottom later today with the reamer on trip back in.

Thank you,
Dan



From: Jeremy Brown <[REDACTED]>
Sent: Friday, January 13, 2023 2:09 PM
To: Paul Harenberg <pharenberg@njwsa.org>; Kershner, Daniel A <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Hi Dan,

Just wanted to check in to see if Monday was still a good day to stop out.

Thanks!
Jeremy

Jeremy J. Brown, PE
Associate

Schnabel Engineering
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From: Paul Harenberg <PHarenberg@njwsa.org>

Sent: Tuesday, January 10, 2023 11:34 AM

To: Jeremy Brown <[REDACTED]> Kershner, Daniel A

<[REDACTED]>

Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>

Subject: RE: Jacobs Creek HDD

Dan,

Thanks for keeping us informed.

Regards,

Paul Harenberg, PE

Project Engineer

New Jersey Water Supply Authority

From: Jeremy Brown <[REDACTED]>

Sent: Tuesday, January 10, 2023 10:36 AM

To: Kershner, Daniel A <[REDACTED]> Paul Harenberg

<PHarenberg@njwsa.org>

Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>

Subject: RE: Jacobs Creek HDD

Hi Dan,

Thanks for the update, and no worries, I understand how that goes. We will plan on coming out on Monday.

Thanks!

Jeremy

Jeremy J. Brown, PE

Associate

Schnabel Engineering

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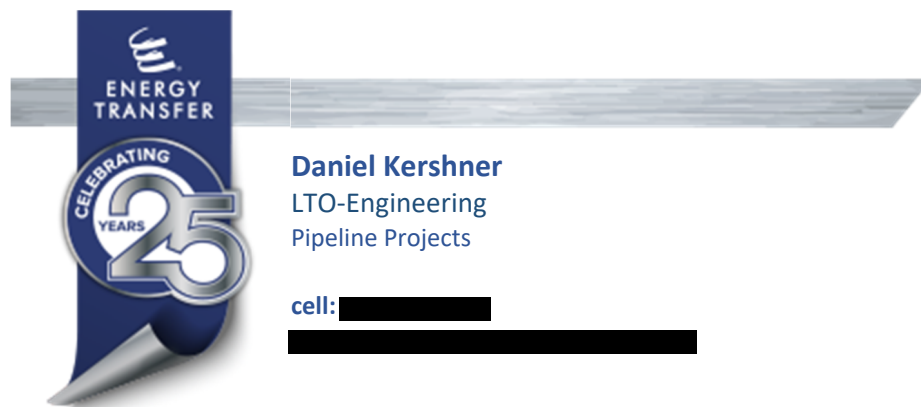
From: Kershner, Daniel A <[REDACTED]>
Sent: Tuesday, January 10, 2023 10:07 AM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Jeremy,

The reamer has reached its working hours and Aarons will be tripping out sooner than they originally expected. They are planning to trip out tomorrow and it will be 2-3 days to complete this. They will be back at around joint 55 next week. I would plan on coming out Monday of next week for now. Culvert area is around joint 56.

Thank you for understanding the continuous change in plans. That's just how HDDs work. You never know the schedule until the pipe is pulled.

Dan



From: Kershner, Daniel A <[REDACTED]>
Sent: Monday, January 9, 2023 9:42 AM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Jeremy,

We slowed down a bit over the weekend. We are planning to have 4 joints cut today and tomorrow. That will put us at joint 56 which is where culvert is located on Wednesday morning. If you don't hear from me this evening it means we hit the 4joints as planned today.

Thank you

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From: Jeremy Brown <[REDACTED]>
Sent: Monday, January 9, 2023 8:58:06 AM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg
<pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Good Morning Dan,

Checking in to see if you can provide an update on where the reamer is anticipated to be this week. As Paul mentioned, we are interested in when the reamer is scheduled to pass under the culvert so we can be on site to observe.

Thank you!
Jeremy

Jeremy J. Brown, PE
Associate

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From: Kershner, Daniel A <[REDACTED]>
Sent: Friday, January 6, 2023 10:09 AM
To: Paul Harenberg <pharenberg@njwsa.org>; Jeremy Brown <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

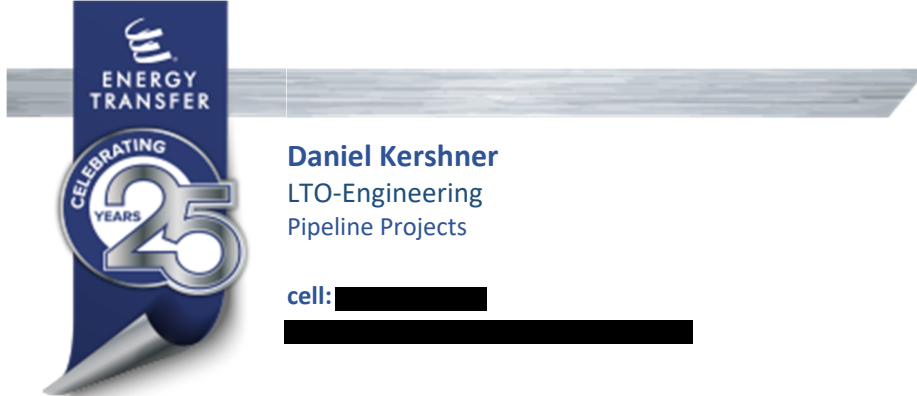
Paul,

Morning. I apologize for the delayed response. I was waiting to hear back from my driller if they were planning to trip out, clean hole, and inspect/swap the reamer prior to getting to the culvert or after. They plan on tripping back out on joint 60 which is just past the culvert area.

So with that said the reamer will be reaching the beginning of the culvert area on or after Tuesday of next week if they continue to get 5-6 joints per day. I'll reach out at the end of shift tonight, Sat and Monday to let you all know if we are still on track.

Thank you,

Dan



From: Paul Harenberg <PHarenberg@njwsa.org>
Sent: Thursday, January 5, 2023 10:09 AM
To: Kershner, Daniel A <[REDACTED]> Jeremy Brown <[REDACTED]>
[REDACTED] material
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Good Morning Dan,

Any update on anticipated timeline to be under the culvert again?

Thanks.

Regards,

Paul Harenberg, PE
Project Engineer
New Jersey Water Supply Authority

From: Kershner, Daniel A <[REDACTED]>
Sent: Tuesday, January 3, 2023 12:35 PM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <PHarenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

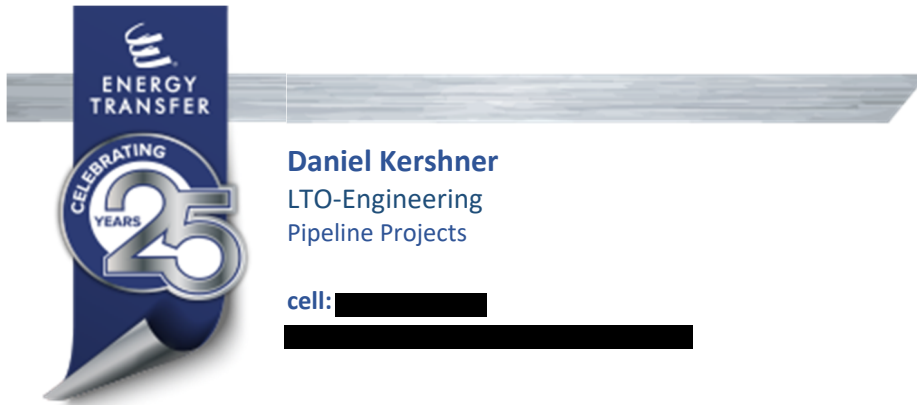
Happy New Year everyone!! Hope you had an enjoyable holiday with family and friends.

Jeremy,

Please find the attached revised schedule from Aarons for strictly the HDD activities. Once we monitor daily footage progress we'll be able to pin point when the ream will be reaching the culvert area

again. We may not see any forward progress today as it's the first day back to the site. De-winterizing and tripping back down hole with the reamer today/tomorrow. Also attached are the daily reports for the days worked passing under culvert.

Thank you,
Dan



From: Jeremy Brown <[REDACTED]>
Sent: Thursday, December 22, 2022 2:23 PM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg
<pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Hi Dan,

I hope you are doing well. Checking back in on anticipated timing for reaming underneath the culvert. While on site, we understand this was anticipated for mid-January. We would like to be on site for this, do you have an estimated schedule for that?

Also, can you provide daily reports for while the pilot bore passed under the culvert?

Thank you and happy holidays!

Jeremy

Jeremy J. Brown, PE
Associate

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From: Kershner, Daniel A <[REDACTED]>
Sent: Thursday, December 1, 2022 9:31 AM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Kayla can call me when she arrives. I'll most likely be finished with the DEP visit by then. The crew may be on lunch break but we can meet with Earl shortly after.

