

Firm Name: Grant Thornton LLP
 Engagement: PVSC Integrity Oversight Monitor EQ2015-001-PS
 For Quarter Ending: 03/31/2019

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
A. General Info			
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	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 contracts whose anticipated individual value will exceed \$5 million. As of March 31, 2019 six contracts exceed the integrity monitoring threshold: #1 Temporary By-Pass Cabling - Travis A919 Contract; #2 Administration Controls Building - Fine Wall Contract; #3 Program Management Services - AECOM/HDR Contract; #4 Floodwall Engineering - STV-MottMacDonald Contract; #6 Standby Power Plant Engineering - Black & Veatch Contract; #9 Motor Controls Center - Tomar Construction. The work under Contracts #8 Phase 2 Motor Repairs, #10 Motor / Pump Repairs, #11 PAC Motor Repairs, and #12 Additional By-Pass Cabling - Travis Contract B036 did not exceed the integrity monitoring threshold.	
8.	Contract/Program Location	PVSC, 600 Wilson Avenue, Newark, NJ	
9.	Amount Expended to Date	As of March 31, 2019 the following payments (associated with six of the above referenced contracts) have been made: #1 Travis - \$16,064,126; #2 Fine Wall - \$6,247,151; #3 AECOM/HDR - \$9,900,764; #4 STV-MottMacDonald - \$2,794,711; #6 Black & Veatch - \$1,166,820; #9 Tomar Construction - \$1,970,584.	
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 six contracts, currently subject to our review, is as follows: #1) Travis - Temporary By-Pass Cabling. The work authorized under this contract has been completed. # 2) Fine Wall - Administration Controls Building - The work authorized under this contract has been completed. #3) AECOM/HDR - Program Management Services. 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 and increased the funding by \$7,076,343. The additional Contract Amendments increase the total authorized ceiling on the contract to \$19,590,495. #4) STV-MottMacDonald JV - Floodwall Engineering. The contract award was authorized on September 20, 2016. The contract was executed on November 14, 2016. As of March 31, 2018 the 90% design documents were under review by PVSC and NJDEP. #6) Black & Veatch - Standby Power Plant Engineering. The contract award was authorized on July 14, 2017 with the contract being executed on October 20, 2016. Engineering design for the generators and site prep work has been completed. On March 12, 2019 PVSC recommend construction contract awards to Kyle Conti Construction in the amount of \$5,496,000 for the site prep work associated with the Standby Power Plant construction. As of March 31, 2019 bids received from General Electric, Siemens, and Solar Turbines were still being evaluated by AECOM-HDR, Black & Veatch and PVSC Engineering. PVSC was scheduled to make award recommendations at their May Commission meeting. #9 Tomar Construction - Motor Controls Center. The construction contract award was authorized by PVSC on October 12, 2017. As of March 31, 2019 Tomar had completed initial roof work including the installation of HVAC units and is currently preparing subsurface footings and laying underground conduit.</p>	
12.	Expected Contract End Date/Time Period	<p>The contract end dates for the six contracts 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; #6) Black & Veatch - June 30, 2020; #9) Tomar Construction - October 2, 2021.</p>	
B. Monitoring Activities			
13.	If FEMA funded, brief description of the status of the project worksheet and its support.	<p>Grant Thornton is currently monitoring four active projects. Funding is provided primarily through two Project Worksheets (PW):</p> <p>PW 4701 (Substations and Cables) supports the Travis Inc. (Temporary By-Pass Cabling and Additional By-Pass Cabling) contracts; AECOM/HDR (Program Management Services) contract; Black & Veatch (Standby Power Plant Engineering); STV-MottMacDonald (Floodwall Engineering) and Tomar Construction (Motor Controls Center) contracts. The authorized/eligible amount for PW 4701 is \$406.9 million.</p> <p>PW 4803 (Administration Controls Building) supports the Fine Wall (Administration Controls Building) contract. PW 4803's authorized amount is \$12.2 million. PVSC's appeal to increase the PW's authorized funding was approved on March 26, 2019..</p>	

