



Allison Park (Township of Hampton) Wastewater Pollution Control Plant  
Improvements and Renovation Project

***May - June 2023 Construction Progress Report***

**Background and Overview**

The Pennsylvania Sewage Facilities Act (Act 537) was enacted by the Pennsylvania Legislature in 1966 and requires every municipality in the Commonwealth of Pennsylvania to develop and maintain an up-to-date Act 537 Sewage Facilities Plan. In 2018, the Township submitted such a plan which identified the need for an extensive renovation, up-grade, and improvements project for the Allison Park Wastewater Pollution Control (APWPC) Facility. After much delay this project was publicly bid and got underway in September 2022. It has an anticipated completion date in the late summer of 2025. There are several elements or divisions (work tasks) that have been identified as part of this project. As such, it is estimated that upon the completion of all construction work the cost of this project will fall in the range of \$57 to \$60 million. The combined contractors (Mele and Mele – the General Contractor and Clista – the Electrical Contractor) bid total was \$54,958,999.

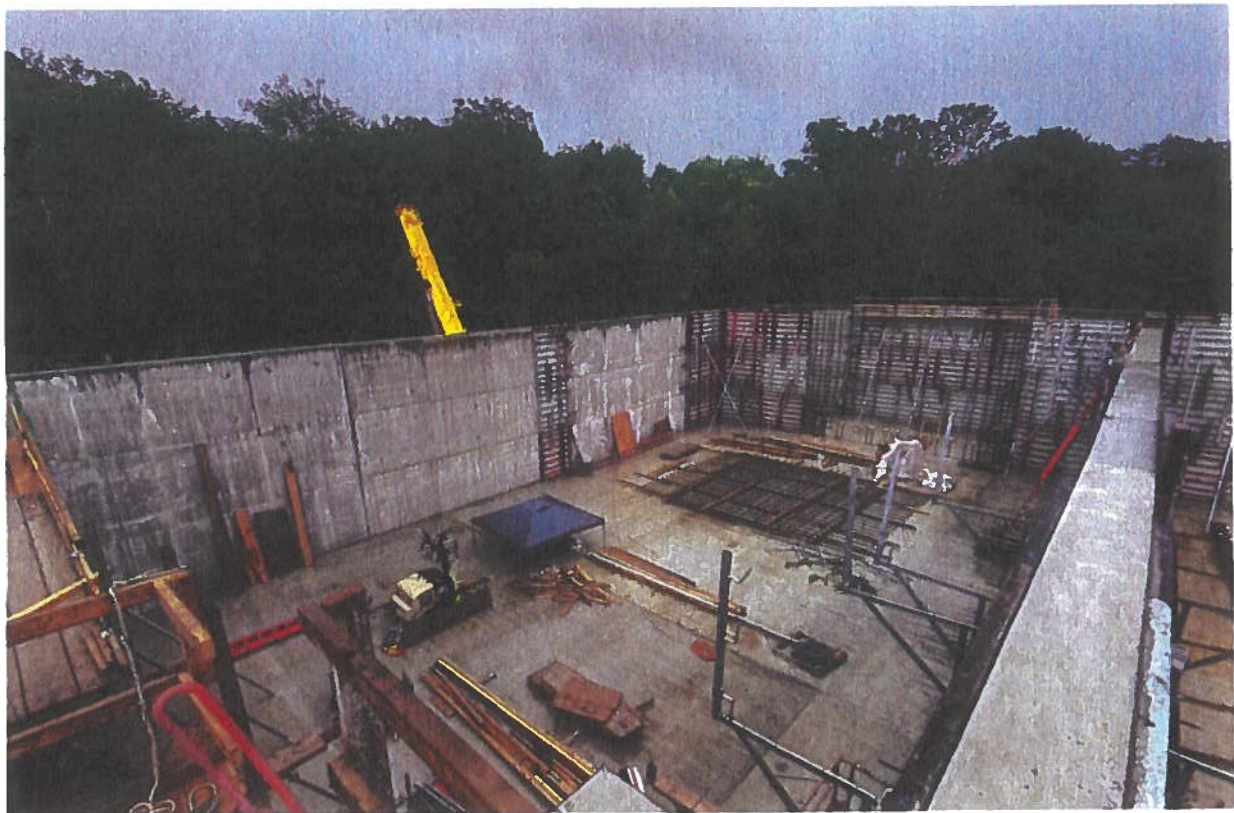
**May - June 2023 Construction Activities Report - General Overview**

As of June 27, 2023, we are now 323 days or 28% into the contract with Mele & Mele regarding general construction improvements at the new sewer plant. We are also and 323 days or 9% into a 960-day contract with Clista Electric regarding electrical upgrades/improvements.