Thank you
Dan

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From: Jeremy Brown <[REDACTED]>
Sent: Wednesday, November 30, 2022 9:55 PM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Dan,

Thanks for the update. I am thinking tomorrow would be a good day for us to go to the site since the drill is anticipated to get to the culvert/canal during the day. Kayla Nelson (cc'd) will likely be getting to the site sometime around noon (we can give you a more exact time in the morning). Should she plan to meet you on site?

Thanks,
Jeremy

Jeremy J. Brown, PE
Associate

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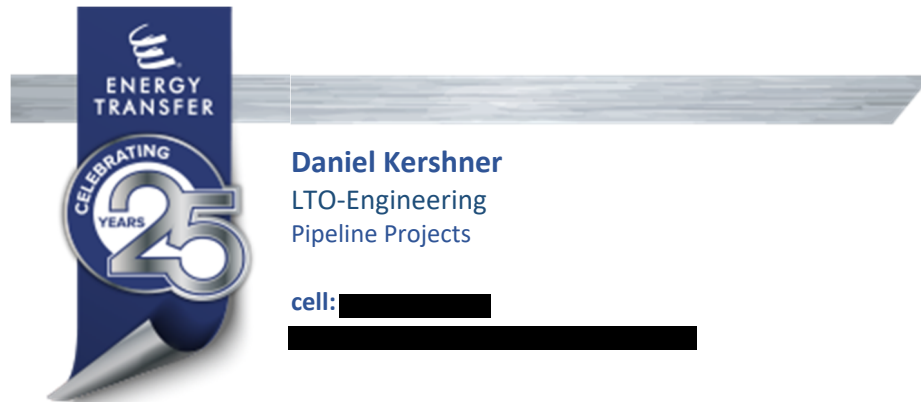
From: Kershner, Daniel A <[REDACTED]>
Sent: Wednesday, November 30, 2022 6:17 PM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Jeremy,

I'm still waiting on yesterdays Daily report. We requested Aarons to start putting some of the additional information on that report and moving forward.

Thank you,

Dan



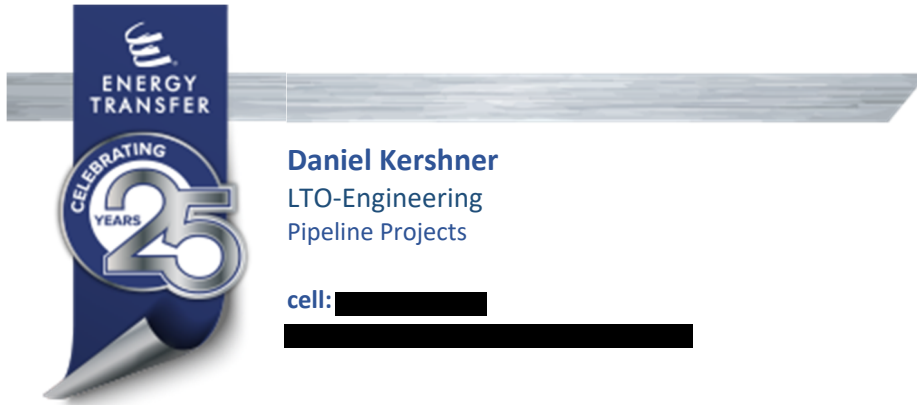
From: Kershner, Daniel A
Sent: Wednesday, November 30, 2022 6:07 PM
To: 'Jeremy Brown' <[REDACTED]> 'Paul Harenberg' <pharenberg@njwsa.org>
Cc: 'Weirsky, Edward J.' <[REDACTED]> 'Kayla Nelson' <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Jeremy,

Please see below progress from tonight. The updated excel/PDF profile will be coming tomorrow.

Thank you,

Dan



From: Kershner, Daniel A

Sent: Wednesday, November 30, 2022 2:06 PM

To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>

Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>

Subject: RE: Jacobs Creek HDD

Jeremy,

Please find the footages to the cutting head over the last few days. Attached is the daily log and the plan and profile as of 11.29. As mentioned on our call the Excel data sheet and Profile sheet distance is going to be slightly less than the footages below as they are obtained from where the gyro is located in the drill stem. Its lagging behind the mud motor and cutting head by approx.. 30'.

If we get 4-5 joints drilled tomorrow that will put us just at the vicinity of the canal just before horizontal station 17+00. Friday Dec 2 and Saturday Dec 3 will be piloting through the canal property. The project is only working 6-10's with no Sunday work.

Monday 11/28

62.43' cut

1387.07' Total

Tuesday 11/29

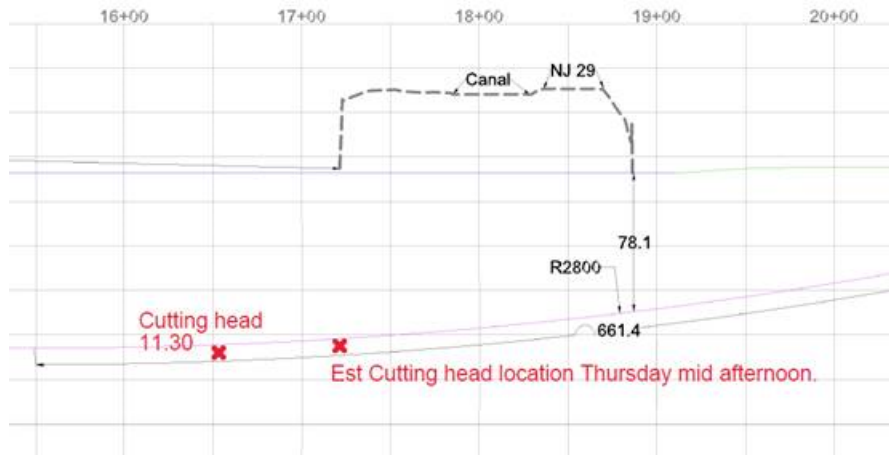
155.76' cut

1542.21' Total

Wednesday 11/30

190' cut

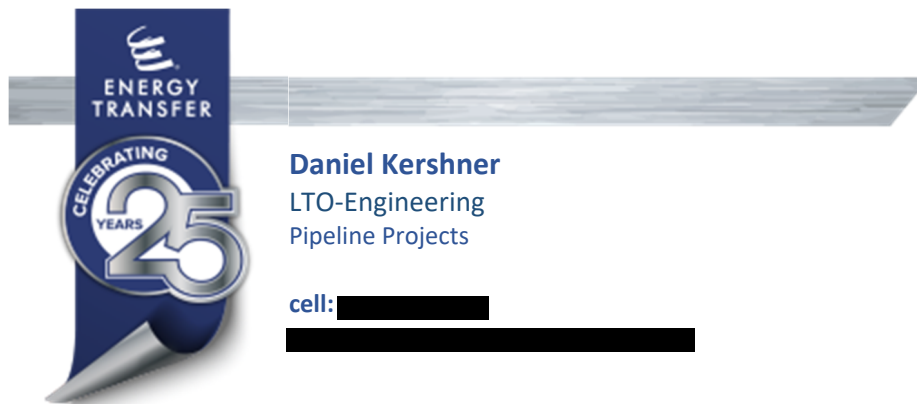
1732.9' total MD to cutting head. Approx Horizontal Station 16+56. NOTE the 1732.9' is Measured drill stem Distance. This does not equate to Station 17+32 on the profile.



To date we haven't been tracking the cutting volumes as we have been getting full returns. The pressures that are shown on the Daily Survey Data sheet is the average for each rod drilled. The pressure is recorded 6 times per second, so the engineer can pop in the drill cab and get real time AP's whenever needed.

I'll send you another update with today's progress which should end up being another 5 rods.

Thanks
Dan



From: Jeremy Brown <[redacted]>
Sent: Tuesday, November 29, 2022 1:11 PM
To: Kershner, Daniel A <[redacted]> Paul Harenberg
 <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[redacted]> Kayla Nelson <[redacted]>
Subject: RE: Jacobs Creek HDD

Hi Dan,

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Also, can you provide any other logs of drill fluid return volumes and drilling pressures, etc.? That would be helpful data to have.

