WESTERN WESTMORELAND MUNICIPAL AUTHORITY

REGULAR MONTHLY MEETING – SEPTEMBER 21, 2017

The Board of Directors of the Western Westmoreland Municipal Authority held a regular monthly meeting on Thursday, September 21, 2017 at 6:00 P.M. in the Authority conference room, duly advertised, as required, and with the following persons in attendance:

1. Roll Call:
   Board Members in Attendance:
   Mr. Stanley Caroline, Jr.  Mr. Charles Gilbert  Mr. Charles Konkus
   Mr. Joseph Lapia  Mrs. Barbara McIntyre  Mr. Mark Wolinsky

   Absent:
   Mr. Brian Carlton  Mr. Joseph Knouse  Mr. Dylan Mace
   Mr. Tim Watson

   Others in Attendance:
   Mr. John M. Campfield, Solicitor
   Mr. Brad Boddy, Consulting Engineer
   Mr. Kevin Fisher, General Manager
   Mrs. Johanna Wtorkowski, Assistant Secretary-Treasurer/Recording Secretary

   Absent:
   Mr. Stanley A. Gorski, Jr., Assistant Manager

   Guests: None

2. Mr. Caroline led the Pledge of Allegiance and moment of silence for troops overseas.

3. Public Comments: None

4. Communications: None

5. Secretary’s Report – Mrs. McIntyre requested the approval of the minutes for the regular meeting of August 17, 2017. A motion to approve the minutes, as presented, was made by Mr. Lapia, and seconded by Mr. Konkus. The motion passed unanimously.
   This concluded the Secretary’s Report.

6. Treasurer’s Report – Due to Mr. Watson’s absence, Mrs. Wtorkowski requested approval of the following requisition:
   A. Revenue Fund Requisition No. 281, in the amount of $1,861,949.21. A motion to approve was made by Mr. Wolinsky, and seconded by Mr. Lapia. The motion passed unanimously.
   This concluded the Treasurer’s report.

7. General Manager’s Report – Kevin Fisher: Mr. Fisher presented the following items:
   A. Mr. Fisher requested that the Board adopt Resolution No. 2017-14, authorizing the termination of the Third Supplemental Trust Indenture, which was previously distributed to the Board. A motion to approve was made by Mr. Lapia, and seconded by Mrs. McIntyre. The motion passed unanimously.
   B. COA-Phase II Project:
      1. Mr. Fisher requested that the Board adopt Resolution No. 2017-15, authorizing the General Manager and Assistant Secretary-Treasurer to execute the two (2) PennDOT Highway Restoration and Maintenance Bonds, for the COA-Phase II Project. A motion to approve was made by Mr. Lapia, and seconded by Mr. Wolinsky. The motion passed unanimously.
      2. Mr. Fisher requested Board authorization for the General Manager to sign the Transferee/Co-Permittee Application for a General or Individual NPDES Permit for Stormwater Discharges Associated with Construction Activities, for the COA-Phase II Project. This (PaDEP) permit is with Westmoreland County (administered by the Westmoreland Conservation District). A motion to approve was made by Mr. Lapia, and seconded by Mr. Gilbert. The motion passed unanimously.
   This concluded the General Manager’s report.
8. Assistant Manager's Report – Due to Mr. Gorski’s absence, Mr. Fisher referred to the Assistant Manager’s report, which was distributed, this evening, and asked if there were any questions. There were no questions from the Board.

A. Mr. Fisher reported that Authority personnel, along with employees from Penn Township Sewage Authority (and Chivers Construction Company, Inc.), cleaned the grit box, removing 22 tons of grit. Mr. Fisher stated that a lot of people did a lot of work, in a very short period of time, and he commended all those who assisted in the completion of this task.

This concluded the Assistant Manager’s report. The complete report is attached to these minutes.

9. Consulting Engineer – Brad Boddy, Wade Trim, Inc.:
Mr. Boddy reviewed his written report dated September 21, 2017.

A. COA-Phase I Sewer Project:
1. Change Orders: None
2. Pay Estimates:
   a. Contract 1-General:
      Mr. Boddy requested Board approval and submittal to PENNVEST for Payment Requisition No. 18 in the amount of $866,102.96, as submitted by Chivers Construction Co., Inc., for the period ending August 31, 2017. A motion to approve was made by Mr. Wolinsky, and seconded by Mrs. McIntyre. The motion passed, 5-0, with an abstention by Mr. Konkus, who is an employee of Scott Electric Company, a supplier for the general contractor. A memorandum, signed by Mr. Konkus, is attached to these minutes.
   b. Contract 2-Electrical:
      Mr. Boddy requested Board approval and submittal to PENNVEST for Payment Requisition No. 8 in the amount of $194,757.78, as submitted by Lanco Electric Inc., for the period ending August 31, 2017. A motion to approve was made by Mr. Gilbert, and seconded by Mr. Wolinsky. The motion passed, 5-0, with an abstention by Mr. Konkus, who is an employee of Scott Electric Company, a supplier for the general contractor. A memorandum, signed by Mr. Konkus, is attached to these minutes.
   c. Contract 3-HVAC/General:
      Mr. Boddy requested Board approval and submittal to PENNVEST for Payment Requisition No. 11 in the amount of $125,087.45, as submitted by Wayne Crouse, Inc., for the period ending August 31, 2017. A motion to approve was made by Mr. Wolinsky, and seconded by Mr. Lapia. The motion passed, 5-0, with an abstention by Mr. Konkus, who is an employee of Scott Electric Company, a supplier for the general contractor. A memorandum, signed by Mr. Konkus, is attached to these minutes.

