



January 26, 2021

Mr. Chris Smith  
Pennsylvania Department of Environmental Protection  
2 East Main Street  
Norristown, PA 19401

RE: Adelphia Gateway Pipeline Project– Phase 1  
ESCGP-3, Major Amendment (ESG010019001)  
JMT No: 18-00672-06a

Dear Mr. Smith:

On behalf of our client, Adelphia Gateway, LLC, we are submitting a Major Amendment for the above referenced project. Adelphia Phase 1 permit was approved by PADEP on August 24, 2020, based on Erosion and Sediment Control Plans and Post Construction Stormwater Management Plans dated May 18, 2020.

The Major Amendment is for revisions to the LOD and minor increases in impervious areas impacting the stormwater design. The major amendment was submitted to PADEP review on November 25, 2020 for 9 sites (Quakertown Compressor Station, Skippack Pike Meter Station, Schuylkill River Blowdown, Cromby Blowdown, French Creek Blowdown, Main Line Valve 2, Chester Creek Blowdown, Transco Meter Station, and Marcus Hook Compressor Station).

Subsequently, due to unforeseen field conditions and constraints, two sites included in the major amendment require additional LOD area, the enclosed submission is to include the following increases to limit of disturbance:

**French Creek Blowdown:** The LOD was increased from 0.588 AC to 0.640 AC (+0.052 ac). The LOD was increased to provide site access from a driveway off the cul-de-sac of Powder Mill Drive. The entire LOD will be restored to existing conditions.

**Transco Meter Station:** Proposed impervious coverage increased from 0.10 AC to 0.15 AC (+0.05 AC) due to addition of several equipment buildings and concrete pads. The footprint of the PCSM BMP was revised due to conflict with proposed equipment buildings. The LOD increased from 0.859 AC to 0.949 AC (+0.09 AC) due to the realignment of the outfall pipe and additional workspace required for the tap from Ridge Rd.

As per your direction for amendments, JMT is submitting only the revised documentation relevant to the Major Amendment and noted in Attachment A of the Chapter 102 FAQ. The following documents are provided for review:

- Notice of Intent for ESCGP-3 for Adelpia Gateway Project- Phase 1 (Major Amendment), signed and notarized, with completed Checklist
- Select sheets from the Adelpia Gateway Project, Erosion and Sediment Control Plan and Post Construction Stormwater Management Plan, last revised November 25, 2020 and January 22, 2021 (total 31 sheets)
- Erosion and Sediment Control Report dated May 2020, Revised January 2021, revised for impacted sites only as part of the overall major amendment. Please note that this report will supersede the report submitted on November 25, 2020.
- Post Construction Stormwater Report dated May 2020, Revised January 2021, revised for impacted sites only as part of the overall major amendment. Please note that this report will supersede the report submitted on November 25, 2020.
- Pennsylvania Natural Diversity Inventory (PNDI) Receipt dated 12/23/20, this is for all sites included in the Major Amendment with change maps. Also, please find enclosed PNDI Receipt dated 1/26/21, this is for the specific revisions noted for Transco and French Creek site under this cover letter. Please note that the associated change maps are included for review.
- Pennsylvania Historical & Museum Commission correspondence dated 12/23/2020, this is for all sites included in the Major Amendment with project review form and change maps. Also, please find enclosed the PMHC coordination dated 1/26/2021, this is for the specific revisions noted for the Transco and French Creek site under this cover letter. Please note that the project review form and associated change maps are included for review.
- Act 14 Notification Letters with Proof of Receipts, French Creek Blowdown and Transco Meter Stations, sent on January 21, 2021

All revised documents are highlighted to note the changes since the approved plans and reports. JMT has provided a summary of changes in the Major Amendment cover letter dated 11/25/20. The following is the summary of changes for the sites noted above:

## **Erosion and Sediment Control Plan and Post Construction Stormwater Management Plan**

### T-1 (Cover Sheet)

- Two (2) additional sheets have been added: ES-13A (Erosion & Sedimentation Control Plan, Chester Creek Blowdown) and ES-18A (Erosion & Sedimentation Control Plan, Cromby Blowdown). Sheets were added due to revised/expanded limit of disturbances.
- ES-16 (Erosion and Sediment Control Plan, French Creek Blowdown) was added back into the set due to the increased LOD.

### S-2 (Proposed Site Plan, Transco Meter Station)

- Additional piping, concrete pads and buildings, and paved driveway limits proposed within the LOD. Fence limit updated. BMP footprint modified.
- Site restoration was added.
- Soil amendment and restoration area was expanded.

### PCSM-10 (Post Construction Stormwater Management Plan, Transco Meter Station)

- Additional piping, concrete pads and buildings, and paved driveway limits proposed within the LOD. Fence limit updated.
- Revised LOD shape and area callout.
- Revised soil amendment and soil restoration shape and area callout. This is reflected in the WQ calculations.
- BMP footprint modified due to conflict with adjacent building and additional impervious area within BMP drainage area. BMP footprint was reconfigured and increased in size from 4,170 SF to 4,385 SF. Note, this revision has been carried through to the model, calculations, and reports.
- Storage volume for the proposed BMP was updated to reflect Worksheet 5 and HydroCAD output.
- Jellyfish Peak Diversion Structure and Jellyfish 4'x8' Surface Inlet specified per manufacturer's details. This ensure proper sizing of structures based the peak rates through the structure. Callouts updated.
- Note 2 was updated to note that Naaman's Creek is siltation impaired.
- Orientation of the outfall pipe and level spreader was revised, with an increased soil amendment and restoration area.
- Site restoration area was added.

