

Firm Name: Grant Thornton LLP  
 Engagement: PVSC Integrity Oversight Monitor EQ2015-001-PS  
 For Quarter Ending: 03/31/2021

Reports required under A-60 will be submitted by Integrity Monitors on the first business day of each calendar quarter to the State Treasurer and will contain detailed information on the projects/contracts/programs funded by the Disaster Relief Appropriations Act.

No.	Recipient Data Elements	Response	Comments
<b>A. General Info</b>			
1.	Recipient of funding	Passaic Valley Sewerage Commission (PVSC)	
2.	Federal Funding Agency? (e.g. HUD, FEMA)	FEMA	
3.	State Funding (if applicable)	N/A	
4.	Award Type	FEMA 406 Restoration and 406 Mitigation Funding	
5.	Award Amount	\$446.1 million	
6.	Contract/Program Person/Title	E. David Barth, Grant Thornton Project Manager	
7.	Brief Description, Purpose and Rationale of Project/Program	<p>Passaic Valley Sewerage Commission has received federal FEMA funding in the amount \$446.1 million through 47 different Project Worksheets (PW). The scope of Grant Thornton's work is limited to 12 specific projects where the anticipated contract values would exceed \$5 million. As of March 31, 2021 eight (8) projects representing nine contracts exceeded the integrity monitoring threshold: <b>Project #1 Temporary By-Pass Cabling</b> - Travis A919 Contract; <b>Project #2 Administration Controls Building</b> - Fine Wall Contract; <b>Project #3 Program Management Services</b> - AECOM/HDR Contract; <b>Project #4 Floodwall Engineering</b> - STV-MottMacDonald Contract; <b>Project #5 - Floodwall Construction</b> - Railroad - Poscillico JV; <b>Project #6 Standby Power Plant Engineering</b> - Black &amp; Veatch Contract; <b>Project #7 Standby Power Plant Construction</b> - Siemens Contract and Kyle Conti Contract and <b>#9 Switchgears and Motor Controls Center</b> - Tomar Construction.</p> <p>The work under <b>Projects #8 Phase 2 Motor Repairs, #10 Motor / Pump Repairs, #11 PAC Motor Repairs, and #12 Additional By-Pass Cabling</b> did not exceed the integrity monitoring threshold.</p>	
8.	Contract/Program Location	PVSC, 600 Wilson Avenue, Newark, NJ	
9.	Amount Expended to Date	As of December 31, 2020 the following payments (associated with the eight of the above referenced projects) have been made: <b>Project #1 Travis</b> - \$16,064,126; <b>Project #2 Fine Wall</b> - \$6,247,151; <b>Project #3 AECOM/HDR</b> - \$16,752,443; <b>Project #4 STV-MottMacDonald</b> - \$4,437,614; <b>Project #5 Railroad-Poscillico JV</b> - \$13,680,335; <b>Project #6 Black &amp; Veatch</b> - \$5,070,132; <b>Project #7 Siemens Energy</b> - \$2,461,922 and <b>Kyle Conti</b> - \$3,904,413; and <b>Project #9 Tomar Construction</b> - \$15,158,968.	
10.	Amount Provided to other State or Local Entities	\$0	

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11.	Completion Status of Contract or Program	<p>The Completion Status for each of the eight projects, currently subject to our review, is as follows:</p> <p><b>#1) Temporary By-Pass Cabling - Travis</b> contract. The work authorized under this contract has been completed. <b>#2) Administration Controls Building - Finewall Construction.</b> The work authorized under this contract has been completed. <b>#3) Program Management Services - AECOM/HDR</b> contract. The AECOM/HDR contract was awarded on February 13, 2015. The initial contract period was for two years. On March 16, 2017 PVSC extended the AECOM-HDR contract an additional two years. On March 12, 2019 PVSC authorized Contract Amendment #8 extending the contract an additional two years to April 5, 2021. <b>#4) Floodwall Engineering - STV/Mott MacDonald (MM)</b> contract. The contract award was authorized on September 20, 2016. The contract was executed on November 14, 2016. As of March 31, 2021 STV - MM is continuing to provide construction management services. <b>#5) Floodwall Construction - Railroad - Poscillico Joint Venture</b> contract. The construction contract was awarded in the amount of \$225,900,000. The Notice to Proceed issued on March 4, 2020. The construction schedule was impacted due to COVID-19 site restrictions. The revised construction completion date is now November 2024. Construction work is underway with the installation of the pile caps for the base on the floodwall. <b>#6) Standby Power Plant Engineering - Black &amp; Veatch</b> contract. The contract award was authorized on July 14, 2016 with the contract being executed on October 20, 2016. Engineering design for the generators and site prep work has been completed with acquisition and site prep contracts awarded. Final design of the Standby Power Plant construction has been approved and advertised.</p> <p><b>#7a) Standby Power Plant Construction (Site Prep) - Kyle Conti Construction</b> contract. The contract was awarded in the amount of \$5,496,000. As of December 31, 2020 Kyle Conti Construction completed the Site Prep work. <b>#7b) Standby Power Plant Construction (Turbine Acquisition) - Siemens Energy</b> contract. On May 16, 2019 PVSC recommended the award of the turbine generator acquisition to Siemens Energy. The generator purchase award totaled \$51,466,049. Fabrication of the generators is continuing. <b>#9) Switchgears and Motor Controls Center - Tomar Construction</b> contract - The construction contract was awarded on October 12, 2017. The scheduled completion date of October 2021 has been extended to December 2021 due to impacts of site access during the COVID-19 shut down. Substantial completion is anticipated by August 2021. Tomar is completing the installation of the ninth of the nine Switchgear Enclosures and has completed the installation of the duct bank and is backfilling all trenches</p>	