B. COA-Phase II – Brush Creek Interceptor Improvements Project:
1. Mr. Boddy reported that the PENNVEST loan closing has been rescheduled for Tuesday, September 26, 2017, in order to enable the Authority to pass Resolution No. 2017-14.
2. Mr. Boddy reported that the Authority has received the contract bonds and insurance from Greenland Construction. The Authority is now ready to issue a notice to proceed to Greenland Construction Company, once the PENNVEST loan closing has taken place. Greenland Construction has already given Mr. Boddy ten (10) submittals, which Wade Trim is currently reviewing. Mr. Boddy stated that Greenland Construction is not in a hurry to receive the notice to proceed, and should hit the ground running, within the next month.

C. COA-Phase III:
1. Mr. Boddy reported that the Authority will be submitting to the PaDEP a request for an 18-month extension, for the COA-Phase III Project. The Authority was waiting to see if the delay in the closing date for the PENNVEST loan would require the Authority to request an extension for Phase II, as well, before submitting a request for an extension for Phase III. It appears that an extension will not be necessary for Phase II. The request for Phase III was reviewed by the Legal & Engineering Services Committee, and will be submitted to the PaDEP, once Phase II construction is up and running.

This concluded Mr. Boddy's report. The complete report is attached to these minutes.

10. Solicitor’s Report – John Campfield:
   A. Cavittsville-Ardara System:
   1. Mr. Campfield provided an update on the Cavittsville-Ardara System. Mr. Campfield stated that he spoke with ALCOSAN’s attorney, who stated that he has not yet received from ALCOSAN a copy of the service area map. Mr. Campfield stated that he contacted ALCOSAN, to find out when the map would be provided to ALCOSAN’s attorney. Mr. Campfield stated that he also placed a call to Mr. Hewitt,
North Huntingdon Township Municipal Authority’s Solicitor, who is currently preparing revised documents. Mr. Hewitt did not respond to Mr. Campfield’s call. Mr. Campfield contacted Penn Township Sewage Authority’s Solicitor, Mr. Schimizzi, who is the point person as far as communications with Judge Marsili. Mr. Campfield stated that he asked Mr. Schimizzi to prepare and take an order to Judge Marsili regarding the scheduling of a status conference for this case. Mr. Campfield stated that Mr. Schimizzi indicated that he would prepare the order, but Mr. Campfield has not yet received anything from Mr. Schimizzi.

B. COA-Phase II Project:
1. Mr. Campfield requested that the Board adopt Resolution No. 2017-16, which is an authorization to accept the supplemented PENNVEST funding offer, in the amount of $14,077,020.00, which is a reduction to the original funding offer. A motion to adopt said Resolution was made by Mr. Wolinsky, and seconded by Mr. Konkus. The motion passed unanimously.
2. Mr. Campfield reported that the adoption of Resolution No. 2017-14 was a requirement of PENNVEST, in order to proceed with the project. Mr. Campfield reported that Attorney James Webster has submitted to PENNVEST an Opinion of Counsel regarding the Debt Instrument. Mr. Campfield submitted to PENNVEST today, his three (3) Opinions of Counsel, regarding Real Property, Corporate Status, and the Debt Obligation. The PENNVEST loan closing is scheduled for Tuesday, September 26, 2017.

This completed Mr. Campfield’s Solicitor’s report.

11. Reports of Committees:
A. Grounds and Maintenance Committee – Due to Mr. Carlton’s absence, there was no report.
B. Personnel Committee: Joseph Lapia:
1. Mr. Lapia requested that the Board approve the Minimum Municipal Obligation (MMO) calculation for the Authority’s Defined Benefit Pension Plan and for the Authority’s Cash Balance Pension Plan. A motion to approve was made by Mrs. McIntyre, and seconded by Mr. Wolinsky. The motion passed unanimously.
2. Mr. Lapia requested that the Board approve the allocation of $2,296.00 in unrestricted funds from the 2016 Rate Mitigation Account (RMA) allocations to fourth quarter 2017 premium reduction for the Authority’s health care plan, in accordance with RMA guidelines. A motion to approve was made by Mr. Konkus, and seconded by Mr. Gilbert. The motion passed unanimously.
3. Mr. Lapia requested that the Board approve the revised hiring policy. Mr. Lapia stated that this policy was reviewed by the Authority’s Personnel Committee, and by Attorney Tim Hewitt. A motion to approve was made by Mr. Konkus, and seconded by Mrs. McIntyre. The motion passed unanimously.