Thank you!
Jeremy

Jeremy J. Brown, PE
Associate

Schnabel Engineering
T 610.696.6066 / C [REDACTED]
Philadelphia Area Office
3 Dickinson Drive, Suite 200
Chadds Ford, PA 19317
schnabel-eng.com

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From: Kershner, Daniel A <[REDACTED]>

Sent: Monday, November 28, 2022 9:11 AM

To: Paul Harenberg <pharenberg@njwsa.org>; Jeremy Brown <[REDACTED]>

Cc: Weirsky, Edward J. <[REDACTED]>

Subject: RE: Jacobs Creek HDD

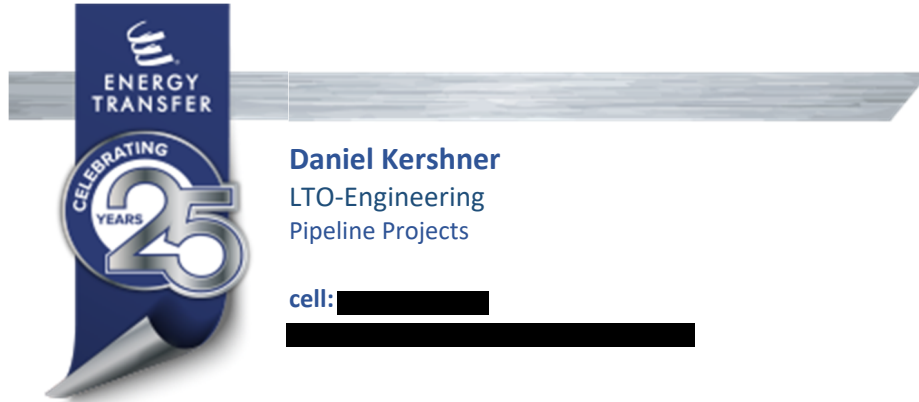
Paul/Jeremy,

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Today they are planning to trip in with the second motor, planning to reach bottom at about 1,260' in by this afternoon and possibly cut 1-2 rods of additional footage today.

Aarons estimates being at the canal property by this Thursday, so meeting Wednesday to get introduced to Earl would be the best plan. We also have a DEP meeting/inspection on Thursday so I may slip over to them once getting the assigned Schnabel engineer set up.

Thank you and look forward to meeting out there again this week.
Dan



From: Paul Harenberg <PHarenberg@njwsa.org>
Sent: Monday, November 28, 2022 8:10 AM
To: Jeremy Brown <[REDACTED]> Kershner, Daniel A
<[REDACTED]>
Subject: RE: Jacobs Creek HDD

Dan,

Any update on the progress from last week?

Thanks.

Regards,

Paul Harenberg, PE
Project Engineer
New Jersey Water Supply Authority

From: Jeremy Brown <[REDACTED]>
Sent: Wednesday, November 23, 2022 9:20 AM
To: Paul Harenberg <PHarenberg@njwsa.org>; [REDACTED]
Subject: Jacobs Creek HDD

Hi Paul and Dan,

It was good to see you on site this week. Can you provide an update on drilling progress this week? We are planning for next week.

[illegible]

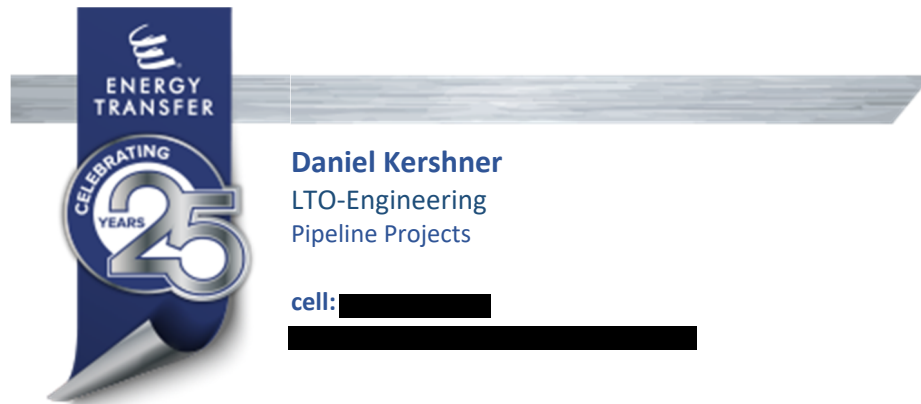
From: Kershner, Daniel A <[REDACTED]>
Sent: Wednesday, January 25, 2023 11:28 AM
To: Paul Harenberg
Cc: Weirsky, Edward J.
Subject: RE: Jacobs Creek HDD

Follow Up Flag: Follow up
Flag Status: Flagged

Paul,

I just spoke with Otis and the target removal date is the first week in March. Again, once we finalize the plan I'll let you know.

Thank you,
Dan



From: Paul Harenberg <PHarenberg@njwsa.org>
Sent: Wednesday, January 25, 2023 10:39 AM
To: Kershner, Daniel A <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Dan/Ed

Is there an updated project schedule for the rest of the work? When is the exposed pipe in the Jacobs Creek scheduled for removal?

Regards

Paul

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From: Kershner, Daniel A <[REDACTED]>
Sent: Monday, January 16, 2023 8:33:03 AM

To: Jeremy Brown <[REDACTED]> Paul Harenberg <PHarenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Jeremy,
I would head in this direction now. They'll be right around canal area this am.
Thank you
Dan

Get [Outlook for iOS](#)

From: Jeremy Brown <[REDACTED]>
Sent: Friday, January 13, 2023 4:29:35 PM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Great, that sounds good. We will also plan to call you Monday morning before heading out.

Do you have an as-drilled vertical and horizontal profile of the pilot hole? Also, can you send us recent daily reports from reaming and the daily survey data spreadsheets that show drilling pressures, etc?

Thanks!
Jeremy

Jeremy J. Brown, PE
Associate

Schnabel Engineering
T 610.696.6066 / C [REDACTED]
Philadelphia Area Office
3 Dickinson Drive, Suite 200
Chadds Ford, PA 19317
schnabel-eng.com



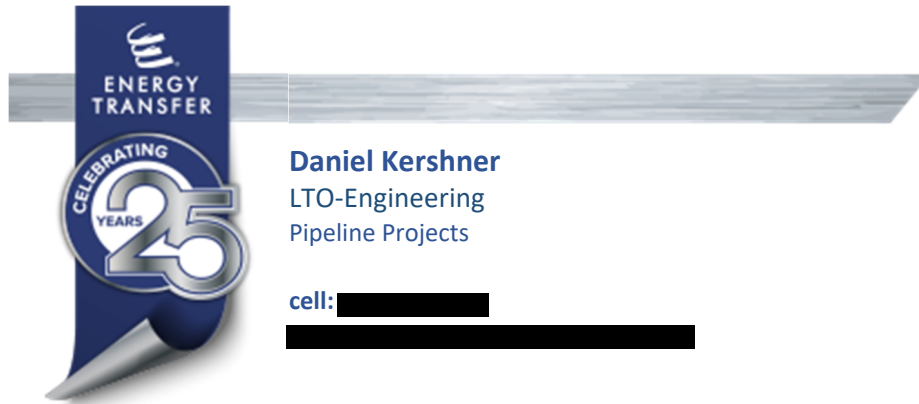
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From: Kershner, Daniel A <[REDACTED]>
Sent: Friday, January 13, 2023 2:53 PM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Yessir. Monday is still a good day to plan on coming out. It may be later in the day that we reach the culvert area, but better to be there a little early. I'll let you know tomorrow if we continue forward progress on the ream. We should be reaching bottom later today with the reamer on trip back in.

Thank you,
Dan



From: Jeremy Brown <[REDACTED]>
Sent: Friday, January 13, 2023 2:09 PM
To: Paul Harenberg <pharenberg@njwsa.org>; Kershner, Daniel A <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Hi Dan,

Just wanted to check in to see if Monday was still a good day to stop out.

Thanks!
Jeremy

Jeremy J. Brown, PE
Associate

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Chadds Ford, PA 19317
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From: Paul Harenberg <PHarenberg@njwsa.org>

Sent: Tuesday, January 10, 2023 11:34 AM

To: Jeremy Brown <[REDACTED]> Kershner, Daniel A

<[REDACTED]>

Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>

Subject: RE: Jacobs Creek HDD

Dan,

Thanks for keeping us informed.

Regards,

Paul Harenberg, PE

Project Engineer

New Jersey Water Supply Authority

From: Jeremy Brown <[REDACTED]>

Sent: Tuesday, January 10, 2023 10:36 AM

To: Kershner, Daniel A <[REDACTED]> Paul Harenberg

<PHarenberg@njwsa.org>

Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>

Subject: RE: Jacobs Creek HDD

Hi Dan,

Thanks for the update, and no worries, I understand how that goes. We will plan on coming out on Monday.

Thanks!