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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 included attendance at the Bi-Weekly FEMA Coordination Meetings, Monthly Design Progress Meetings for the Floodwall Engineering and Standby Power Plant Engineering and the Construction Progress Meeting for the 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, 2019 - PVSC Engineering, AECOM-HDR, URS (AECOM), NJDEP and Tomar Construction; January 8, 2019 - PVSC Engineering, AECOM-HDR, and STV-MM; January 24, 2019 - PVSC Engineering, AECOM-HDR, and Black & Veatch; February 6, 2019 - PVSC Engineering, AECOM-HDR, NJOEM and NJDEP; February 14, 2019 - PVSC Engineering, AECOM-HDR, URS (AECOM), NJDEP and Tomar Construction; February 28, 2019 - PVSC Engineering, AECOM-HDR, Black & Veatch, and NJDEP; March 6, 2019 - PVSC Engineering, AECOM-HDR, NJOEM and NJDEP; March 6, 2019 - PVSC Engineering, AECOM-HDR, URS, NJDEP and Tomar Construction; March 20, 2019 - PVSC Engineering, AECOM-HDR, NJOEM and NJDEP; March 28, 2019 - PVSC Engineering, AECOM-HDR, and Black & Veatch;	
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, Black & Veatch 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.	
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 invoice submissions from Tomar Construction for the Motor Controls Center contract and continued its monitoring of the contractor's performance and construction progress.	

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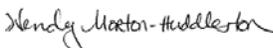
No.	Recipient Data Elements	Response	Comments
17.	Have payment requisitions in connection with the contract/program been reviewed? Please describe	<p>During the Quarter Grant Thornton reviewed 1) 14 invoices submitted by AECOM/HDR for Program Management Services; 2) 1 invoice submitted by STV-MottMacDonald for the Floodwall Engineering; 3) 8 invoices submitted by Black & Veatch for the Standby Power Plant Engineering; and 4 invoices submitted by Tomar Construction for the Motor Controls Center.</p> <p>In aggregate, as of March 31, 2019, Grant Thornton has reviewed 169 of 169 Travis (A919) invoices; 19 of 19 Fine Wall invoices; 37 of 37 AECOM/HDR invoices; 7 of 7 STV-MottMacDonald invoices; 13 of 13 Black & Veatch invoices; and 4 of 4 Tomar invoices.</p> <p>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 37 AECOM/HDR invoices represents \$9.5 million. The total value of the 7 STV-MottMacDonald invoices represent \$2.6 million. The total value of the 13 Black & Veatch invoices represent \$1.1 million. The total value of the 4 Tomar invoices represent \$1.3 million.</p>	
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 to work associated with the Motor Controls Center contract. Based on our site visits we did not observe any work quality, health and safety, environmental or historical preservation issues. Construction activity associated with the Motor Controls Center had not begun during the quarter.	
21.	Provide details on any other items of note that have occurred in the past quarter	PVSC continues to provide Grant Thornton access to its procurement, financial and administrative files necessary to perform our reviews. During the Quarter engineering design work continued on the following projects: Plant-wide Replacement of Underground Electric and Utility Tunnel Bulkheads - \$45.0 million; Stormwater Pump Stations - \$21.0 million; Stormwater Collection System - \$15.5 million; Plant Wide PW Improvements - \$14.2 million; and Advanced Electrical Repairs - \$12.0 million. None of these projects are within the current scope of Grant Thornton's integrity monitoring contract.	
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.	

C. Miscellaneous

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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 321.55 hours for a cost of \$39,590.79. Travel related expenses totaled \$1,214.80 during the Quarter.	
24.	Add any item, issue or comment not covered in previous sections but deemed pertinent to monitoring program.	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. PVSC has submitted to FEMA Time Extension Requests on a timely basis and as necessary. PVSC submitted to FEMA 10 Time Extension Requests on September 12 and 16, 2018. As of March 31, 2019 nine Time Extension Request had been approved by FEMA. PVSC has submitted 14 PW Closeout Requests to NJOEM. As of March 31, 2019, 9 PWs have been closed.	

Name of Integrity Monitor:	Grant Thornton LLP
Name of Report Preparer:	Wendy Morton-Huddleston
Signature:	
Date:	1-Jul-19