This completed the Personnel Committee’s report.

C. Finance and Budget Committee – Due to Mr. Knouse’s absence, Mrs. Wtorkowski requested approval of the following investments:
1. Mrs. Wtorkowski requested that the Board authorize the investment of the proceeds from a 2015/2016 Capital Improvement Fund United States Treasury Bill that is scheduled to mature on September 21, 2017, with a one-month United States Treasury Bill, in the amount of $3,200,000.00, providing the interest rate is positive. A motion to approve was made by Mr. Konkus, and seconded by Mr. Wolinsky. The motion passed unanimously.
2. Mrs. Wtorkowski requested that the Board authorize the investment of the proceeds from a 2016 Construction Fund United States Treasury Bill that is scheduled to mature on September 21, 2017 with a one-month United States Treasury Bill, in the amount of $3,900,000.00, providing the interest rate is positive. A motion to approve was made by Mr. Konkus, and seconded by Mrs. McIntyre. The motion passed unanimously.
3. Mrs. Wtorkowski requested that the Board authorize the transfer of $5,388.26 from the Revenue Fund to the PENNVEST Account. A motion to approve was made by Mr. Konkus, and seconded by Mr. Wolinsky. The motion passed unanimously.

This concluded the Finance and Budget Committee report.

D. Insurance Committee – Due to Mr. Mace’s absence, Mrs. Wtorkowski presented the following for approval:
1. Mrs. Wtorkowski requested Board approval of the Workers’ Compensation insurance premium with Selective Insurance, for the period from October 2, 2017 through October 2, 2018, in the amount of $20,525.00. Mrs. Wtorkowski stated that three quotations were received, and the Authority’s current insurance provider, Selective Insurance, provided the lowest quote. A motion to approve was made by Mr. Wolinsky, and seconded by Mr. Konkus. The motion passed, 5-1, with Mr. Lapia voting against the motion.
E. Legal and Engineering Services Committee: Mark Wolinsky

1. Mr. Wolinsky stated that a Legal and Engineering Services Committee was held, recently, and that most of the items have already been discussed. Mr. Wolinsky stated that there are issues related to rights-of-way for the COA-Phase III project that will be discussed during the executive session.

This concluded the Legal and Engineering Services Committee report.

F. Safety Committee: Chuck Gilbert: There was no report.

12. Requisitions: Mr. Caroline presented the following requisitions with the motions to approve as follows:

A. 2015/2016 Capital Improvement Fund Requisition No. 22, in the amount of $43,493.67: A motion to approve was made by Mr. Lapia, and seconded by Mr. Gilbert. The motion passed unanimously.

B. COA-Phase I Project PENNVEST Account Requisition No. 9, Contractor Payments, in the amount of $1,185,948.19: A motion to approve was made by Mr. Wolinsky, and seconded by Mr. Lapia. The motion passed, 5-0, with an abstention by Mr. Konkus, who is an employee of Scott Electric Company, a supplier for the general contractor. A memorandum, signed by Mr. Konkus, is attached to these minutes.

C. COA-Phase I Project PENNVEST Account Requisition No. 10, in the amount of $113,419.70: A motion to approve was made by Mrs. McIntyre, and seconded by Mr. Lapia. The motion passed unanimously.

13. Board Member Comments: Mr. Caroline suggested that the Board send a letter to North Huntingdon Township, notifying them that Authority Board Member Brian Carlton has missed almost every meeting, this year, and suggesting that they appoint a replacement. Mr. Caroline stated that it is difficult at times, to secure a quorum for the meetings. A motion to draft a letter and submit to North Huntingdon (Township), pertaining to the poor attendance of Brian Carlton at our meetings was made by Mr. Konkus, and seconded by Mrs. McIntyre. The motion passed unanimously.

14. Executive Session: A motion was made by Mr. Wolinsky, and seconded by Mr. Konkus, to enter into an executive session to discuss personnel matters, COA-Phase III Project rights-of-way/Declarations of Taking, property acquisition, and potential litigation. The motion passed unanimously. The executive session began at 6:20 P.M.

A motion to return to the regular order of business was made by Mr. Wolinsky, and seconded by Mr. Lapia. The motion passed unanimously. The Board returned to the regular meeting at 6:33 P.M.

A motion was made by Mr. Wolinsky, and seconded by Mr. Konkus, to authorize the Solicitor to begin identification of property owners for the Phase III right-of-way acquisition preliminary process, and to reach out to appraisers to gauge their interest, availability, and cost proposals. The motion passed unanimously.