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12.	Expected Contract End Date/Time Period	The contract end dates for the eight projects currently subject to our review are as follows: #1) Travis - March 22, 2016; #2) Fine Wall - October 28, 2016; #3) AECOM/HDR - April 5, 2021; #4) STV-MottMacDonald JV - May 1, 2021; #5) Railroad-Poscillico Joint Venture - April 2024; #6) Black & Veatch - June 30, 2020; #7) Siemens Energy - June 10, 2021 and Kyle Conti - February 3, 2020; and #9) Tomar Construction - December 31, 2021. The contract end date for the Tomar Construction contract was extended for change orders and due to the COVID-19 closure.	
<b>B. Monitoring Activities</b>			
13.	If FEMA funded, brief description of the status of the project worksheet and its support.	Grant Thornton is currently monitoring six active projects. Funding is provided primarily through two Project Worksheets (PW): <b>PW 4701 (Substations and Cables)</b> supported the Temporary By-Pass Cabling Project (Travis contract); and supports ongoing Program Management Services (AECOM-HDR contract); Floodwall Engineering (STV-MottMacDonald contract); Floodwall Construction (Railroad Construction - Poscillico JV contract); Standby Power Plant Engineering (Black & Veatch contract); Standby Power Plant Construction - Generator Acquisition (Siemens Energy contract) and Standby Power Plant Construction - Site Prep (Kyle Conti Construction contract) and Motor Controls Center Construction (Tomar Construction contract). The authorized/eligible amount for PW 4701 is \$406.9 million. <b>PW 4803 (Administration Controls Building)</b> supported the Administration Building Reconstruction (Finewall Construction contract). PW 4803's authorized amount is \$12.2 million. All authorized work has been completed. PVSC has submitted its closeout request to NJOEM.	
14.	Quarterly Activities/Project Description (include number of visits to meet with recipient and sub recipient, including who you met with, and any site visits warranted to where work was completed)	Grant Thornton's activities during this quarter were limited to virtual attendance at the Bi-Weekly FEMA Coordination Meetings, Monthly Design Progress Meetings for the Standby Power Plant Engineering and the Construction Progress Meeting for the Floodwall Construction and Motor Controls Center. During the quarter Grant Thornton communicated on a monthly basis the status of its' monitoring activities to the Treasury Integrity Monitor Liaison. During the quarter Grant Thornton met with PVSC and others on the following dates: January 3, 2021 - PVSC Engineering, AECOM-HDR, STV-MM, PS&S, Jacobs Engineering, and NJDEP; January 6, 2021 - PVSC Engineering, AECOM-HDR, NJOEM and NJDEP; February 17, 2021 - PVSC Engineering, AECOM-HDR, FEMA, NJOEM and NJDEP; March 3, 2021 - PVSC Engineering, AECOM-HDR, FEMA, NJOEM and NJDEP; March 17, 2021 - PVSC Engineering, AECOM-HDR, FEMA, NJOEM and NJDEP; and March 31, 2021 - PVSC Engineering, AECOM-HDR, FEMA, NJOEM and NJDEP	
15.	Brief Description to confirm appropriate data/information has been provided by recipient and what activities have been taken to review in relation to the project/contract/program.	PVSC has provided Grant Thornton copies of Travis, Fine Wall, AECOM/HDR, STV-MottMacDonald, Railroad-Poscillico JV, Black & Veatch, Siemens Energy, Kyle Conti Construction and Tomar Construction invoices and supporting documentation. With this information Grant Thornton was able to confirm PVSC's compliance with FEMA and/or State administrative grant requirements and processes; and identify any issues that represented potential loss of Federal reimbursements.	