Since the April May Construction Report three Construction Meetings have been held, one on May 4<sup>th</sup> (Construction Meeting # 9) one on June 1<sup>st</sup> (Construction Meeting # 10) and one held today, June 27<sup>th</sup> (Construction Meeting # 11). ***The minutes from Construction Meetings 9 and 10 are attached as Appendix #1 and # 2 for your information and review.***

The scheduling of bi-monthly on-site tours of the construction site by Councilmembers and the Controller was discussed. It was agreed to by the contractor, who currently holds control (for liability purposes) of the site, that such visits would be permitted if scheduled in advance. On Wednesday July 26, 2023 the first such tour/visit has been scheduled beginning at 6:00 pm. Future such on-site visits/tours will be scheduled for either the second or fourth Wednesday of the month depending on availability.

On June 1<sup>st</sup>, 14<sup>th</sup>, 15<sup>th</sup>, 20<sup>th</sup>, and 26<sup>th</sup>, significant concrete slab pours were made. Floor #1 of the SBR's has been completed and the walls are currently under construction. The Headworks walls are also underway. Please see the pictures on the following page:



**Issues of Concern**

Mele indicated project schedule coordination with Clista will become critical in the upcoming months. Clista indicated some concern regarding the receipt of equipment, the MCC Gear in particular which is critical to the transfer of electrical power to the new plant. Representatives from Clista indicated that they had ordered the MCC months ago and have been informed that they will not receive it until February 2024 at the earliest. This delay could create a problem with Duquesne Lights' installation of a new plant transformer.

The Township requested that requests for payment be presented at the monthly Construction Meeting and that all change orders, no matter how little the cost or if it is a credit, be presented to and approved by Township Council.

There were no new RFI's presented and attached as Appendix #3 is a review of RFI's 016 – 021. RFI's 001 currently remains open and is being reviewed.

**General Project Summary Information**

Below is a numerical summary of where each contract (general and electrical) is currently regarding the contract schedule, bid costs versus actual costs, change orders, and percentage of contract completion to date.

<b>REPORT DATE</b>		<b>June 27, 2023</b>	
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<b>Contract No.</b>	<b>2021-01</b>		
	<b>General / Mechanical Construction</b>		
<b>Contractor</b>	<b>Mele &amp; Mele &amp; Sons</b>		
<b>Notice to Proceed</b>	August 8, 2022	<b>Contract Period</b>	1050 days
<b>Contract Completion Date</b>	June 23, 2025	<b>Contract Period Expired</b>	323 days
<b>Contract Bid</b>	\$46,146,000	<b>Contract Time Expired</b>	31%
<b>Contract Change Orders</b>	\$1,611,940		
<b>Revised Contract Price</b>	\$47,757,940		
<b>Previous Pay Estimates</b>	\$10,797,872		
<b>Pay Request This Month</b>	\$2,495,517		
<b>Total to Date</b>	\$13,293,389	<b>Lump Sum Fee Earned</b>	28%
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<b>Contract No.</b>	<b>2021-02</b>		
	<b>Electrical Construction</b>		
<b>Contractor</b>	<b>Clista Electric</b>		
<b>Notice to Proceed</b>	August 8, 2022	<b>Contract Period</b>	960 days
<b>Contract Completion Date</b>	March 25, 2025	<b>Contract Period Expired</b>	323 days
<b>Contract Bid</b>	\$7,195,000	<b>Contract Time Expired</b>	34%
<b>Contract Change Orders</b>	\$0		
<b>Revised Contract Price</b>	\$7,195,000		
<b>Previous Pay Estimates</b>	\$620,907		
<b>Pay Request This Month</b>	\$46,845		
<b>Total to Date</b>	\$667,752	<b>Lump Sum Fee Earned</b>	9%
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<b>TOTAL PROJECT</b>			
<b>Total Contract Bids</b>	\$53,341,000		
<b>Total Contract Change Orders</b>	\$1,611,940		
<b>Total Revised Contract Price</b>	\$54,952,940		
<b>Total Previous Pay Estimates</b>	\$11,418,779		
<b>Total Pay Request This Month</b>	\$2,542,362		
<b>Total to Date</b>	\$13,961,140		
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**Open RFIs**

◊ None

**Pending Change Orders**

◊ Modifications to integrate various utility meter readings (SCADA)

### Looking Ahead

Looking ahead, the following will be addressed and/or completed between June 27<sup>th</sup> and July 25<sup>th</sup>, 2023:

- Ionization system submittal revisions to be finalized and a Change Order approved by the Township.
- Retaining wall and manhole casting submittals will be reviewed and finalized.
- Cement work in SBR Tanks #1 and 2 as well as the Headworks will continue.
- ***A new up-dated schedule will be proposed by Mele and presented to all applicable parties.***
- An on-site tour/visit of the construction site will be made by Township Council and the Controller on July 26, 2023
- The next Construction Meeting will be held on-site on July 25<sup>th</sup>.

