

Summary of Activities Update

Update – February 9th

- Staff met with several property owners along the proposed Big Branch Force Main alignment. The purpose of these meetings was to discuss any potential impacts to their property.
 - Letters were mailed the week of February 5th the town, informing residents of next steps in scheduling property appraisals.
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Update – January 10th

Because most of the field work is complete for this project, please note that the updates shown on this document will follow a different format from this point forward. Updates may not appear weekly, but every effort will be made to highlight information of interest, as it occurs.

- Staff is currently meeting with property owners along the proposed Big Branch Force Main alignment. The purpose of these meetings is to discuss any potential impacts to their property.
 - Letters will be mailed soon from the town, informing residents of next steps in scheduling property appraisals.
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Performed Week of December 11th / Planned for Week of December 18th

Website Update – Document updated for 90% Force Main Design

Public Outreach – During the week of December 11th (originally planned for week of Dec. 4th) staff will be reaching out by email to property owners along the proposed Big Branch Force Main alignment. The purpose of this outreach is to offer one-on-one meetings to discuss any potential impacts to their property.

Performed Week of November 27th / Planned for Week of December 4th

Public Outreach – During the week of December 4th, staff will be reaching out by email to property owners along the proposed Big Branch Force Main alignment. The purpose of this outreach is to offer one-on-one meetings to discuss any potential impacts to their property.

Performed Week of November 13th / Planned for Week of November 20th

Survey for Easement Marking – No field work was performed the week of November 13th, and no field work is expected the week of November 20th.

Performed Week of October 30th / Planned for Week of November 6th

Survey for Easement Marking – No field work was performed the week of October 30th, and no field work is expected the week of November 6th.

Stream Determinations – No field work was performed the week of October 30th, and no additional field work is expected for the stream determinations. **NOTE:** Since there is no further anticipated work in this category, it will be removed from future weekly updates.

Performed Week of October 23rd / Planned for Week of October 30th

Geotechnical Evaluation – No additional field work was performed the week of October 23rd, and no further field work is expected regarding the geotechnical evaluation. **NOTE:** Since there is no further anticipated work in this category, it will be removed from future weekly updates.

Subsurface Utility Engineering (SUE) – No additional field work was performed the week of October 23rd, and no further field work is expected regarding the SUE. **NOTE:** Since there is no further anticipated work in this category, it will be removed from future weekly updates.

Survey for Easement Marking – The proposed easement was marked for one property owner this week. No field work is expected for the week of October 30th.

Stream Determinations – No field work was performed the week of October 23rd, and no field work is expected the week of October 30th.

Performed Week of October 16th / Planned for Week of October 23rd

Geotechnical Evaluation – No additional field work was performed the week of October 16th, and no field work is expected the week of October 23rd.

Subsurface Utility Engineering (SUE) – No additional field work was performed the week of October 16th, and no field work is expected the week of October 23rd.

Septic Field Surveys – No additional field work was performed the week of October 16th, and no further field work is expected with regard to septic field surveys.

Survey for Easement Marking - No field work was performed the week of October 16th. Coordination is occurring with one property owner to mark the proposed easement later the week of October 23rd.

Stream Determinations – No field work was performed the week of October 16th, and no field work is expected the week of October 23rd.

Performed Week of October 9th / Planned for Week of October 16th

Geotechnical Evaluation – No additional field work was performed the week of October 9th, and no field work is expected the week of October 16th.

Subsurface Utility Engineering (SUE) – No additional field work was performed the week of October 9th, and no field work is expected the week of October 16th.

Septic Field Surveys – This week, the proposed easement was marked on one property, and our septic field investigation sub-consultant determined that the septic field do not extend into the proposed easement. No field work is expected the week of October 16th.

Stream Determinations – No field work was performed the week of October 9th, and no field work is expected the week of October 16th.

Performed Week of October 2nd / Planned for Week of October 9th

Geotechnical Evaluation – No additional field work was performed the week of October 2nd, and no field work is expected the week of October 9th.

Subsurface Utility Engineering (SUE) – No additional field work was performed the week of October 2nd, and no field work is expected the week of October 9th.

Septic Field Surveys – No field work was performed the week of October 2nd. Next week, a proposed easement will be marked, and our septic field investigation sub-consultant will determine if the septic field is within the proposed easement. Access to the property has been coordinated with the property owner.

Stream Determinations – No field work was performed the week of October 2nd, and no field work is expected the week of October 9th.

Performed Week of September 25th / Planned for Week of October 2nd

Geotechnical Evaluation – No additional field work was performed week of September 25th and no field work is expected the week of October 2nd.

