

Application Type Renewal
Facility Type Industrial
Major / Minor Major

**NPDES PERMIT FACT SHEET
ADDENDUM No. 3**

Application No. PA0010031
APS ID 1033213
Authorization ID 1344726

Applicant and Facility Information

Applicant Name	<u>Shawville Power LLC</u>	Facility Name	<u>Shawville Generating Station</u>
Applicant Address	<u>250 Power Plant Road Box F</u> <u>Shawville, PA 16873</u>	Facility Address	<u>250 Power Plant Drive</u> <u>Shawville, PA 16873</u>
Applicant Contact	<u>Karen E. McClelland</u>	Facility Contact	<u>John Telford</u>
Applicant Phone	<u>(724) 877-4462</u>	Facility Phone	<u>(814) 768-4283</u>
Client ID	<u>350842</u>	Site ID	<u>244416</u>
SIC Code	<u>4911</u>	Municipality	<u>Bradford Township</u>
SIC Description	<u>Trans. & Utilities - Electric Services</u>	County	<u>Clearfield</u>
Date Published in PA Bulletin	<u>April 23, 2022</u>	EPA Waived?	<u>No</u>
Comment Period End Date	<u>May 22, 2022</u>	If No, Reason	<u>Major Facility</u>
Purpose of Application	<u>Renewal of an existing NPDES permit for the discharge of industrial wastewater, stormwater, and sewage.</u>		

Internal Review and Recommendations

Comments

Per discussions with U.S. EPA, in order to comply with requirements at 40 CFR § 122.47(a)(3)(ii), DEP has added annual progress reports due on February 1, 2023 and 2024 to the total thallium compliance schedule at Part C V.D.1 of the permit.

Per an email dated May 18, 2022, the permittee has no comments.

No comments were received from the public.

An internal review of the permit raised concerns that Outfalls 001 and 002 may not be eligible for a no exposure certification. After further clarification received from the permittee via email dated June 2, 2022 (attached) it appears that both outfalls are still exposed to industrial activity. Specifically, Outfall 001 is associated with a landfill that will continue to be used intermittently, and Outfall 002's drainage area includes an access road that is still used. Based on this information, DEP now recommends that the existing monitoring requirements for Outfalls 001 and 002 remain in the permit.

Recommendation

Since Outfalls 001 and 002 have been reincluded in the permit and the compliance schedule has been slightly modified, DEP recommends the permit is redrafted and published in the PA Bulletin.

Approve	Return	Deny	Signatures	Date
X			<i>Derek S. Garner</i> Derek S. Garner / Project Manager	June 9, 2022
X			<i>Nicholas W. Hartranft</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	June 9, 2022

From: [McClelland, Karen](#)
To: [Garner, Derek](#)
Subject: [External] RE: Shawville Outfalls 001 and 002
Date: Thursday, June 2, 2022 12:11:22 PM
Attachments: [image001.png](#)

ATTENTION: *This email message is from an external sender. Do not open links or attachments from unknown sources. To report suspicious email, forward the message as an attachment to CWOPA_SPAM@pa.gov.*

Hi Derek,

With the intermittent use of the landfill since 2016, Outfall 001 rarely has any storm water discharge, even in extreme storm conditions. Stormwater is absorbed by the vegetated and unpaved surfaces and terrain. Presently, the landfill does not have any active areas and is capped with intermediate soil cover with full vegetation. Every few years, a small area of the landfill may be opened up for disposal of pond sediment. Any stormwater in contact with solid waste is conveyed to the leachate collection system by constructed berms and a riser pipe and treated onsite before discharge via IMP 405. As a result, storm water runoff from outside the bermed area is conveyed to Outfall 001 and is not exposed to solid waste as required under our solid waste permit.

Outfall 002 only contains non-contact storm water from the access road and vegetated areas around the settling ponds and is not expected to contain overflow from the settling ponds, resulting in no exposure. This is because the use of the ponds has changed since repowering from coal to natural gas in 2016. High volumes of bottom ash sluice water are no longer conveyed into the ponds, and the only source wastewater to the pond is a much lower flow of clarifier solids from the IMP 405 treatment process. Because of the significant reduction in flow to the ponds and the large pond capacities, Outfall 002 has not received an overflow

Thanks, Karen



Karen E. McClelland
Senior Environmental Specialist
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724-877-4462

**PLEASE SEND ALL MAIL
DIRECTLY TO THE
APPLICABLE STATION.**

From: Garner, Derek <degarner@pa.gov>
Sent: Tuesday, May 31, 2022 3:03 PM
To: McClelland, Karen <Karen.McClelland@genon.com>
Subject: Shawville Outfalls 001 and 002

Karen,

Some last second concerns were brought up in an internal review of the most recent draft permit. Specifically, there is concerns that Outfalls 001 and 002 should continue stormwater sampling rather than receive a no exposure certification. Can you please provide some additional justification as to what has changed on site from the previous renewal so that these outfalls no longer come into contact with industrial activities?

Derek Garner | Project Manager
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