**-END-**

# APPENDIX #1

## MAY 4, 2023 CONSTRUCTION MEETING (CONSTRUCTION MEETING #9)

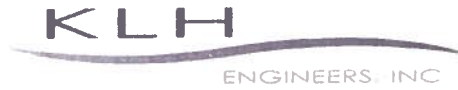
### Minutes:

- Minutes from Construction Meeting #8 were reviewed, minutes were approved without further comment.
- Mele indicated they will increase efforts to reduce site dust and mud. Hampton indicated that Mele can use effluent water to wet down roads as needed to reduce dust.
- Jim Degnan received a resident complaint about horn honking early in the morning. Mele indicated the source was the concrete pumper truck. The horn is a safety feature of the pumper truck and cannot be disabled. Mele will try to reduce or muffle the horn sounds early in the morning.
- Mele will provide a submittal for engineer approved fill.
- Slag use was approved for use under the new retaining wall only. Mele to submit limestone or other for approval for the rest of the site.
- KLH coordinated with Clista, the electrical service conduits into the Headworks will go up the outside wall and enter the building through a stainless steel box. KLH will provide sketches to Clista for the UV lamp cables trough design. Electrical panels in the UV building will be shifted to accommodate.
- Mele indicated that they will uncover all electrical manhole covers in the surcharge area.
- KLH asked about pre-surge monitoring survey measurements. Mele indicated they will set pins per Ackenheil and begin monitoring.
- The retaining wall subcontractor is still working with Ackenheil on the resubmittal.
- Hampton indicated that special stamped lids for manhole castings are available through East Jordan. They are typically in stock, Mele to provide submittal.
- Completed/Planned work:
  - SBR slabs are pored in tanks 3 and 4, rebar and excavation are complete in tank 2, and SBR form work was started.
  - Headworks mud pads are poured and slab pour at elevation 814.49.
  - UV control room slab pour is complete.
  - SBR slab and wall pours upcoming week of 5/15. Headworks upper slab pour will be completed then move onto walls. The remainder of the UV slab will be poured.
  - Clista is completing UV sleeves and in slab conduits, moving onto underground Headworks.
- The ABF tower bypass piping is exposed, KLH and Mele to review after the meeting.
- Mele and Hampton will both be off on Memorial day.
- Mele provided sweeper with water jets to the site this week.
- Clista requested clarification on sleeves and water stops. KLH will review and provide recommendation.
- Next scheduled meeting is June 1, 2023 at 2:00 PM.

*Please take a moment to read through these minutes to ensure that the information is accurate and correct; and that your interests are accurately and properly represented. Submit a markup of any*

*changes to Nick Rosko within seven (7) calendar days of distribution (comment deadline for Construction Meeting #9 Minutes is June 8, 2023). The final revised version incorporating all the mark-ups received will be issued shortly thereafter, via Newforma. If no comments are received, the minutes will be relied on as being accurate when making future decisions.*

**END MINUTES**



**HAMPTON TOWNSHIP**  
**Allison Park Water Pollution Control Facility Upgrade & Improvements**  
**Contract No. 2021-01, 02: General, Electrical**