Jeremy

Jeremy J. Brown, PE

Associate

Schnabel Engineering

T 610.696.6066 / C [REDACTED]

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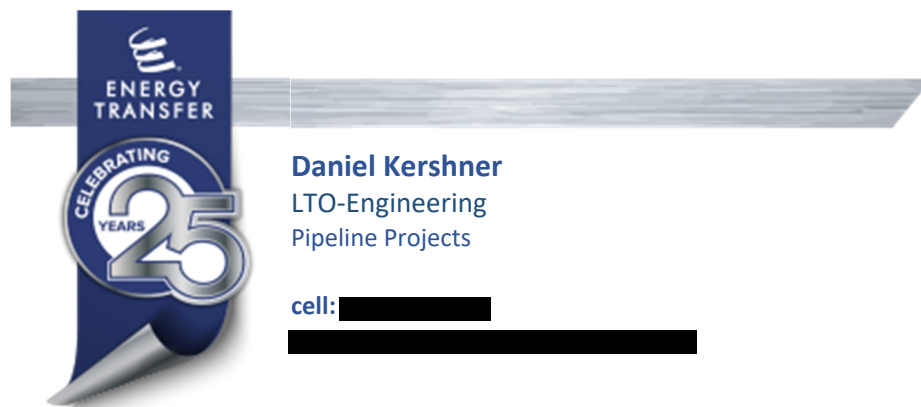
From: Kershner, Daniel A <[REDACTED]>
Sent: Tuesday, January 10, 2023 10:07 AM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Jeremy,

The reamer has reached its working hours and Aarons will be tripping out sooner than they originally expected. They are planning to trip out tomorrow and it will be 2-3 days to complete this. They will be back at around joint 55 next week. I would plan on coming out Monday of next week for now. Culvert area is around joint 56.

Thank you for understanding the continuous change in plans. That's just how HDDs work. You never know the schedule until the pipe is pulled.

Dan



From: Kershner, Daniel A <[REDACTED]>
Sent: Monday, January 9, 2023 9:42 AM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Jeremy,

We slowed down a bit over the weekend. We are planning to have 4 joints cut today and tomorrow. That will put us at joint 56 which is where culvert is located on Wednesday morning. If you don't hear from me this evening it means we hit the 4joints as planned today.

Thank you

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From: Jeremy Brown <[REDACTED]>
Sent: Monday, January 9, 2023 8:58:06 AM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg
<pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Good Morning Dan,

Checking in to see if you can provide an update on where the reamer is anticipated to be this week. As Paul mentioned, we are interested in when the reamer is scheduled to pass under the culvert so we can be on site to observe.

Thank you!
Jeremy

Jeremy J. Brown, PE
Associate

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From: Kershner, Daniel A <[REDACTED]>
Sent: Friday, January 6, 2023 10:09 AM
To: Paul Harenberg <pharenberg@njwsa.org>; Jeremy Brown <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

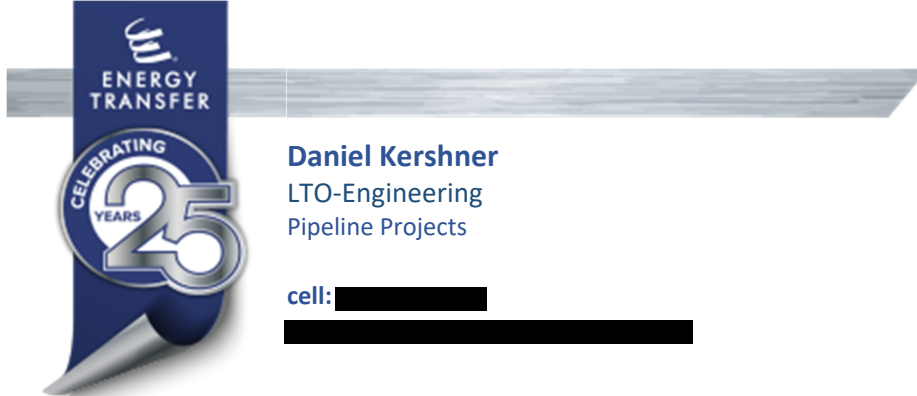
Paul,

Morning. I apologize for the delayed response. I was waiting to hear back from my driller if they were planning to trip out, clean hole, and inspect/swap the reamer prior to getting to the culvert or after. They plan on tripping back out on joint 60 which is just past the culvert area.

So with that said the reamer will be reaching the beginning of the culvert area on or after Tuesday of next week if they continue to get 5-6 joints per day. I'll reach out at the end of shift tonight, Sat and Monday to let you all know if we are still on track.

Thank you,

Dan



From: Paul Harenberg <PHarenberg@njwsa.org>
Sent: Thursday, January 5, 2023 10:09 AM
To: Kershner, Daniel A <[REDACTED]> Jeremy Brown <[REDACTED]>
[REDACTED] material
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Good Morning Dan,

Any update on anticipated timeline to be under the culvert again?

Thanks.

Regards,

Paul Harenberg, PE
Project Engineer
New Jersey Water Supply Authority

From: Kershner, Daniel A <[REDACTED]>
Sent: Tuesday, January 3, 2023 12:35 PM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <PHarenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

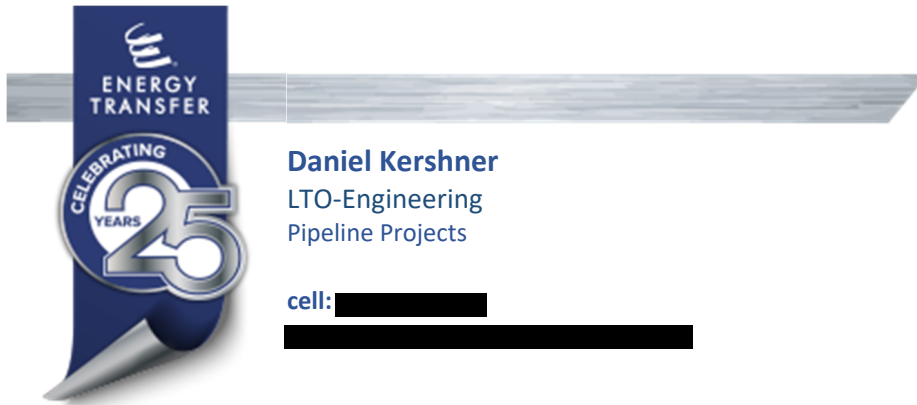
Happy New Year everyone!! Hope you had an enjoyable holiday with family and friends.

Jeremy,

Please find the attached revised schedule from Aarons for strictly the HDD activities. Once we monitor daily footage progress we'll be able to pin point when the ream will be reaching the culvert area

again. We may not see any forward progress today as it's the first day back to the site. De-winterizing and tripping back down hole with the reamer today/tomorrow. Also attached are the daily reports for the days worked passing under culvert.

Thank you,
Dan



From: Jeremy Brown <[REDACTED]>
Sent: Thursday, December 22, 2022 2:23 PM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg
<pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Hi Dan,

I hope you are doing well. Checking back in on anticipated timing for reaming underneath the culvert. While on site, we understand this was anticipated for mid-January. We would like to be on site for this, do you have an estimated schedule for that?

Also, can you provide daily reports for while the pilot bore passed under the culvert?

Thank you and happy holidays!

Jeremy

Jeremy J. Brown, PE
Associate

Schnabel Engineering
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schnabel-eng.com

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From: Kershner, Daniel A <[REDACTED]>
Sent: Thursday, December 1, 2022 9:31 AM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Kayla can call me when she arrives. I'll most likely be finished with the DEP visit by then. The crew may be on lunch break but we can meet with Earl shortly after.

Thank you
Dan

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From: Jeremy Brown <[REDACTED]>
Sent: Wednesday, November 30, 2022 9:55 PM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg
<pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Dan,

Thanks for the update. I am thinking tomorrow would be a good day for us to go to the site since the drill is anticipated to get to the culvert/canal during the day. Kayla Nelson (cc'd) will likely be getting to the site sometime around noon (we can give you a more exact time in the morning). Should she plan to meet you on site?

Thanks,
Jeremy

Jeremy J. Brown, PE
Associate

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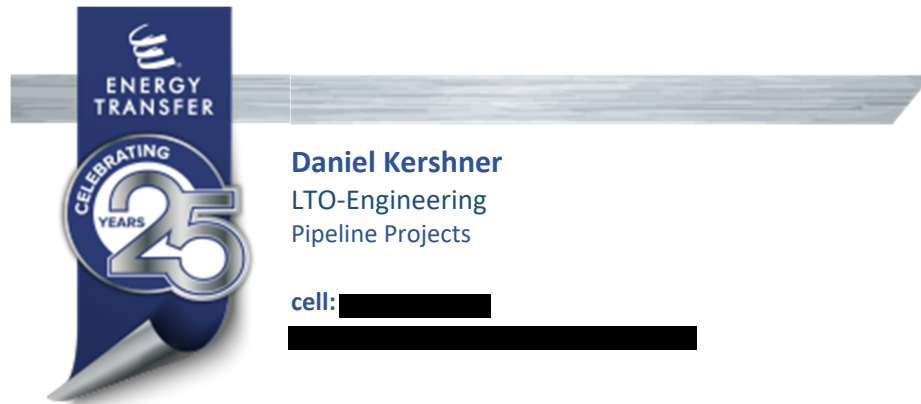
From: Kershner, Daniel A <[REDACTED]>
Sent: Wednesday, November 30, 2022 6:17 PM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Jeremy,

I'm still waiting on yesterdays Daily report. We requested Aarons to start putting some of the additional information on that report and moving forward.