15. A motion to adjourn the meeting was made by Mrs. McIntyre, and seconded by Mr. Wolinsky. The motion passed unanimously. The meeting was adjourned at 6:34 P.M.

Johanna Wtorkowski, Assistant-Secretary Treasurer
Western Westmoreland Municipal Authority

Agenda Item #9
Assistant Manager’s Report
September 21, 2017

Monthly Maintenance Report
August 2017

Weekly Plant Maintenance: (Performed Every Week)

- Gas Purifier Inlet & Outlet H2S Readings
- Maintenance/Grease All 4 Digester Mixer Units
- Thickener - Oil and Torque Box Checks
- Clean Grit Pump Sight Glass
- Check Oil Levels in Both Final Clarifier Drives
- Clean RAW Sewage Level Control Transducers
- Pull and Pump Scum 2-3x week
- Broom/Hose Final Clarifiers
- Pump Final Scum Pits
- Remove Rags from Thickener Influent Box
- Dissolved Oxygen Sensor Maintenance

Monthly Plant Maintenance: (Performed Every Month)

- Gas Purifier pH Testing
- Fill Digester Overflow P-Traps
- Clean Boiler Strainers
- Flush Digester Level Sensors
- Bump Test All 23 Drager Gas Safety Units
- Clean Grit Pump Screw Conveyor
- Wash Down Serpentine Conveyor & Tray
- Test Emergency Showers/Eyewash Stations
- Check/Replace all MCC’s, RTU’s, Drives and Centrifuge Panel Filters

General Plant Maintenance:

- Complete maintenance performed on air handler units #1, #2, #3
- Complete maintenance performed on RAW pumps and motors
- Troubleshoot and remove obstruction from grit pump concentrator
- Quarterly RAW Sewage bypass meter testing with guardian
- Replace belts, check oils and filter on aeration blower R1
- Troubleshoot lawn tractor and replace battery
- Troubleshoot and replace belt on sludge process building exhaust fan EF-10
- Complete maintenance performed on RAS pumps and motors
- Drained, cleaned, and hosed primary tank #2 due to rag build up
- Replace E-stop button on centrifuge
- Wash and Wax 2011 Tahoe, and 2013 Utility Truck 2500
Major engineering activities for the month are summarized below:

WET WEATHER ISSUES

- **COA / LTCP / CAP / TAPR:**
  - Upcoming Critical Dates:
    - Start Construction of Phase 2 by Oct. 20, 2017

COA IMPROVEMENT PROJECT PHASE 1

- **Project Status:**
  - Continued wirewinding of storage tank
  - Continued installation of CMU block
  - Continued forming and pouring of retaining wall
  - Continued installing piping on lower and intermediate levels
  - Completed installation of odor Control Units #2 and #3
  - Completed pouring of base slab and walls of overflow structure
  - Completed installation of hollow-core roof planks
  - Started installation of roof membrane
  - Embedded conduit is continuing to be installed
  - Review various submittals and Requests for information from all three prime contractors
  - Held weekly progress meetings with all three prime contractors
  - See Attached Project Summary Report

- **Change Orders:**
  - **Contract One:**
    - No change orders for this period.
  - **Contract Two:**
    - No change orders for this period.
  - **Contract Three:**
    - No change orders for this period.

- **Payment Requests:**
  - **Contract One:** We are recommending approval and submittal to PENNVEST of Payment Requisition No. 18 in the amount of $866,102.96 as submitted by Chivers Construction Company, Inc. for the period ending August 31, 2017.
  - **Contract Two:** We are recommending approval and submittal to PENNVEST of Payment Requisition No. 8 in the amount of $194,757.78 as submitted by Lanco Electric Inc. for the period ending August 31, 2017.
- **Contract Three:** We are recommending approval and submittal to PENNVEST of Payment Requisition No. 11 in the amount of $125,087.45 as submitted by Wayne Crouse Inc. for the period ending August 31, 2017.

**COA IMPROVEMENT PROJECT PHASE 2**

- Phase 2 Easements
  - Completed Easement documents
- Phase 2 Utility Permits
  - PENNDOT
    - Received technical approval on both applications.
      - Need to submit bonds, insurance, and pre-construction photos prior to issuance of permit
- Phase 2 Funding
  - Submittal all supporting documentation to PENNVEST
  - Closing rescheduled for September 26, 2017
- Environmental Permit Revisions
  - DEP Joint 105 Permit
    - DEP is requiring minor modification to Permit
      - Received approval of Minor Modification
  - E&S Permit with Conservation District
    - Requires major modification to permit
      - Review approval of Major Modification
- Greenland Construction
  - Received Signed Contract and bonds and insurance

**COA IMPROVEMENT PROJECT PHASE 3**

- Developed potential revised construction schedule

Respectfully Submitted,
WADE TRIM, INC.