**CONSTRUCTION MEETING #10 Meeting Minutes**

**June 01, 2023**

**Minutes:**

- Minutes from Construction Meeting #9 were reviewed, minutes will be approved if no further comments are received.
- Mele requested that the meeting minutes be distributed to the project team within a week of the meeting. KLH will provide. Chris Lochner commented on the effort for more detailed minutes and the meeting time being switched from the first Monday of each month to the fourth Tuesday moving forward.
- KLH asked about engineer approved fill. Mele indicated two limestone fill submittals have already been approved, KLH will review.
- Scheduled site visits are being planned for Hampton Township council members. The site visits are proposed for every other month at 6:30 PM prior to the council meetings.
- KLH asked about pre-surge monitoring survey measurements. Mele said this survey effort is ongoing with Ackenheil and results will be provided when complete.
- Submittal updates: Ionization system submittal is under review and will be returned next week. Retaining wall resubmittal was provided today. Manhole casting submittal from East Jordan will be sent soon.
- There are no current open RFIs.
- Clista provided an estimated cost to pull flow data from the new water meter into the SCADA system. KLH and Hampton requested some revisions, updated cost estimate will be sent.
- Peoples gas cannot provide flow data from the meter that will be provided on this project. KLH will provide pricing for a separate gas flow meter to get data into SCADA system.
- Completed/Planned work:
  - Pouring SBR and Headworks walls underway.
  - Setting rebar and forms for additional SBR wall, slab and mat pours.
  - Clista completed conduits in UV slab for control panels.
  - Clista plans manhole delivery and installation behind UV building.
- Hampton indicated they will be off on July 4<sup>th</sup>, Clista and Mele will be as well.
- Hampton Township requests that all bills be provided at the monthly construction meeting. Also all change orders must be approved by council.
- Moving forward pay applications will be due on the 3<sup>rd</sup> Wednesday of every month. Pay applications recommended for approval shall be provided to Hampton at the Monthly meeting.
- Mele indicated project schedule coordination with Clista will become more critical in the next months. Mele anticipates leak testing the SBR tanks will be complete by the end of July. The main power feed into the Headworks building will be critical to the schedule, all other site

power is distributed from this MCC. Clista indicated that they have seen significant delays on MCC lead times but they are less concerned with transfer switch and generator lead times. The current estimated delivery for the Headworks MCC is January 2024.

- Clista indicated that coordination with Duquesne Light for site permanent power should not be an issue once they receive the infrastructure to land the new power feed.
- The primary conduit fee to the transformer location will disrupt the main access road. Clista will schedule this work for a Friday to minimize disruption and the transformer will be set.
- Next scheduled meeting is June 27, 2023 at 2:00 PM.

***Please take a moment to read through these minutes to ensure that the information is accurate and correct; and that your interests are accurately and properly represented. Submit a markup of any changes to Nick Rosko within seven (7) calendar days of distribution (comment deadline for Construction Meeting #10 Minutes is June 13, 2023). The final revised version incorporating all the mark-ups received will be issued shortly thereafter, via Newforma. If no comments are received, the minutes will be relied on as being accurate when making future decisions.***

**END MINUTES**

NICK ROSKO  
PROJECT ENGINEER

REF. NO. 270-80

## MEMORANDUM

TO: Chris Lochner  
Hampton Township  
3101 McCully Road  
Allison Park, PA 15101

DATE: 5/8/23

SUBJECT: Allison Park WPCF RFI Summary

COURTESY COPY: Jim Degnan, Hampton Township

KLH DISTRIBUTION: Internal Copy (Joe Gianvito, Rob Horvat, Bill Trimmer)

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**Hampton Township  
Allison Park Water Pollution Control Facilities Upgrades & Improvements  
Construction Request for Information (RFI) Summary**

**GM-RFI-016:** Mele requested clarification on a potential conflict with duct bank DB01 and the 42" UV effluent line.

Response: It was decided that the duct bank would be routed below the 42" UV effluent line. Mele provided section views of the revision for coordination.

**GM-RFI-017:** Mele requested clarification on an elevation discrepancy for the UV building between the structural and mechanical drawings.

Response: KLH advised that the elevations shown on the structural drawings is correct.

**GM-RFI-018:** Mele submitted proposed plan and RFCO for additional manhole 1-3A that was requested by Hampton Township

Response: The proposed plan was acceptable. KLH requested revisions to the RFCO. This was developed into change order #2 which is pending signatures and processing.

**GM-RFI-019:** Mele requested enlarging some baffle wall openings in the SBR tanks (one per tank) to assist constructability.

Response: KLH reviewed and determined increasing one baffle wall opening per tank is acceptable provided the larger openings are returned to design size prior to SBR operation. KLH provided details on how to revise the larger openings to design size.

**GM-RFI-020:** Mele submitted an alternate detail for the SBR walkway and framing.

Response: KLH reviewed and determined the alternate detail is acceptable.

**GM-RFI-021:** Mele requested clarification on pipe and low water elevations in the SBR tank to be sure there will not be issues with pipes freezing. Mele also requested a pipe material clarification.

Response: KLH confirmed the pipe and water elevations will not lead to exposed pipes or freezing issues and provided the pipe material clarification.

**ELE-RFI-001:** Clista requested clarification for duct bank DB02 entering the Headworks building.

Response: RFI currently open and being reviewed.