Thank you,

Dan



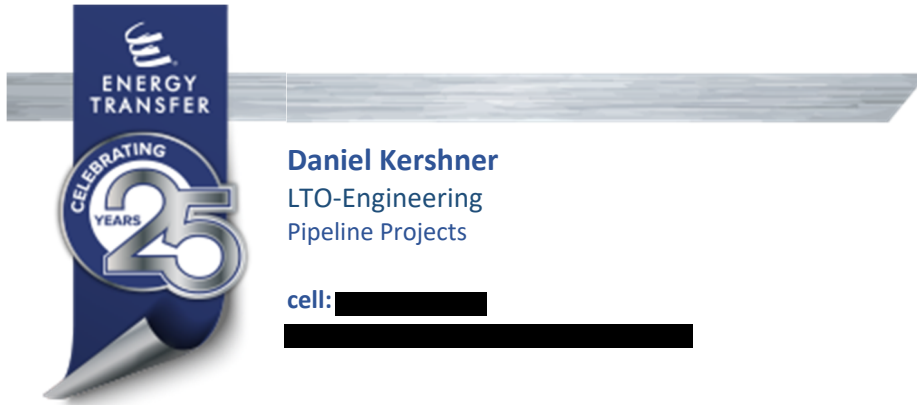
From: Kershner, Daniel A
Sent: Wednesday, November 30, 2022 6:07 PM
To: 'Jeremy Brown' <[REDACTED]> 'Paul Harenberg' <pharenberg@njwsa.org>
Cc: 'Weirsky, Edward J.' <[REDACTED]> 'Kayla Nelson' <[REDACTED]>
Subject: RE: Jacobs Creek HDD

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Thank you,

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To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>

Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>

Subject: RE: Jacobs Creek HDD

Jeremy,

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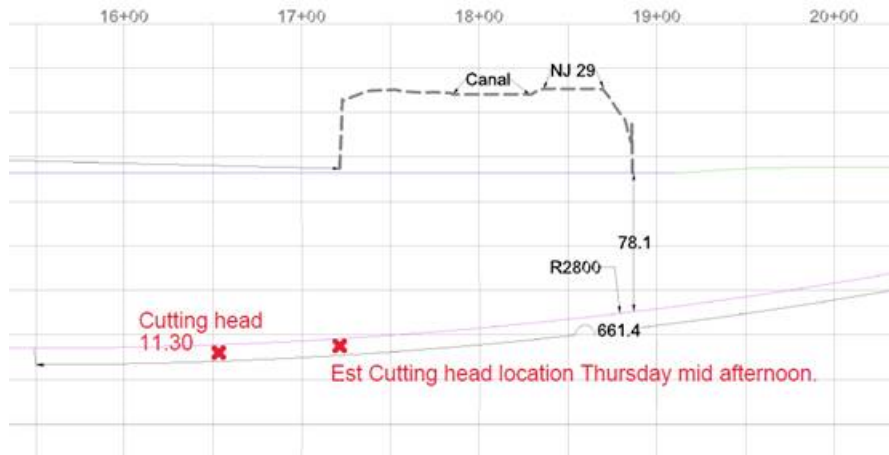
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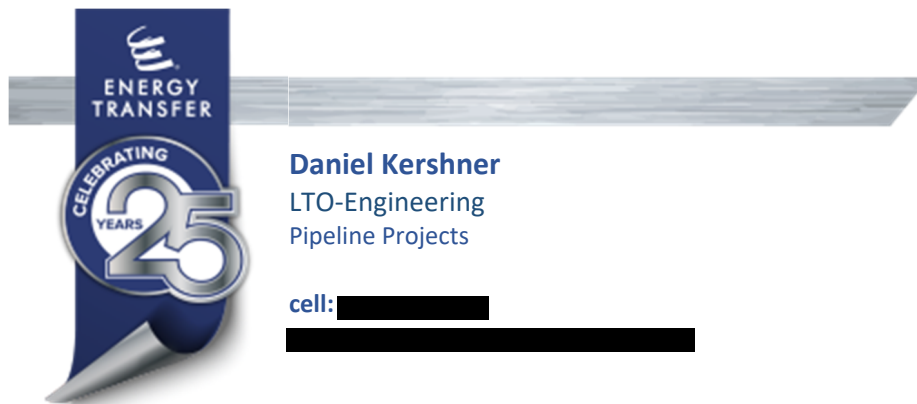
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Thanks
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Sent: Tuesday, November 29, 2022 1:11 PM
To: Kershner, Daniel A <[redacted]> Paul Harenberg
 <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[redacted]> Kayla Nelson <[redacted]>
Subject: RE: Jacobs Creek HDD

Hi Dan,

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Also, can you provide any other logs of drill fluid return volumes and drilling pressures, etc.? That would be helpful data to have.

Thank you!
Jeremy

Jeremy J. Brown, PE
Associate

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From: Kershner, Daniel A <[REDACTED]>

Sent: Monday, November 28, 2022 9:11 AM

To: Paul Harenberg <pharenberg@njwsa.org>; Jeremy Brown <[REDACTED]>

Cc: Weirsky, Edward J. <[REDACTED]>

Subject: RE: Jacobs Creek HDD

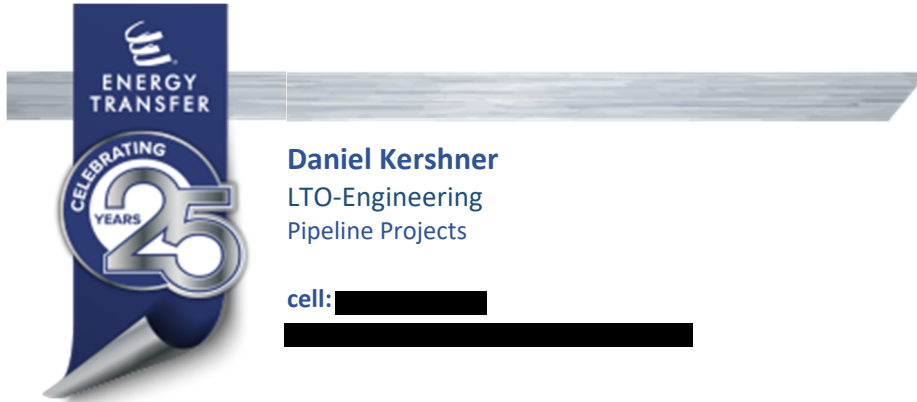
Paul/Jeremy,

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Aarons estimates being at the canal property by this Thursday, so meeting Wednesday to get introduced to Earl would be the best plan. We also have a DEP meeting/inspection on Thursday so I may slip over to them once getting the assigned Schnabel engineer set up.

Thank you and look forward to meeting out there again this week.
Dan



From: Paul Harenberg <PHarenberg@njwsa.org>
Sent: Monday, November 28, 2022 8:10 AM
To: Jeremy Brown <[REDACTED]> Kershner, Daniel A
<[REDACTED]>
Subject: RE: Jacobs Creek HDD

Dan,

Any update on the progress from last week?

Thanks.

Regards,

Paul Harenberg, PE
Project Engineer
New Jersey Water Supply Authority

From: Jeremy Brown <[REDACTED]>
Sent: Wednesday, November 23, 2022 9:20 AM
To: Paul Harenberg <PHarenberg@njwsa.org>; [REDACTED]
Subject: Jacobs Creek HDD

Hi Paul and Dan,

It was good to see you on site this week. Can you provide an update on drilling progress this week? We are planning for next week.

[illegible]

From: Weirsky, Edward J. <[REDACTED]>
Sent: Friday, February 24, 2023 3:48 PM
To: Paul Harenberg; Kershner, Daniel A
Subject: RE: Jacobs Creek HDD

Paul

The new line is now tie-in and line is now operational. The removal of the line is being planned right now but a schedule has not yet been finalized. Once it is we will let you know as it stands right now it will not before the week of March 6th.