### PCSM-11 (Post Construction Stormwater Management Plan, Transco Meter Station)

- Additional piping, concrete pads and buildings, and paved driveway limits proposed within the LOD. Fence limit updated.
- Revised LOD shape and area callout.

- Revised soil amendment and soil restoration shape and area callout. This is reflected in the WQ calculations.
- BMP footprint modified due to conflict with adjacent building and additional impervious area within BMP drainage area. BMP footprint was reconfigured and increased in size from 4,170 SF to 4,385 SF. Note, this revision has been carried through to the model, calculations, and reports.
- Bed size and module count callout updated for the proposed BMP was updated.
- Jellyfish Peak Diversion Structure and Jellyfish 4'x8' Surface Inlet specified per manufacturer's details. This ensure proper sizing of structures based the peak rates through the structure. Callouts updated.
- Orientation of the outfall pipe and level spreader was revised, with an increased soil amendment and restoration area.
- Site restoration area was added.

#### ES-11 (Erosion and Sediment Control Plan, Transco Meter Station)

- Additional piping, concrete pads and buildings, and paved driveway limits proposed within the LOD. Fence limit updated. BMP footprint modified.
- Revised LOD shape and area callout.
- FRAC tank added to be used for water/wastewater containment purposes.
- Note 2 was updated to note that Naaman's Creek is siltation impaired.

#### ES-16 (Erosion and Sediment Control Plan, French Creek Blowdown)

- Revised LOD shape and area callout. Area added for alternate contractor access.

#### ES-17 (Erosion and Sediment Control Plan, French Creek Blowdown)

- Revised LOD shape and area callout.
- Rock construction entrance replaced with FOD trackout control matting.
- FRAC tank added to be used for water/wastewater containment purposes.
- Existing wall around the valve has been revised as "to be removed"

### **Post Construction Stormwater Management Report**

Please note that all reference data for the nine (9) sites being revised within this major amendment are included in the report. Any revisions are highlighted in the report and noted below. References for the four (4) sites not included in this major amendment have been removed from the report.

- Narrative
  - Page 2-4: Project description updated to outline the site revisions and change to site LODs.

- Page 5-6, Tables III-1, III-3 & III-5: Soil data updated due to significant LOD revisions at Quakertown Compressor Station, Schuylkill River Blowdown and French Creek Blowdown.
- Page 8 and Table VI: Receiving surface waters classifications updated. Naaman's Creek was revised to note siltation-impaired waters.
- Page 12, Table VIII-2: Runoff Volume Summary updated.
- Page 12: Updated the % treated by the water quality BMPs at Transco Meter Station.
- Page 13, Table VIII-3 & VIII-4: Water Quality Summary tables updated for Quakertown and Marcus Hook Compressor Stations.
- Page 14-15, Table IX-1, IX-2 & IX-3: Peak Rate summaries updated.
- Appendix B
  - Web soil survey reports were updated for Quakertown Compressor Station, Schuylkill River Blowdown and French Creek Blowdown.
- Appendix C
  - Pre and Post Drainage Area Maps updated. LOD increased resulting in revised drainage areas, volume of runoff and rate of runoff.
- Appendix D.1
  - Worksheet 4, 5, 12 and 13 as result of cover and LOD changes noted on the design plans.
- Appendix D.2
  - Runoff CN computations updated as result of cover and LOD changes noted on the design plans.
  - HydroCAD model updated.
  - MRC worksheets updated.

## **Erosion and Sediment Control Report**

Please note that all reference data for the nine (9) sites being revised within this major amendment are included in the report. Any revisions are highlighted in the report and noted below. References for the four (4) sites not included in this major amendment have been removed from the report.

- Narrative
  - Page 2-4: Project description updated to outline the site revisions and change to site LODs.
  - Page 5-6, Tables III-1, III-3 & III-5: Soil data updated due to significant LOD revisions at Quakertown Compressor Station, Schuylkill River Blowdown and French Creek Blowdown.
  - Page 9, Table V-2: Runoff Volume Summary updated.
  - Page 9: Updated the % treated by the water quality BMPs at Transco Meter Station.
  - Page 10, Table V-3 & V-4: Water Quality Summary tables updated for Quakertown and Marcus Hook Compressor Stations.
  - Page 11-12, Table V-4, V-5 & V-6: Peak Rate summaries updated.

- Appendix B
  - Web soil survey reports were updated for Quakertown Compressor Station, Schuylkill River Blowdown and French Creek Blowdown.
- Appendix C
  - Compost filter sock calculations updated for Quakertown Compressor Station and Transco Meter Station.

If you have any questions or concerns, please do not hesitate to contact me at [smathew@jmt.com](mailto:smathew@jmt.com) or 215-496-4780.

Sincerely,

JOHNSON, MIRMIRAN & THOMPSON, INC.  
On Behalf of Applicant

A handwritten signature in black ink that reads "Shiny M. Mathew". The signature is written in a cursive, flowing style.

Shiny M. Mathew, P.E.  
Senior Associate  
Water Resources