Bradley M. Boddy, PE
Project Manager
The Western Westmoreland Municipal Authority
COA Improvement Project - Phase 1
Contracts One, Two and Three

Construction Status Report

Report Period:  **August-17**

<table>
<thead>
<tr>
<th>Contract</th>
<th>Contract Award</th>
<th>B Approved Change Orders</th>
<th>C=(A+B) Current Contract Amount</th>
<th>D Value of Work Completed to Date</th>
<th>E=(D/C) Percent Complete</th>
<th>F=100-E Percent Remaining</th>
<th>F=(B/C) Percent Change Orders</th>
</tr>
</thead>
<tbody>
<tr>
<td>One: Chivers</td>
<td>$21,952,184.00</td>
<td>$221,656.43</td>
<td>$22,173,840.43</td>
<td>$17,705,930.46</td>
<td>80%</td>
<td>20%</td>
<td>1.01%</td>
</tr>
<tr>
<td>Two: Lanco Electric, Inc.</td>
<td>$1,996,000.00</td>
<td>-</td>
<td>$1,996,000.00</td>
<td>$517,565.89</td>
<td>26%</td>
<td>74%</td>
<td>0%</td>
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<tr>
<td>Three: Wayne Crouse, Inc.</td>
<td>$2,069,000.00</td>
<td>-</td>
<td>$2,069,000.00</td>
<td>$763,684.04</td>
<td>37%</td>
<td>63%</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$26,017,184.00</strong></td>
<td>221,656.43</td>
<td><strong>$26,238,840.43</strong></td>
<td><strong>$18,987,180.39</strong></td>
<td><strong>72%</strong></td>
<td><strong>28%</strong></td>
<td><strong>0.85%</strong></td>
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</tbody>
</table>

Retainage: 10% $1,998,718.04

Net Amount Earned to Date: $17,286,443.29
Previous Payments: $16,225,582.55
Balance Due This Pay Period: $1,060,860.74
Balance to Finish Plus Retainage: $9,150,378.08

Project Status

- Percent Complete: 28%
- Percent Remaining: 72%
COA Improvement Project - Phase 1
Contract One

Construction Status Report

Report Period: August-17
Contractor: Chivers Construction, Inc.

<table>
<thead>
<tr>
<th>Total Days</th>
<th>Days Expended</th>
<th>Days Remaining</th>
</tr>
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<tbody>
<tr>
<td>814</td>
<td>518</td>
<td>296</td>
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**Contract Award**

<table>
<thead>
<tr>
<th>B</th>
<th><strong>Approved Change Orders</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>$21,952,184.00</td>
<td>$221,656.43</td>
</tr>
</tbody>
</table>

**Current Contract Amount**

| C=A+B | $22,173,840.43 |

**Value of Work Completed to Date**

<table>
<thead>
<tr>
<th>D</th>
<th>Percent Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>$17,705,930.46</td>
<td>80%</td>
</tr>
</tbody>
</table>

**Percent Remaining**

<table>
<thead>
<tr>
<th>E=(D/C)</th>
<th>Percent Remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>20%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>F=100-E</th>
<th>Percent Change Orders</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.01%</td>
<td></td>
</tr>
</tbody>
</table>

Retainage: 5%

Net Amount Earned to Date: $16,820,633.99
Previous Payments: $15,954,531.03
Balance Due This Pay Period: $866,102.96
Balance to Finish Plus Retainage: $5,353,206.44

**Comments:**

Work Completed This Period:
- Contractor attended construction progress meetings and submitted shop drawings and RFIs for review.
- Monthly items completed as follows: General Conditions and E&S Maintenance.
- The following pump station work has occurred in the past month: Backfill continued. The forming for the pipe supports in the utility tunnel was completed. All pump station concrete walls have been poured. The remaining precast stairs were set. Lower and intermediate level CMU block work was finalized, and block at grade is almost complete. Work has commenced on the brick veneer. The precast roof planks and precast T beams were set. Work on the metal screen hopper, slide gate and platform was completed. The monorail and supports were installed as well as the pump station hoists. Various slide gates were installed.
- Retaining wall concrete pours have commenced.
- Preload has continued work on the EQ tank with wire winding and shotcreting the perimeter in phases.
- Work on the following site piping systems was completed: 18” interceptor and 96” sanitary manholes.
- Utility tunnel mechanical piping installation was completed.
- The overflow structure walls were poured.
- The following material is currently stored on or off site (certain material was incorporated within the previous payment applications): pump station railing, mandoors and windows, mechanical screens and washer compactors, pump motors, pump station mechanical piping and various sized valves, EQ tank items, 20’ forcemain, 8’ waterline piping, recycle pump system valves and EQ tank materials.