Thank you

Edward J Weirsky Jr (Ed)
STV Inc
Sr. Project Manager
Work 609-530-0020
[REDACTED]
[REDACTED]

From: Paul Harenberg <PHarenberg@njwsa.org>
Sent: Friday, February 24, 2023 10:14 AM
To: Kershner, Daniel A <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]>
Subject: RE: Jacobs Creek HDD

****This e-mail is from outside STV****

Dan/Ed:

Looking for an update on project status and when pipe removal in Jacobs Creek Culvert is anticipated.

Thanks.

Regards,

Paul Harenberg, PE
Project Engineer
New Jersey Water Supply Authority

From: Paul Harenberg
Sent: Wednesday, January 25, 2023 1:54 PM
To: Kershner, Daniel A <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Thanks for the update.

Regards,

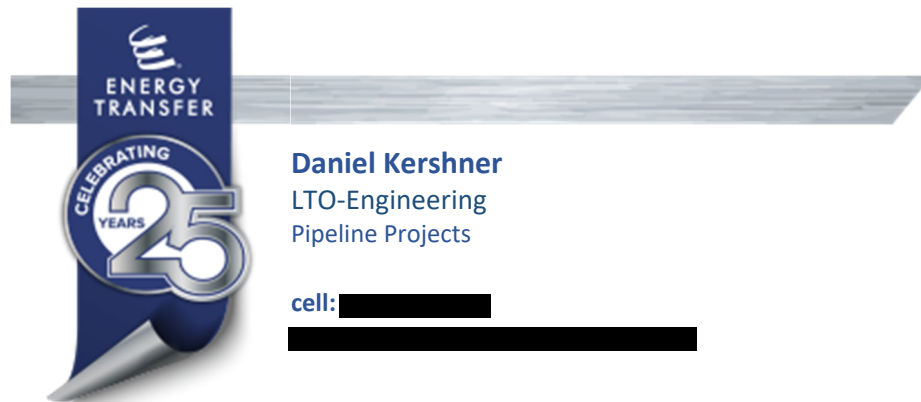
Paul Harenberg, PE
Project Engineer
New Jersey Water Supply Authority

From: Kershner, Daniel A <[REDACTED]>
Sent: Wednesday, January 25, 2023 11:28 AM
To: Paul Harenberg <PHarenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Paul,

I just spoke with Otis and the target removal date is the first week in March. Again, once we finalize the plan I'll let you know.

Thank you,
Dan



From: Paul Harenberg <PHarenberg@njwsa.org>
Sent: Wednesday, January 25, 2023 10:39 AM
To: Kershner, Daniel A <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Dan/Ed

Is there an updated project schedule for the rest of the work? When is the exposed pipe in the Jacobs Creek scheduled for removal?

Regards

Paul

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From: Kershner, Daniel A <[REDACTED]>
Sent: Monday, January 16, 2023 8:33:03 AM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <PHarenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Jeremy,

I would head in this direction now. They'll be right around canal area this am.

Thank you

Dan

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From: Jeremy Brown <[REDACTED]>
Sent: Friday, January 13, 2023 4:29:35 PM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Great, that sounds good. We will also plan to call you Monday morning before heading out.

Do you have an as-drilled vertical and horizontal profile of the pilot hole? Also, can you send us recent daily reports from reaming and the daily survey data spreadsheets that show drilling pressures, etc?

Thanks!

Jeremy

Jeremy J. Brown, PE

Associate

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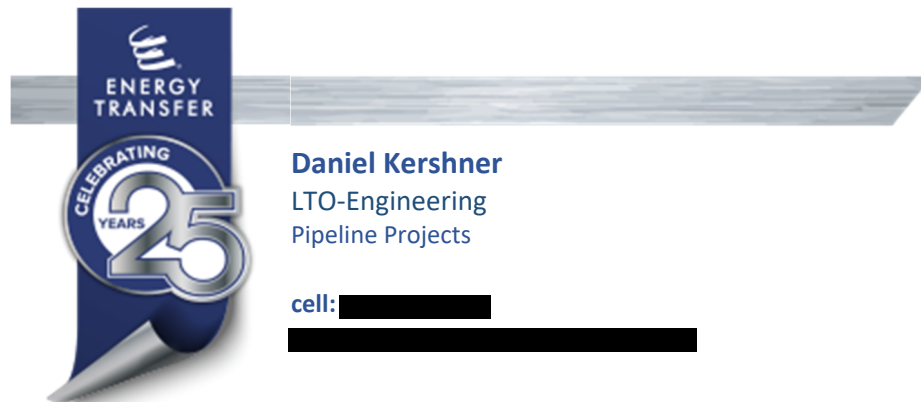
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From: Kershner, Daniel A <[REDACTED]>
Sent: Friday, January 13, 2023 2:53 PM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Yessir. Monday is still a good day to plan on coming out. It may be later in the day that we reach the culvert area, but better to be there a little early. I'll let you know tomorrow if we continue forward progress on the ream. We should be reaching bottom later today with the reamer on trip back in.

Thank you,
Dan



From: Jeremy Brown <[REDACTED]>
Sent: Friday, January 13, 2023 2:09 PM
To: Paul Harenberg <pharenberg@njwsa.org>; Kershner, Daniel A <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Hi Dan,

Just wanted to check in to see if Monday was still a good day to stop out.

Thanks!
Jeremy

Jeremy J. Brown, PE
Associate

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From: Paul Harenberg <PHarenberg@njwsa.org>

Sent: Tuesday, January 10, 2023 11:34 AM

To: Jeremy Brown <[REDACTED]> Kershner, Daniel A

<[REDACTED]>

Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>

Subject: RE: Jacobs Creek HDD

Dan,

Thanks for keeping us informed.

Regards,

Paul Harenberg, PE

Project Engineer

New Jersey Water Supply Authority

From: Jeremy Brown <[REDACTED]>

Sent: Tuesday, January 10, 2023 10:36 AM

To: Kershner, Daniel A <[REDACTED]> Paul Harenberg

<PHarenberg@njwsa.org>

Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>

Subject: RE: Jacobs Creek HDD

Hi Dan,

Thanks for the update, and no worries, I understand how that goes. We will plan on coming out on Monday.

Thanks!

Jeremy

Jeremy J. Brown, PE

Associate

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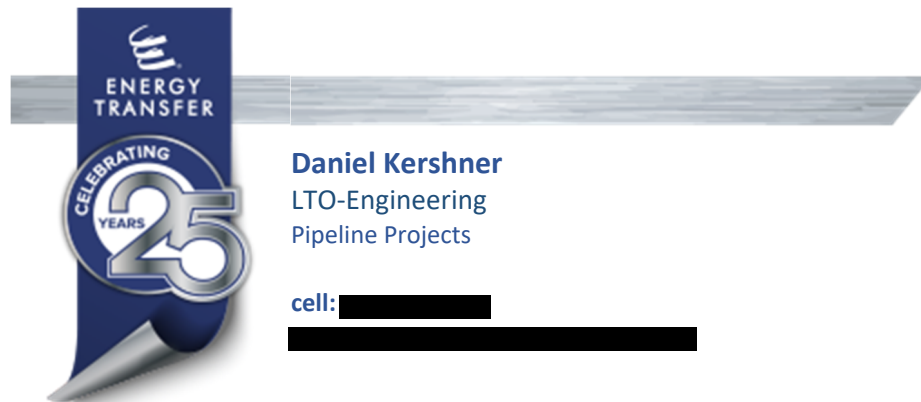
From: Kershner, Daniel A <[REDACTED]>
Sent: Tuesday, January 10, 2023 10:07 AM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Jeremy,

The reamer has reached its working hours and Aarons will be tripping out sooner than they originally expected. They are planning to trip out tomorrow and it will be 2-3 days to complete this. They will be back at around joint 55 next week. I would plan on coming out Monday of next week for now. Culvert area is around joint 56.

Thank you for understanding the continuous change in plans. That's just how HDDs work. You never know the schedule until the pipe is pulled.

Dan



From: Kershner, Daniel A <[REDACTED]>
Sent: Monday, January 9, 2023 9:42 AM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Jeremy,

We slowed down a bit over the weekend. We are planning to have 4 joints cut today and tomorrow. That will put us at joint 56 which is where culvert is located on Wednesday morning. If you don't hear from me this evening it means we hit the 4joints as planned today.

Thank you

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From: Jeremy Brown <[REDACTED]>
Sent: Monday, January 9, 2023 8:58:06 AM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg
<pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Good Morning Dan,

Checking in to see if you can provide an update on where the reamer is anticipated to be this week. As Paul mentioned, we are interested in when the reamer is scheduled to pass under the culvert so we can be on site to observe.