Subsurface Utility Engineering (SUE) – No additional field work was performed week of September 25th and no field work is expected the week of October 2nd.

Septic Field Surveys – This week, the proposed easements were marked on one property and our septic field investigation sub-consultant confirmed that the septic field did not extend into the easement. No field work is expected for the week of October 2nd.

Stream Determinations – Representatives from Hazen viewed potential streams along the force main corridor on September 28th. Hazen only accessed properties where permission to access was granted. No field work is expected for the week of October 2nd.

Performed Week of September 18th / Planned for Week of September 25th

Geotechnical Evaluation – No additional field work was performed week of September 18th and no field work is expected the week of September 25th.

Subsurface Utility Engineering (SUE) – No additional field work was performed week of September 18th and no field work is expected the week of September 25th.

Septic Field Surveys – No additional field work was performed week of September 18th. For the week of September 25th, our surveyor will be marking proposed easements on a few properties and our septic field investigation sub consultant will be identifying if any of the septic fields extend into the proposed easements. Direct coordination with the impacted property owners will be completed prior to the field work and we will adhere to all property owner requests for notifications and/or scheduling property access.

Stream Determinations – No additional field work was performed week of a September 18th. Representatives from Hazen will be viewing potential streams along the force main corridor at the end of next week. Hazen will adhere to all property owner requests for notifications and/or scheduling property access. Hazen will only access properties where permission to access has been granted. Some stream determinations will be conducted from the US 1 Right-of-Way, adjacent to properties.

Performed Week of September 11th / Planned for Week of September 18th

Geotechnical Evaluation – No additional field work was performed week of September 11th and no field work is expected the week of September 18th.

Subsurface Utility Engineering (SUE) – No additional field work was performed week of September 11th and no field work is expected the week of September 18th.

Septic Field Surveys – No additional field work was performed week of September 11th and no field work is expected the week of September 18th.

Stream Determinations –No additional field work was performed week of a September 11th. Representatives from Hazen will be viewing potential streams along the force main corridor at the end of next week. Hazen will adhere to all property owner requests for notifications and/or scheduling property access. Hazen will only access properties where permission to access has been granted. Some stream determinations will be conducted from the US 1 Right-of-Way, adjacent to properties.

Performed Week of September 4th / Planned for Week of September 11th

Geotechnical Evaluation – No additional field work was performed week of September 4th and no field work is expected the week of September 11th.

Subsurface Utility Engineering (SUE) – No additional field work was performed week of September 4th and no field work is expected the week of September 11th.

Septic Field Surveys – No additional field work was performed week of September 4th and no field work is expected the week of September 11th.

Stream Determinations – No additional field work was performed week of September 4th. Representatives from Hazen will be viewing potential streams along the force main corridor at the end of next week. Hazen will adhere to all property owner requests for notifications and/or scheduling property access

Performed Week of August 28th / Planned for the Week of September 4th

Below is a summary of the field work that was performed the Week of August 28th and the work that is planned for the Week of September 4th.

Geotechnical Evaluation – No additional field work was performed week of August 28th and no field work is expected the week of September 4th.

Subsurface Utility Engineering (SUE) – No additional field work was performed week of August 28th and no field work is expected the week of September 4th.

Septic Field Surveys – No additional field work was performed week of August 28th and no field work is expected the week of September 4th.

Stream Determinations – No additional field work was performed week of August 28th and no field work is expected the week of September 4th. Our next field work is still scheduled for the middle of September for the stream determinations. We are in the process of contacting property owners where we will need access to their properties for the determinations.

Performed Week of August 21st / Planned for the Week of August 28th

Geotechnical Evaluation – No additional field work was performed week of August 21st and no field work is expected the week of August 28th.

Subsurface Utility Engineering (SUE) – No additional field work was performed week of August 21st and no field work is expected the week of August 28th.

Septic Field Surveys – No additional field work was performed week of August 21st and no field work is expected the week of August 28th.

Stream Determinations – No additional field work was performed week of August 21st and no field work is expected the week of August 28th.

Performed Week of August 14th / Planned for the Week of August 21st

Geotechnical Evaluation – This week, our geotechnical subconsultant, Falcon, completed the soil borings south of US 1. No additional field work is expected the week of August 21st.

Subsurface Utility Engineering (SUE) – No additional field work was performed the week of August 14th and no field work is expected the week of August 21st.

Septic Field Surveys – No additional field work was performed week of August 14th and no field work is expected the week of August 21st.

Stream Determinations – Representatives from Hazen will be viewing potential streams along the force main corridor at the end of next week. Hazen will adhere to all property owner requests for notifications and/or scheduling property access.

