

State of New Jersey  
Department of the Treasury  
Integrity Oversight Monitoring Reporting Model

Firm Name: Grant Thornton LLP  
Engagement: PVSC Integrity Oversight Monitor EQ2015-001-PS  
For Quarter Ending: 09/30/2018

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 | 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 September 30, 2018 seven contracts exceed or are anticipated to exceed the integrity monitoring threshold: <b>#1 Temporary By-Pass Cabling</b> - Travis A919 Contract; <b>#2 Administration Controls Building</b> - Fine Wall Contract; <b>#3 Program Management Services</b> - AECOM/HDR Contract; <b>#4 Floodwall Engineering</b> - STV-MottMacDonald Contract; <b>#6 Standby Power Plant Engineering</b> - Black & Veatch Contract; <b>#9 Motor Controls Center</b> - Tomar Construction; and <b>#12 Additional By-Pass Cabling</b> - Travis Contract B036. |          |
| 8.                     | Contract/Program Location                                   | PVSC, 600 Wilson Avenue, Newark, NJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |
| 9.                     | Amount Expended to Date                                     | As of September 30, 2018 the following payments (associated with four of the above referenced contracts) have been made: <b>#1 Travis</b> - \$16,064,126; <b>#2 Fine Wall</b> - \$6,247,151; <b>#3 AECOM/HDR</b> - \$8,609,882; <b>#4 STV-MottMacDonald</b> - \$2,626,868; <b>#6 Black &amp; Veatch</b> - \$996,848; <b>#9 Tomar Construction</b> - \$0; and <b>#12 Travis</b> - \$1,610,806.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |
| 10.                    | Amount Provided to other State or Local Entities            | \$0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |

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| No.                             | Recipient Data Elements                  | Response                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Comments |
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| 11.                             | Completion Status of Contract or Program | <p>The Completion Status for each of the seven contracts, currently subject to our review, is as follows: <b>#1) Travis - Temporary By-Pass Cabling.</b> The work authorized under this contract has been completed. <b># 2) Fine Wall - Administration Controls Building</b> - The work authorized under this contract has been completed. <b>#3) AECOM/HDR - Program Management Services.</b> The AECOM/HDR contract was awarded on February 13, 2015. The initial contract period was for two years. PVSC issued the Notice to Proceed on April 2, 2015. On March 16, 2017 PVSC extended the AECOM-HDR contract an additional two years. As of September 30, 2018 AECOM-HDR is continuing work under an extended Task Order approved by PVSC. AECOM-HDR's contract total is \$12,514,151. <b>#4) STV-MottMacDonald JV - Floodwall Engineering.</b> The contract award was authorized on September 20, 2016. The contract was executed on November 14, 2016. As of September 30, 2018 STV-MottMacDonald had submitted its 90% design documents. <b>#6) Black &amp; Veatch - Standby Power Plant Engineering.</b> The contract award was authorized on July 14, 2017 with the contract being executed on October 20, 2016. As of September 30, 2018 Black &amp; Veatch's bidding documents for the equipment acquisition and site preparation work had been approved by the State Comptroller. The advertising of Equipment Acquisition was scheduled for October and the Site Prep contract is scheduled for bid February 2019. <b>#9 Tomar Construction - Motor Controls Center.</b> The construction contract award was authorized by PVSC on October 12, 2017. As of September 30, 2018 the contractor had not started construction. <b>#12) Travis - Additional By-Pass Cabling.</b> The contract award was authorized on March 10, 2016 as a two year term contract with individual Task Orders being issued for specific work. As of September 30, 2018, all authorized work had been completed and paid.</p> |          |
| 12.                             | Expected Contract End Date/Time Period   | <p>The contract end dates for the seven contracts currently subject to our review are as follows: <b>#1) Travis</b> - March 22, 2016; <b>#2) Fine Wall</b> - October 28, 2016; <b>#3) AECOM/HDR</b> - April 5, 2019; <b>#4) STV-MottMacDonald JV</b> - May 1, 2021; <b>#6) Black &amp; Veatch</b> - June 30, 2020; <b>#9) Tomar Construction</b> - October 2, 2021; and <b>#12) Travis</b> - March 10, 2018.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |
| <b>B. Monitoring Activities</b> |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |

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| No. | Recipient Data Elements                                                                                                                                                                             | Response                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Comments |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 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><b>PW 4701 (Substations and Cables)</b> supports the Travis Inc. (Temporary By-Pass Cabling and Additional By-Pass Cabling) contracts; AECOM/HDR (Program Management Services) contract; Black &amp; 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><b>PW 4803 (Administration Controls Building)</b> supports the Fine Wall (Administration Controls Building) contract. PW 4803's authorized amount is \$10.6 million. PVSC has an appeal pending with FEMA to increase the PW's authorized funding.</p> <p>In addition to the specific work of these contracts, the PWs also funds other work not currently part of our monitoring either because the contract values are less than the \$5 million threshold or the proposed projects have not been initiated.</p>                                                                                           |          |
| 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) | <p>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: July 10, 2018 - PVSC Engineering, AECOM-HDR, STV-MM and NJDEP; July 30, 2018 - PVSC Engineering,, AECOM-HDR NJDEP and Tomar Construction; July 31, 2018 - PVSC Engineering, AECOM-HDR, Black &amp; Veatch, and NJDEP; August 8, 2018 - PVSC Engineering, AECOM-HDR, and NJDEP; August 15, 2018 - PVSC Engineering, AECOM-HDR and Black &amp; Veatch; September 5, 2018 - PVSC Engineering, AECOM-HDR and NJDEP; September 6, 2018 - PVSC Engineering,, AECOM-HDR NJDEP and Tomar Construction; September 19, 2018 - PVSC Engineering, AECOM-HDR and NJDEP; and September 27, 2018 - PVSC Engineering, AECOM-HDR and Black &amp; Veatch.</p> |          |
| 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.                 | <p>PVSC has provided Grant Thornton copies of Travis, Fine Wall, AECOM/HDR, STV-MottMacDonald and Black &amp; Veatch 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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |

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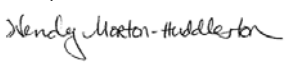
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| 16. | Description of quarterly auditing activities that have been conducted to ensure procurement compliance with terms and conditions of the contracts and agreements. | During the Quarter Grant Thornton completed its in-depth review of the Travis invoices paid under Additional By-Pass Cabling (B036) contracts for compliance with contract prices and labor rates. Grant Thornton continued to monitor the AECOM-HDR (Program Management Services), STV-Mott MacDonald (Floodwall Engineering) and Black and Veatch (Standby Power Plant Engineering) contracts to verify compliance with contract pricing and/or deliverables. Although no work has been billed for the mobilization of the Motor Controls Center contract (Tomar Construction) Grant Thornton initiated its monitoring of the contractor's performance and progress.                                                                                                                                                                                                                                                       |          |
| 17. | Have payment requisitions in connection with the contract/program been reviewed? Please describe                                                                  | During the Quarter Grant Thornton reviewed 1) 2 invoices submitted by AECOM/HDR for Program Management Services; 2) 1 invoice submitted by STV-Mott MacDonald for the Floodwall Engineering; and 3) 1 invoice submitted by Black & Veatch for the Standby Power Plant Engineering.<br><br>In aggregate, as of September 30, 2018, Grant Thornton has reviewed 169 of 169 Travis (A919) invoices; 19 of 19 Fine Wall invoices; 30 of 32 AECOM/HDR invoices; 5 of 6 STV-Mott MacDonald invoices; and 9 of 11 Black & Veatch invoices.<br><br>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 30 AECOM/HDR invoices represents \$8.1 million. The total value of the 5 STV-Mott MacDonald invoices represent \$1.8 million. The total value of the 9 Black & Veatch invoices represent \$878,527. |          |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |

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|-------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |
| <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 77.0 hours for a cost of \$13,082.03. Travel related expenses totaled \$220.98 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 9 new Time Extension Requests on September 12 and 16, 2018 that were pending FEMA's approval as of September 30, 2018. PVSC has submitted 13 PW Closeout Requests to NJOEM. As of September 30, 2018, 9 PWs have been closed. |          |

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|----------------------------|-------------------------------------------------------------------------------------|
| Name of Integrity Monitor: | Grant Thornton LLP                                                                  |
| Name of Report Preparer:   | Wendy Morton-Huddleston                                                             |
| Signature:                 |  |
| Date:                      | 2-Jan-19                                                                            |