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16.	Description of quarterly auditing activities that have been conducted to ensure procurement compliance with terms and conditions of the contracts and agreements.	During the Quarter Grant Thornton continued to monitor the AECOM-HDR (Program Management Services), STV-MottMacDonald (Floodwall Engineering) and Black and Veatch (Standby Power Plant Engineering) engineering contracts to verify compliance with contract pricing and/or deliverables. Grant Thornton continued its review of the construction contract invoices for Railroad - Poscillico JV and Tomar Construction for the Motor Controls Center contract. Grant Thornton completed its review of the invoice submissions from Kyle Conti Construction for the Standby Power Plant Site Prep contract. During the quarter Grant Thornton continued its monitoring of the contractor's performance and construction progress.	
17.	Have payment requisitions in connection with the contract/program been reviewed? Please describe	In aggregate, as of March 31, 2021, Grant Thornton has reviewed <b>169 of 169</b> Travis (A919) invoices; <b>19 of 19</b> Fine Wall invoices; <b>63 of 65</b> AECOM/HDR invoices; <b>24 of 25</b> STV-MottMacDonald invoices; <b>10 of 11</b> Railroad-Poscillico JV invoices; 22 of 24 Black & Veatch invoices; <b>13 of 13</b> Kyle Conti invoices; <b>1 of 1</b> Siemens Energy invoice; and 30 of 32 Tomar invoices. The total value of the 169 reviewed Travis invoices represents \$16.1 million. The total value of the 19 Fine Wall reviewed invoices is \$6.2 million. The total value of the 63 AECOM/HDR invoices represents \$17.6 million. The total value of the 24 STV-MottMacDonald invoices represent \$4.6 million. The total value of the 10 Railroad-Poscillico JV invoice represents \$18.3 million. The total value of the 23 Black & Veatch invoices represent \$5.4 million. The total value of the 13 Kyle Conti invoices represent \$3.9 million. The total value of the 1 Siemens Energy invoice totals \$2.4 million. The total value of the 30 Tomar invoices represent \$15.6 million.	
18.	Description of quarterly activity to prevent and detect waste, fraud and abuse.	During the Quarter Grant Thornton worked with PVSC Engineering and Finance staff to review and reconcile the supporting documentation associated with our invoice reviews.. PVSC has provided Grant Thornton the requested documentation. All questions have been answered.	
19.	Provide details of any integrity issues/findings	None noted	
20.	Provide details of any work quality or safety/environmental/historical preservation issue(s).	During this quarterly period Grant Thornton's construction oversight was limited due to COVID restriction of onsite presence. All progress meeting were held virtually.	

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21.	Provide details on any other items of note that have occurred in the past quarter	<p>PVSC continues to provide Grant Thornton access to its procurement, financial and administrative files necessary to perform our reviews.</p> <p><b>Plant Wide Improvements:</b> Construction work on a broad base of FEMA authorized projects for Plant Wide Improvements has been initiated through two contract awards: Cherokee 8A has completed 34 task orders representing approximately \$13.1 million in project cost; with a second contract awarded to Riggs Distiller with an estimated cost of \$10 million. To date 10 task orders have been authorized.</p> <p><b>Advanced Electrical Engineering:</b> Design work (\$7.1 million) has completed by Black and Veatch for Phase 1 of Advanced Electrical Repairs.</p> <p><b>Advanced Electrical Construction (Phase I):</b> PVSC has scheduled the advertising for construction bids on the Phase 1 of the Advanced Electrical Repairs (\$76.0 million).</p> <p><b>Replacement of the Underground Electric Cables and Utility Tunnel Bulkheads:</b> PVSC has awarded the construction contract to Five Star Electric. The construction award represents \$59.2 million. None of these four projects (five contracts) are within the current scope of Grant Thornton's integrity monitoring contract</p>	
22.	Provide details of any actions taken to remediate waste, fraud and abuse noted in past quarters	No action has been taken or been necessary during the quarter.	
<b>C. Miscellaneous</b>			
23.	Attach a list of hours and expenses incurred to perform your quarterly integrity monitoring review	See Attached Time and Expense Report. During the quarter Grant Thornton provided a total of 295.7 hours for a cost of \$39,452.62 Travel related expenses were \$0.00 during the Quarter due to restrictions associated with the COVID-19 Pandemic.	
24.	Add any item, issue or comment not covered in previous sections but deemed pertinent to monitoring program.	<p>Based on our review of PVSC's financial and administrative processes, we concluded that PVSC's processes are appropriate for complying with FEMA grant management requirements and NJOEM standards. Proper controls appear to be in place to minimize the risk of deobligation of federal funds; duplication of benefits; process and payment errors; and waste, fraud and abuse.</p> <p>In aggregate PVSC has submitted a total of 145 <b>Time Extension Requests on 42 PWs</b>. All have been submitted on a timely basis and as necessary. As of March 31, 2021, only 1 Time Extension Requests is pending approval by FEMA. All other Time Extension Requests have been approved.</p> <p>PVSC has submitted 26 <b>PW Closeout Requests</b> to NJOEM. As of March 31, 2021, 11 PWs have been closed by NJOEM and FEMA, another 9 are pending FEMA's review, with the remaining 6 pending NJOEM approval.</p>	

Name of Integrity Monitor:	Grant Thornton LLP
Name of Report Preparer:	Wendy Morton-Huddleston

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	Signature:  Date:	  30-Jun-21	