Performed Week of August 7th / Planned for the Week of August 14th

Geotechnical Evaluation – No additional field work was performed the week of August 7th. For the week August 14th, our geotechnical subconsultant, Falcon, will be completing the soil borings south of US 1. Falcon will continue adhere to all property owner requests for notifications and/or scheduling property access.

Subsurface Utility Engineering (SUE) – No additional field work was performed the week of August 7th and no field work is expected the week of August 14th.

Septic Field Surveys – No additional field work was performed week of August 7th and no field work is expected the week of August 14th.

Performed Week of July 31st / Planned Week of August 7th

Geotechnical Evaluation – No additional field work was performed the week of July 31st and no field work is expected the week of August 7th.

Subsurface Utility Engineering (SUE) – No additional field work was performed the week of July 31st and no field work is expected the week of August 7th.

Septic Field Surveys – No additional field work was performed week of July 31st and no field work is expected the week of August 7th.

Performed Week of July 10th / Planned Week of July 17th

Geotechnical Evaluation – No additional field work was performed the week of July 10th and no field work is expected the week of July 17th.

Subsurface Utility Engineering (SUE) – No additional field work was performed the week of July 10th and no field work is expected the week of July 17th.

Septic Field Surveys – No additional field work was performed week of July 10th and no field work is expected the week of July 17th.

Performed Week of July 3rd / Planned Week of July 10th

Geotechnical Evaluation – The week of July 3rd, Falcon, our geotechnical sub-consultant, measured water levels on hand auger borings and backfilled the holes.
No geotechnical field work is expected for next week.

Subsurface Utility Engineering (SUE) – No additional field work was performed the week of July 3rd and no field work is expected the week of July 10th.

Septic Field Surveys – No additional field work was performed week of July 3rd and no field work is expected the week of July 10th.

Performed Week of June 26th / Planned Week of July 3rd

Geotechnical Evaluation – This week, Falcon, our geotechnical sub-consultant, completed the remaining hand augers.

No geotechnical field work is expected for next week.

Subsurface Utility Engineering (SUE) – No additional field work was performed this week and no field work is expected the Week of July 3rd.

Septic Field Surveys – No additional field work was performed this week and no field work is expected the Week of July 3rd.

Performed Week of June 19th / Planned Week of June 26th

Geotechnical Evaluation – No field work was performed this week due to the inclement weather. Next week, Falcon, our geotechnical sub-consultant, has the following scheduled:

- Finish the hand auger borings.

Subsurface Utility Engineering (SUE) – No additional field work was performed this week and no field work is expected the Week of June 19th.

Septic Field Surveys – No additional field work was performed this week and no field work is expected the Week of June 19th.

Performed Week of June 12th / Planned Week of June 19th

Geotechnical Evaluation – This week, our geotechnical engineer, Falcon, performed the following:

- Field work was not completed. Waiting on work at Bereman property and will check again with him next week.
- Field staff were unable to perform hand auger borings as planned.

Next week, Falcon has the following scheduled:

- Finish the hand auger borings.
- Potentially finish the drill rig work, dependent upon coordination.

Subsurface Utility Engineering (SUE) – No additional field work was performed this week and no field work is expected the Week of June 19th.

Septic Field Surveys – No additional field work was performed this week and no field work is expected the Week of June 19th.

Performed Week of June 5th / Planned Week of June 12th

Geotechnical Evaluation – This week, our geotechnical engineer, Falcon, performed the following:

- Completed the remaining limited clearing.
- As of Thursday evening, 22 borings were completed this week. 39 borings of 69 have been completed for the project.

Next week, Falcon has the following scheduled:

- Completing the drill rig borings by Monday or Tuesday
- Completing the hand auger borings within 1 or 2 days following the drill rig
- Finishing field work by Thursday/Friday.

Subsurface Utility Engineering (SUE) – No additional field work was performed this week and no field work is expected the Week of June 12th.

Septic Field Surveys – No additional field work was performed this week and no field work is expected the Week of June 12th.

Performed Week of May 29th / Planned Week of June 5th

Geotechnical Evaluation – This week, our geotechnical engineer, Falcon, performed the following:

- Met with property owners on the Bereman property and staked boring locations south of US-1
- Met with Dixie Pipeline locator
- Started limited clearing on Thursday (1 day only this week)
- Started drilling at the WWRWRF and the southern end of the project near the treatment facility
- Coordinated limited clearing and cutting along US-1 with property owners

Next week, Falcon has the following scheduled:

- Continue 1 to 2 more days of clearing work (locations south of US-1 and some areas along US-1)
- Chainsaw/ hand clear along US-1 at specific addresses
- Drill south of US-1 and then continue down US-1

Subsurface Utility Engineering (SUE) –No additional field work was performed this week and no field work is expected the Week of June 5th.