Thank you!
Jeremy

Jeremy J. Brown, PE
Associate

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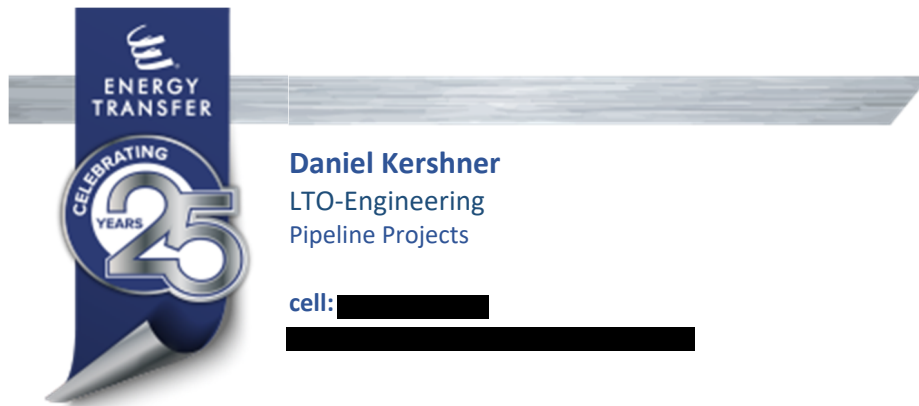
From: Kershner, Daniel A <[REDACTED]>
Sent: Friday, January 6, 2023 10:09 AM
To: Paul Harenberg <pharenberg@njwsa.org>; Jeremy Brown <[REDACTED]>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Paul,

Morning. I apologize for the delayed response. I was waiting to hear back from my driller if they were planning to trip out, clean hole, and inspect/swap the reamer prior to getting to the culvert or after. They plan on tripping back out on joint 60 which is just past the culvert area.

So with that said the reamer will be reaching the beginning of the culvert area on or after Tuesday of next week if they continue to get 5-6 joints per day. I'll reach out at the end of shift tonight, Sat and Monday to let you all know if we are still on track.

Thank you,
Dan



From: Paul Harenberg <PHarenberg@njwsa.org>

Sent: Thursday, January 5, 2023 10:09 AM

To: Kershner, Daniel A <[REDACTED]> Jeremy Brown <[REDACTED]>
> material

Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>

Subject: RE: Jacobs Creek HDD

Good Morning Dan,

Any update on anticipated timeline to be under the culvert again?

Thanks.

Regards,

Paul Harenberg, PE
Project Engineer
New Jersey Water Supply Authority

From: Kershner, Daniel A <[REDACTED]>

Sent: Tuesday, January 3, 2023 12:35 PM

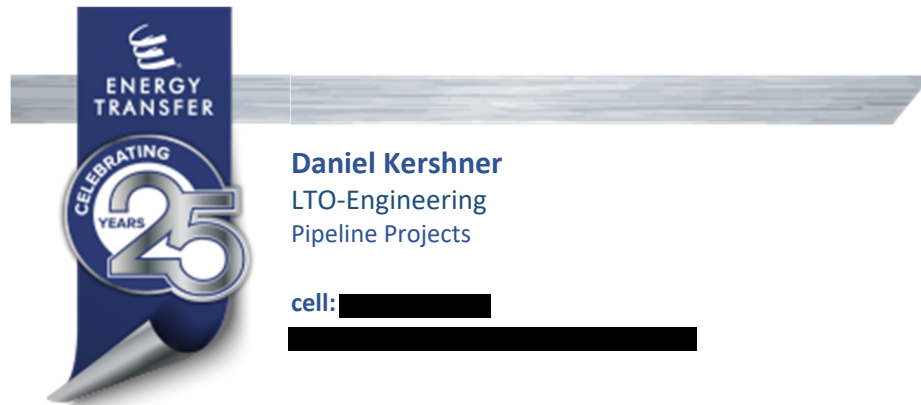
To: Jeremy Brown <[REDACTED]> Paul Harenberg <PHarenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Happy New Year everyone!! Hope you had an enjoyable holiday with family and friends.

Jeremy,

Please find the attached revised schedule from Aarons for strictly the HDD activities. Once we monitor daily footage progress we'll be able to pin point when the ream will be reaching the culvert area again. We may not see any forward progress today as it's the first day back to the site. De-winterizing and tripping back down hole with the reamer today/tomorrow. Also attached are the daily reports for the days worked passing under culvert.

Thank you,
Dan



From: Jeremy Brown <[REDACTED]>
Sent: Thursday, December 22, 2022 2:23 PM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Hi Dan,

I hope you are doing well. Checking back in on anticipated timing for reaming underneath the culvert. While on site, we understand this was anticipated for mid-January. We would like to be on site for this, do you have an estimated schedule for that?

Also, can you provide daily reports for while the pilot bore passed under the culvert?

Thank you and happy holidays!

Jeremy

Jeremy J. Brown, PE

Associate

Schnabel Engineering

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From: Kershner, Daniel A <[REDACTED]>
Sent: Thursday, December 1, 2022 9:31 AM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: Re: Jacobs Creek HDD

Kayla can call me when she arrives. I'll most likely be finished with the DEP visit by then. The crew may be on lunch break but we can meet with Earl shortly after.

Thank you

Dan

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From: Jeremy Brown <[REDACTED]>
Sent: Wednesday, November 30, 2022 9:55 PM
To: Kershner, Daniel A <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Dan,

Thanks for the update. I am thinking tomorrow would be a good day for us to go to the site since the drill is anticipated to get to the culvert/canal during the day. Kayla Nelson (cc'd) will likely be getting to the site sometime around noon (we can give you a more exact time in the morning). Should she plan to meet you on site?

Thanks,

Jeremy

Jeremy J. Brown, PE
Associate

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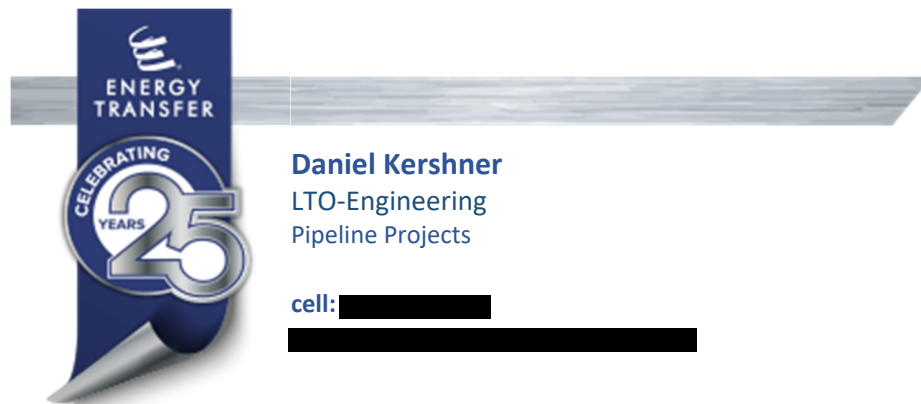
From: Kershner, Daniel A <[REDACTED]>
Sent: Wednesday, November 30, 2022 6:17 PM
To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>
Subject: RE: Jacobs Creek HDD

Jeremy,

I'm still waiting on yesterdays Daily report. We requested Aarons to start putting some of the additional information on that report and moving forward.

Thank you,

Dan



From: Kershner, Daniel A
Sent: Wednesday, November 30, 2022 6:07 PM
To: 'Jeremy Brown' <[REDACTED]> 'Paul Harenberg' <pharenberg@njwsa.org>

Cc: 'Weirsky, Edward J.' <[REDACTED]> 'Kayla Nelson' <[REDACTED]>

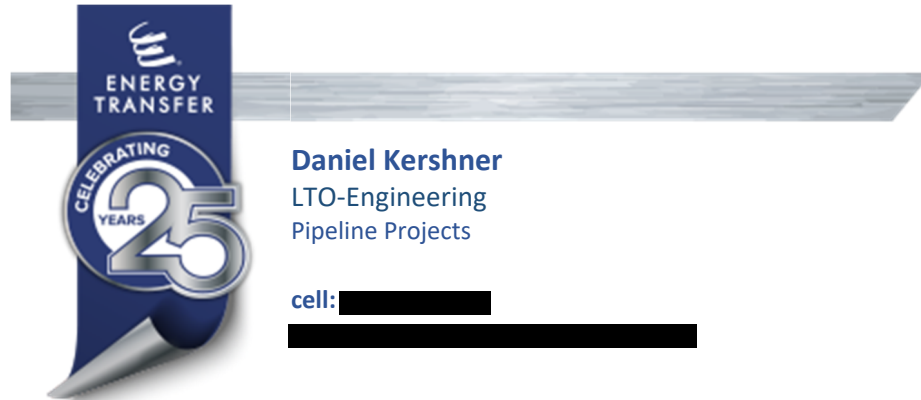
Subject: RE: Jacobs Creek HDD

Jeremy,

Please see below progress from tonight. The updated excel/PDF profile will be coming tomorrow.