**Note that CO 01 - Overflow Structure is not incorporated into the approved change order amount.**
The Western Westmoreland Municipal Authority
COA Improvement Project - Phase 1
Contract Two

Construction Status Report

Report Period: August-17  Contractor: Lanco Electric, Inc.
Prepared By: BJB
Date: Sep 15, 2017

Construction Start Date: Mar 1, 2016
Construction Completion Date: May 25, 2018

Total Days: 814
Days Expended: 518
Days Remaining: 296

\[
\begin{array}{lcccccc}
\text{Contract} & \text{Award} & \text{Approved Change Orders} & \text{Current Contract Amount} & \text{Value of Work Completed to Date} & \text{Percent Complete} & \text{Percent Remaining} \\
\text{Two: Lanco Electric, Inc.} & $1,996,000.00 & $1,996,000.00 & $517,565.89 & 28\% & 74\% & 0.00\%
\end{array}
\]

Retainage: 10\%  
Net Amount Earned to Date: $465,809.30 
Previous Payments: $271,051.52 
Balance Due This Pay Period: $194,757.78 
Balance to Finish Plus Retainage: $1,530,190.70

COMMENTS:
Work Completed This Period:
- Contractor attended monthly construction meetings and has submitted shop drawings and RFIs for review.
- Main service raceway was installed, along with trenching and pump station grounding.
- Raceway for the following equipment was installed: Equalization Storage Tank, pump building grade level lighting and receptacles and RTU-1.
- Cable for the following equipment was installed: RTU-1 and RTU-5.
- Terminations were completed for the following systems: Raw Sewage Pumps, Wet Weather Pumps and Actuator Panels AP-1 & AP-2
- MCC-1 Branch circuits (odor control) raceway, cable and termination work was completed.
- The following material is currently stored on or off site: Misc. Equipment (disconnect switches, VFDs, lighting equipment and pressure transmitters.)
The Western Westmoreland Municipal Authority
COA Improvement Project - Phase 1
Contract Three

Construction Status Report

Report Period: August-17
Contractor: Wayne Crouse, Inc.

<table>
<thead>
<tr>
<th>Contract Award</th>
<th>Approved Change Orders</th>
<th>Current Contract Amount</th>
<th>Value of Work Completed to Date</th>
<th>Percent Complete</th>
<th>Percent Remaining</th>
<th>Percent Change Orders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three: Wayne Crouse, Inc.</td>
<td>$2,069,000.00</td>
<td>$2,069,000.00</td>
<td>$763,684.04</td>
<td>37%</td>
<td>63%</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

Retainage: 10%
Net Amount Earned to Date: $687,315.64
Previous Payments: $687,315.64
Balance Due This Pay Period: $ (0.00)
Balance to Finish Plus Retainage: $1,381,684.36

Comments:
Work Completed This Period:
- Contractor attended monthly construction meetings and has submitted shop drawings and RFIs for review.
- Work completed on OCS-2 and OCS-3. OCS-3 was filled with carbon.
- Sanitary piping installation was completed at the pump station intermediate and grade levels.
- Tunnel CW and FEW piping was installed.
- Current materials stored on site are as follows: Electric Heaters (Garage EUH-1&2, Stair EUH-3&4, Base Board Restroom EBB-1), Exhaust Fans (EF-1, 2, 3, 5 SF-1) and exhaust fan ductwork.
## Western Westmoreland Municipal Authority
### COA Improvement Project - Phase I
### Change Order Summary

