

December 6, 2017

Jim Ryan
Birdsboro Power LLC
72 Glenmaura National Blvd.
Moosic, PA 18507

**Subject: Birdsboro Power Project – Major Modification and Renewal
Natural Gas Combined Cycle Power Plant Facility
NPDES Permit # PAC060046
BCCD Project ID # ESP-00731
Borough of Birdsboro & Union Township, Berks County, PA**

Dear Mr. Ryan:

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq* (“the Act”) and Pennsylvania’s Clean Streams Law, as amended, 35 P.S. §§ 691.1 *et seq.*, the Berks County Conservation District hereby authorizes the **minor plan modification** to the NPDES permit for Stormwater Discharges Associated with Construction Activities from the Birdsboro Power Project’s Natural Gas Combined Cycle Power Plant Facility, located along Armorcast Road in the Borough of Birdsboro and Union Township, to the Hay Creek (CWF, MF) and the Schuylkill River (WWF, MF). **The revisions include the items noted on the attached document.**

PAC060046 was effective on 03/23/2017 and will expire on 03/22/2022. All dischargers are required by Sections 402 and 611 of The Clean Streams Law, 35 P.S. §§691.402 and 691.611 to comply with the terms and conditions of their permit.

If you have additional questions, please contact Eric Hout at 610-372-4657, ext. 205.

Sincerely,



Dean Druckenmiller
District Executive
Berks County Conservation District

Enclosures: 11/16/2017 Transmittal Letter from Kiewit, Stamped Plans

cc: Kiewit Power Constructors w/ Enclosures
Brian Boyer / Boyer Engineering LLC
Tom Unger / Systems Design Engineering
Birdsboro Borough
Union Township
File



November 16, 2017

Eric Hout
Urban Resource Conservationist
Berks County Conservation District
1238 County Welfare Road
Leesport, PA 19533
eric.hout@berkscd.com
TEL: (610) 372-4657

RE: Birdsboro Power Project
Kiewit Project No. 20019983
E&S and PCSM Minor Ammendments

Received
DEC 4 2017
Berks County
Conservation District

Eric:

Per our recent email conversations, we have made some minor modifications to the project E&S and PCSM. We are sending herewith 2 complete copies of the updated PCSM Report, 2 complete sets of the PCSM Drawings, 2 copies of the updated E&S Cover for the binder sleeve, 2 copies of the updated E&S cover for inside the binder, 2 copies of the updated E&S Narrative pages 14 and 15, and 2 copies of the updated E&S Drawing sheets CE-005, 006, 008, and 011. The revisions are summarized as follows:

E&S Report:

- Cover – Revised date of report to October 30th, 2017.
- Narrative Pages 14 and 15 – Revised construction sequence note #36 to address the newly added “Permanent” Rock Check Dams.

E&S Drawings:

- Sheet 20019983-CE-005 – Added “Permanent” Rock Check Dams.
- Sheet 20019983-CE-006 – Added “Permanent” Rock Check Dams.
- Sheet 20019983-CE-008 – Updated Rock Filter detail chart to include the “Permanent” Rock Check Dams.
- Sheet 20019983-CE-011 – Updated Construction Sequence note #36 to address newly added “Permanent” Rock Check Dams.

PCSM Report:

- Cover – Revised date of report to November 6th, 2017.
- Table of Contents pages ii and iii – Some page numbers changed due to edits in the narrative. We also added an Addendum for the Borough.
- Narrative Pages 11, 12, 13, and 14 – Added Permanent Rock Check Dams to the Maintenance chart. This change on Page 11 shifted things on 12, 13, and 14.
- Narrative Pages 17, 18, and 19 – Just minor page shifting and the addition of the Addendum to the list on Page 19.



- Updated Baffle Detail #7-14 and Baffle Plan to match the updated information you required to the E&S Report back in July.
- Added “Additional Summary and Hydrographs for 1yr, 5yr, and 25yr” at the request of the Borough
- Added “Addendum – Supplemental Calculations to Facilitate Borough of Birdsboro Review” to address particular Borough requirements and review comments.

PCSM Drawings:

- Sheet 20019983-SK-001 – Added Landowner Statement and Engineer Certification as required by the Borough.
- Sheet 20019983-SK-002 – Added Permanent Rock Check Dams to maintenance chart. Added chart for maintenance of miscellaneous stormwater system components as required by Borough.
- Sheet 20019983-SK-003 -- Added Borough required drainage easement and drainage easement note.
- Sheet 20019983-SK-004 – Added Borough required drainage easement and drainage easement note. Added permanent rock check dams. Added inlet 803 as required by the Borough.
- Sheet 20019983-SK-005 – Added Borough required drainage easement and drainage easement note.
- Sheet 20019983-SK-006 – Added Borough required drainage easement and drainage easement note. Added permanent rock check dam. Added inlet 803 as required by the Borough.
- Sheet 20019983-SK-008 – Added permanent rock check dam.
- Sheet 20019983-SK-009 – Added Rock Filter Detail for the rock check dams as required by the Borough.

Sincerely,

Jay Green
Civil Lead Design Engineer
Kiewit

Attachment/Enclosure