Thank you,

Dan



From: Kershner, Daniel A

Sent: Wednesday, November 30, 2022 2:06 PM

To: Jeremy Brown <[REDACTED]> Paul Harenberg <pharenberg@njwsa.org>

Cc: Weirsky, Edward J. <[REDACTED]> Kayla Nelson <[REDACTED]>

Subject: RE: Jacobs Creek HDD

Jeremy,

Please find the footages to the cutting head over the last few days. Attached is the daily log and the plan and profile as of 11.29. As mentioned on our call the Excel data sheet and Profile sheet distance is going to be slightly less than the footages below as they are obtained from where the gyro is located in the drill stem. Its lagging behind the mud motor and cutting head by approx.. 30'.

If we get 4-5 joints drilled tomorrow that will put us just at the vicinity of the canal just before horizontal station 17+00. Friday Dec 2 and Saturday Dec 3 will be piloting through the canal property. The project is only working 6-10's with no Sunday work.

Monday 11/28

62.43' cut

1387.07' Total

Tuesday 11/29

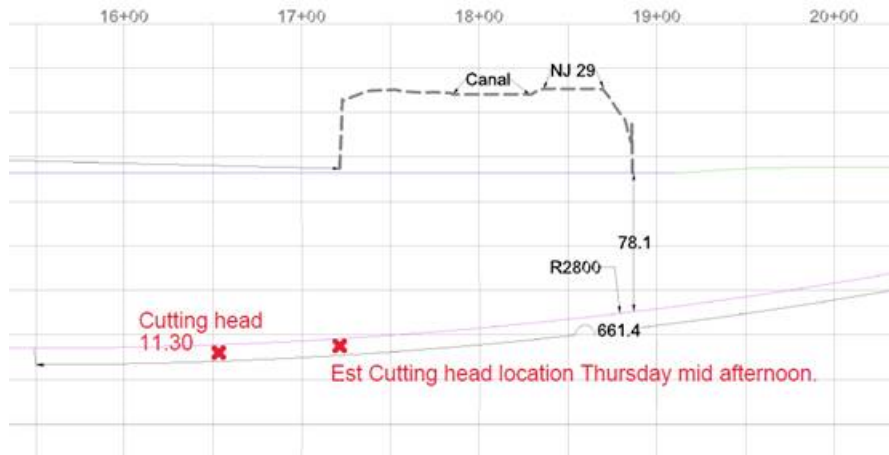
155.76' cut

1542.21' Total

Wednesday 11/30

190' cut

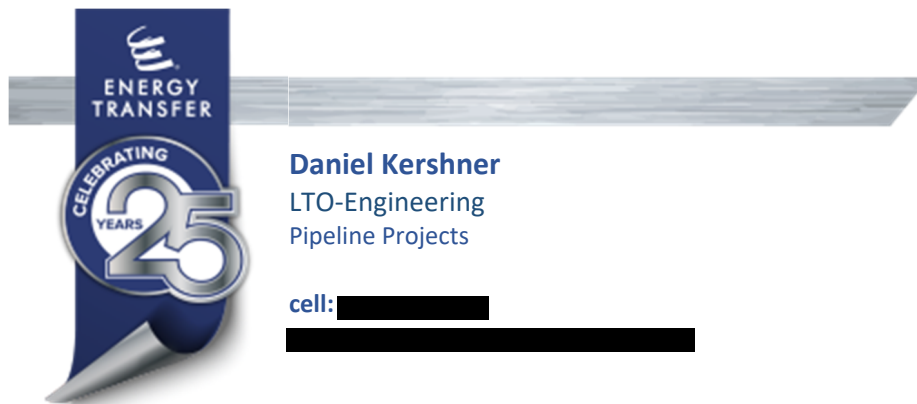
1732.9' total MD to cutting head. Approx Horizontal Station 16+56. NOTE the 1732.9' is Measured drill stem Distance. This does not equate to Station 17+32 on the profile.



To date we haven't been tracking the cutting volumes as we have been getting full returns. The pressures that are shown on the Daily Survey Data sheet is the average for each rod drilled. The pressure is recorded 6 times per second, so the engineer can pop in the drill cab and get real time AP's whenever needed.

I'll send you another update with today's progress which should end up being another 5 rods.

Thanks
Dan



From: Jeremy Brown <[redacted]>
Sent: Tuesday, November 29, 2022 1:11 PM
To: Kershner, Daniel A <[redacted]> Paul Harenberg
 <pharenberg@njwsa.org>
Cc: Weirsky, Edward J. <[redacted]> Kayla Nelson <[redacted]>
Subject: RE: Jacobs Creek HDD

Hi Dan,

Thanks for the update. I think we will tentatively plan to go to the site on Thursday, depending on progress between now and then. Can you provide us with progress updates for today and late tomorrow for us to gauge when to be on site?

Also, can you provide any other logs of drill fluid return volumes and drilling pressures, etc.? That would be helpful data to have.

Thank you!
Jeremy

Jeremy J. Brown, PE
Associate

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From: Kershner, Daniel A <[REDACTED]>

Sent: Monday, November 28, 2022 9:11 AM

To: Paul Harenberg <pharenberg@njwsa.org>; Jeremy Brown <[REDACTED]>

Cc: Weirsky, Edward J. <[REDACTED]>

Subject: RE: Jacobs Creek HDD

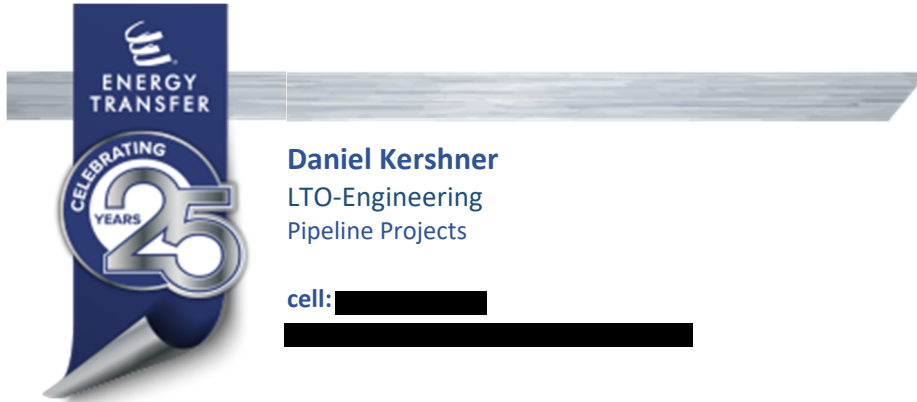
Paul/Jeremy,

I apologize for no update prior to Thanksgiving. There was really zero forward progress. Attached is the last updated data sheet and profile for forward progress. Ed W. may have already sent this to you. Essentially there has been no forward progress since 11.18.22. They, were changing out the motor last week and one of the two they put on and tripped in with ended up being a dud. They had to trip back out and put on the second motor. They are attempting to get the motor to bite up and get back closer to the designed depth under the river.

Today they are planning to trip in with the second motor, planning to reach bottom at about 1,260' in by this afternoon and possibly cut 1-2 rods of additional footage today.

Aarons estimates being at the canal property by this Thursday, so meeting Wednesday to get introduced to Earl would be the best plan. We also have a DEP meeting/inspection on Thursday so I may slip over to them once getting the assigned Schnabel engineer set up.

Thank you and look forward to meeting out there again this week.
Dan



From: Paul Harenberg <PHarenberg@njwsa.org>
Sent: Monday, November 28, 2022 8:10 AM
To: Jeremy Brown <[REDACTED]> Kershner, Daniel A
<[REDACTED]>
Subject: RE: Jacobs Creek HDD

Dan,

Any update on the progress from last week?

Thanks.

Regards,

Paul Harenberg, PE
Project Engineer
New Jersey Water Supply Authority

From: Jeremy Brown <[REDACTED]>
Sent: Wednesday, November 23, 2022 9:20 AM
To: Paul Harenberg <PHarenberg@njwsa.org>; [REDACTED]
Subject: Jacobs Creek HDD

Hi Paul and Dan,

It was good to see you on site this week. Can you provide an update on drilling progress this week? We are planning for next week.

Dan – also, if you can find any other daily logs of drill fluid return volumes and drilling pressures, etc., that would be helpful while we are on site.

Thanks, and have a great Thanksgiving!
Jeremy

Jeremy J. Brown, PE

Associate

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