#### Contract One: General Construction
Current Contract Amount w/ Approved Change Orders: **$22,197,040.98**

<table>
<thead>
<tr>
<th>CO No</th>
<th>CPR No</th>
<th>Change Order Description</th>
<th>Approved</th>
<th>Pending</th>
<th>Deduct</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>01</td>
<td>Overflow Structure</td>
<td>$ 467,184.00</td>
<td></td>
<td></td>
<td>Included on CO 01, approved at Authority board meeting on 03.17.16.</td>
</tr>
<tr>
<td>02</td>
<td>06</td>
<td>Shear Stud Size</td>
<td>$ 3,100.06</td>
<td></td>
<td></td>
<td>Included on CO 02, approved at Authority board meeting on 04.21.16.</td>
</tr>
<tr>
<td>02</td>
<td>07</td>
<td>Anchor Bearing Plate Thickness</td>
<td>$ 15,032.04</td>
<td></td>
<td></td>
<td>Included on CO 02, approved at Authority board meeting on 04.21.16.</td>
</tr>
<tr>
<td>03</td>
<td>08</td>
<td>Additional Length of Pipe 1 &amp; 40</td>
<td>$ 36,897.82</td>
<td></td>
<td></td>
<td>Included on CO 03, approved at Authority board meeting on 04.21.16.</td>
</tr>
<tr>
<td>08</td>
<td>09</td>
<td>Additional Air-Conditioner</td>
<td></td>
<td></td>
<td></td>
<td>Vented due to casing switch. $11,723.25</td>
</tr>
<tr>
<td>04</td>
<td>15</td>
<td>Stone Bedding for 24&quot; &amp; 30&quot; DIP</td>
<td>$ 34,871.07</td>
<td></td>
<td></td>
<td>Included on CO 04, approved at Authority board meeting on 02.16.17.</td>
</tr>
<tr>
<td>05</td>
<td>18</td>
<td>Brick Modification - Palmetto &quot;Whitestone&quot;</td>
<td>$ 2,036.14</td>
<td></td>
<td></td>
<td>Included on CO 05, approved at Authority board meeting on 04.20.</td>
</tr>
<tr>
<td>05</td>
<td>19</td>
<td>Splitter Vane Addition</td>
<td>$ 2,035.29</td>
<td></td>
<td></td>
<td>Included on CO 06, approved at Authority board meeting on 04.20.</td>
</tr>
<tr>
<td>09</td>
<td>25</td>
<td>Sand Backfill within Existing Plant</td>
<td>$ 64,800.55</td>
<td></td>
<td></td>
<td>Included on CO 09, approved at Authority board meeting on 06.15.</td>
</tr>
<tr>
<td>07</td>
<td>30</td>
<td>Air Release Additions</td>
<td>$ 14,433.12</td>
<td></td>
<td></td>
<td>Included on CO 07, approved at Authority board meeting on 06.15.</td>
</tr>
<tr>
<td>05</td>
<td>31</td>
<td>Hamilton Hoist Modifications</td>
<td>$ 15,185.92</td>
<td></td>
<td></td>
<td>Included on CO 05, approved at Authority board meeting on 04.20.</td>
</tr>
<tr>
<td>06</td>
<td>40</td>
<td>Retaining Wall Additional Thickness</td>
<td>$ 28,491.59</td>
<td></td>
<td></td>
<td>Included on CO 06, approved at Authority board meeting on 06.15.</td>
</tr>
<tr>
<td>06</td>
<td>45</td>
<td>OCS-2 Pad</td>
<td>$ 6,738.28</td>
<td></td>
<td></td>
<td>Included on CO 08, approved at Authority board meeting on 06.15.</td>
</tr>
<tr>
<td>08</td>
<td>46</td>
<td>OCS-3 Pad</td>
<td>$ 18,000.00</td>
<td></td>
<td></td>
<td>Included on CO 08, approved at Authority board meeting on 06.15.</td>
</tr>
<tr>
<td>08</td>
<td>47</td>
<td>OCS-4 Pad</td>
<td>$ 12,055.00</td>
<td></td>
<td></td>
<td>Included on CO 08, approved at Authority board meeting on 06.15.</td>
</tr>
<tr>
<td>50</td>
<td>50</td>
<td>Door G101A 7-11 1/8&quot;</td>
<td>$ 900.56</td>
<td></td>
<td></td>
<td>Under Review, CPR 50 or 51 will be selected</td>
</tr>
<tr>
<td>51</td>
<td>51</td>
<td>Door G101A E-1 3/8&quot;</td>
<td>$ 1,818.17</td>
<td></td>
<td></td>
<td>Under Review, CPR 50 or 51 will be selected</td>
</tr>
<tr>
<td>52</td>
<td>52</td>
<td>Add Glass to 6 Doors</td>
<td>$ 2,570.59</td>
<td></td>
<td></td>
<td>Under Review</td>
</tr>
</tbody>
</table>

**TOTAL** **$ 244,856.98** **$** **-** **$ 5,260.32** **$**

**TOTAL Approved as % of Contract Value:** **1.12%**

**TOTAL Approved & Pending as % of Contract Value:** **1.14%**

#### Contract Two: Electrical Work
Current Contract Amount w/ Approved Change Orders: **$2,097,600.00**

<table>
<thead>
<tr>
<th>CO No</th>
<th>CPR No</th>
<th>Change Order Description</th>
<th>Approved</th>
<th>Pending</th>
<th>Deduct</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>01</td>
<td>Overflow Structure Electrical Additions</td>
<td>$ 2,123.70</td>
<td></td>
<td></td>
<td>Submitted for $3,650.00. Accepted change for $2,123.70</td>
</tr>
<tr>
<td>02</td>
<td>02</td>
<td>Security, Camera and Intercom System</td>
<td>$ 32,081.00</td>
<td></td>
<td></td>
<td>Currently under review</td>
</tr>
<tr>
<td>01</td>
<td>03</td>
<td>VFD Upsize</td>
<td>$ 11,600.00</td>
<td></td>
<td></td>
<td>Included on CO 01, approved at Authority board meeting on 06.15.</td>
</tr>
</tbody>
</table>