Septic Field Surveys – No additional field work was performed this week and no field work is expected the Week of June 5th.

Performed Week of May 22nd / Planned Week of May 29th

Geotechnical Evaluation – This week, Falcon coordinated with property owners and called in utility markings (NC811). All utility markings should be completed by the end of the week and utilize only paint. Falcon will continue to adhere to all property owner requests for notifications and/or scheduling property access. Next week, Falcon has the following activities scheduled:

- Tuesday/Wednesday: Meet with utility locators, and property owners located on Woodfield Dead End Road to see if they can walk the boring sites. Continue to notify residents of all field activities.
- Thursday: Meet with drillers to begin their work on the southern portion of the project at the Western Wake Regional Water Reclamation Facility.
- Friday: Continue drilling activities off of New Hill Holleman Road and then move over to Woodfield Dead End Road if ready.

Subsurface Utility Engineering (SUE) –No additional field work was performed this week and no field work is expected the Week of May 29th.

Septic Field Surveys – No additional field work was performed this week and no field work is expected the Week of May 29th.

Interim Update: May 23rd

On 5/23/2023, the geotechnical consultant, Falcon, called in Utility Locate Requests via NC811 to locate existing utilities on properties in the vicinity of the geotechnical subsurface investigations along the US 1

corridor of the force main. This process is required by law prior to any subsurface work. Property owners should expect representatives of any existing utilities that are in the vicinity of the geotechnical investigation to mark these utilities over the next 72 hours.

Performed Week of May 15th / Planned Week of May 22nd

Geotechnical Evaluation – This week, Falcon visited the Williams and Hastings properties to discuss the field work with the property owners and establish boring offsets. Next week, Falcon will be staking the borings east of US 1 and will perform some path cutting for the drillers. Falcon will continue adhere to all property owner requests for notifications and/or scheduling property access.

Subsurface Utility Engineering (SUE) –No additional field work was performed this week and no field work is expected the Week of May 22nd.

Septic Field Surveys –This week, Agri-Waste and CJS staff visited the Olive and Bruce properties to establish the limit of their septic systems. No field work associated septic field surveys is expected for the week of May 22nd.

Performed Week of May 8th / Planned Week of May 15th

Geotechnical Evaluation – This week, Falcon coordinated with property owners, staked boring locations and investigated access to each boring location. The Week of May 15th, they will continue to coordinate with property owners, stake the remaining boring locations and begin subsurface investigations east of US 1. The investigations will include limited site clearing and drilling at the bore locations. Falcon will adhere to all property owner requests for notifications and/or scheduling property access.

Subsurface Utility Engineering (SUE) – This week, Stewart surveyed the SUE test holes. No additional field work is expected the Week of May 15th.

Septic Field Surveys – No field work was performed during the Week of May 8th. Next week, Agri-Waste and CJS staff will be visiting the Olive site to establish the limit of their septic system on Monday afternoon. Also, CJS staff will be visiting the Bruce property to confirm the limits of their septic system. As requested, the property owner will be notified prior to accessing the property.

Performed Week of May 1st / Planned Week of May 8th

Geotechnical Evaluation – Falcon completed three (3) borings for the US 1 crossing. Two of the borings were within the US 1 Right of Way (R/W). The third boring was in the Duke Energy easement adjacent to the US 1 R/W. Next week, Falcon will plans to enter properties with where access has been approved by the property owners to mark boring locations and determine how the drillers will access each boring.

Subsurface Utility Engineering (SUE) – Stewart completed three test holes in sewer easement adjacent to the Western Wake Water Reclamation Facility. Next week, Stewart will return to these test holes to survey them.

Stream Access Crossing Assessments – Hazen staff visited multiple stream and wetland crossings along the proposed Force Main installation path on Wednesday, May 3rd. Hazen collected photo documentation and stream geomorphology data to guide the design of proposed access crossings. Field

work was not performed on any properties with livestock that required scheduling access. No additional field work for these designs is expected the Week of May 8th.

Right of Way Fence Line Determine – CJS determined the location of the US 1 R/W fence lines in a few locations that were not clear on the survey due to the vegetation. No private property entry was required for this work.

Septic Field Surveys – No field work was performed during the Week of May 1st. Next week, Agri-Waste Technology plans to revisit the Bruce property at 8164 Providence Oak Path to further investigate their septic field. As requested, the property owner will be notified prior to accessing the property.