**TOTAL** **$ 11,600.00** **$** **-** **$ 34,704.70** **$**

**TOTAL Approved as % of Contract Value:** **0.93%**

**TOTAL Approved & Pending as % of Contract Value:** **2.32%**

#### Contract Three: HVAC / Plumbing
Current Contract Amount w/ Approved Change Orders: **$2,069,000.00**

<table>
<thead>
<tr>
<th>CO No</th>
<th>CPR No</th>
<th>Change Order Description</th>
<th>Approved</th>
<th>Pending</th>
<th>Deduct</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>-</td>
<td>OCS Schedules of Values Modification</td>
<td>$ -</td>
<td></td>
<td></td>
<td>Included on CO 01, approved at Authority Board Meeting on 06.01.</td>
</tr>
<tr>
<td>02</td>
<td>-</td>
<td>RFI 788 Modifications</td>
<td>$ 2,911.72</td>
<td></td>
<td></td>
<td>Review comments forwarded 08.16</td>
</tr>
<tr>
<td>03</td>
<td>-</td>
<td>Balance Damper Connection</td>
<td>$ 12,301.76</td>
<td></td>
<td></td>
<td>Currently under review</td>
</tr>
</tbody>
</table>

**TOTAL** **$ -** **$ -** **$ 15,213.48** **$ -**

**TOTAL Approved as % of Contract Value:** **0.00%**

**TOTAL Approved & Pending as % of Contract Value:** **0.74%**

**Total for Three Contracts:** **$ 256,456.68** **$ -** **$ 55,207.60** **$ -**

**TOTAL Approved for Three Contracts as % of Total Contract Value:** **0.93%**

**TOTAL Approved & Pending for Three Contracts as % of Total Contract Value:** **1.30%**
MEMORANDUM

TO: Secretary of the Board of Directors of Western Westmoreland Municipal Authority

FROM: Charles T. Konkus

DATE: September 21, 2017

I, the undersigned, Director of Board of the Western Westmoreland Municipal Authority do hereby publicly announce and disclose that due to the following conflict, or possible conflict of interest, I am abstaining from voting of the hereinafter set forth matter coming before the Board of the Western Westmoreland Municipal Authority.

Nature of Possible Conflict:

Employee of Scott Electric, a supplier to Chivers Construction, Inc., Lanco Electric, Inc., and Wayne Crouse, Inc., for the COA-Phase I Project.

Subject to be acted upon:

Approval of PENNVEST Account Requisition No. 9, Contractor Payments, in the Amount of $1,185,488.19.

(Member's Signature)
MEMORANDUM

TO: Secretary of the Board of Directors of Western Westmoreland Municipal Authority

FROM: Charles T. Konkus

DATE: September 21, 2017

I, the undersigned, Director of Board of the Western Westmoreland Municipal Authority do hereby publicly announce and disclose that due to the following conflict, or possible conflict of interest, I am abstaining from voting of the hereinafter set forth matter coming before the Board of the Western Westmoreland Municipal Authority.

Nature of Possible Conflict:

Employee of Scott Electric, a supplier to Chivers Construction, Inc., for the COA-Phase I Project.

Subject to be acted upon:

Approve Contract 1-General: Pay Estimate No. 18, and Authorize Submission of Same to PENNVEST, as submitted by Chivers Construction, Inc. for the Period Ending August 31, 2017, in the Amount of $866,102.96.

(Member’s Signature)
MEMORANDUM

TO: Secretary of the Board of Directors of Western Westmoreland Municipal Authority

FROM: Charles T. Konkus

DATE: September 21, 2017

I, the undersigned, Director of Board of the Western Westmoreland Municipal Authority do hereby publicly announce and disclose that due to the following conflict, or possible conflict of interest, I am abstaining from voting of the hereinafter set forth matter coming before the Board of the Western Westmoreland Municipal Authority.

Nature of Possible Conflict:

Employee of Scott Electric, a supplier to Chivers Construction, Inc., for the COA-Phase I Project.

Subject to be acted upon:

Approve Contract 1-General: Pay Estimate No. 8, and Authorize Submission of Same to PENNVEST, as submitted by Lanco Electric Inc. for the Period Ending August 31, 2017, in the Amount of $194,757.78.

[Signature]

(Member’s Signature)
MEMORANDUM

TO: Secretary of the Board of Directors of Western Westmoreland Municipal Authority

FROM: Charles T. Konkus

DATE: September 21, 2017

I, the undersigned, Director of Board of the Western Westmoreland Municipal Authority do hereby publicly announce and disclose that due to the following conflict, or possible conflict of interest, I am abstaining from voting of the hereinafter set forth matter coming before the Board of the Western Westmoreland Municipal Authority.

Nature of Possible Conflict:

Employee of Scott Electric, a supplier to Chivers Construction, Inc., for the COA-Phase I Project.

Subject to be acted upon:

Approve Contract 1-General: Pay Estimate No. 11, and Authorize Submission of Same to PENNVEST, as submitted by Wayne Crouse, Inc. for the Period Ending August 31, 2017, in the Amount of $125,087.45.

(Member’s Signature)