

Application Type Renewal
Facility Type MS4
MS4 Type Small

**INDIVIDUAL MS4
CHECKLIST**



Application No. PAI136104
APS ID 797647
Authorization ID 1310866

Applicant and Facility Information

Applicant Name	<u>White Oak Borough Allegheny County</u>	Facility Name	<u>White Oak Borough</u>
Applicant Address	<u>2280 Lincoln Way</u> <u>White Oak, PA 15131-2408</u>	Facility Address	<u>2280 Lincoln Way</u> <u>White Oak, PA 15131-2408</u>
Municipality	<u>White Oak Borough</u> Youghiogheny River (WWF), Long Run (HQ-TSF), Jacks Run (HQ-TSF), Crooked Run (WWF), Unnamed Tributary to Long Run (HQ-TSF, MF), and Unnamed Tributary to Jacks Run (HQ-TSF)	County	<u>Allegheny</u>
Receiving Water(s)	<u>Tributary to Jacks Run (HQ-TSF)</u>	Ch. 93 Class.	<u>MF, WWF, HQ-TSF, and TSF</u>
Date Application Received	<u>April 6, 2020</u>		

Checklist

<u>Completeness Item</u>		<u>Comments</u>
<input checked="" type="checkbox"/>	1. One original and two copies of complete NOI (3800-PM-BCW0100b).	
<input type="checkbox"/>	2. One original and two copies of complete Waiver Application (3800-PM-BCW0100e) (optional).	N/A
<input checked="" type="checkbox"/>	3. Complete storm sewer system map (existing permittees) (note – new urbanized areas do not require mapping of entire storm sewer collection system).	Revised mapping received November 2021 and March 2022.
<input type="checkbox"/>	4. Topographic map or storm sewer system map (new permittees and existing waivers).	N/A
<input type="checkbox"/>	5. MOU or written agreement for third party MCM implementation (if applicable).	N/A
<input checked="" type="checkbox"/>	6. Stormwater Management Ordinance (municipal applicants seeking renewed coverage only).	Signed and dated Stormwater Management Ordinance, enacted on November 19, 2018, submitted August 2021.
<input type="checkbox"/>	7. Stormwater Management Ordinance Checklist (3800-PM-BCW0100g) (if applicable).	N/A
<input type="checkbox"/>	8. SOPs (non-municipal applicants seeking renewed coverage only).	N/A
<input checked="" type="checkbox"/>	9. Chesapeake Bay PRP (Appendix D) and/or Impaired Waters PRP (Appendix E), where required.	PRP Revisions received November 2021 and March 2022.

Approve	Deny	Signatures	Date
X		 Lauren Nolfi, E.I.T. / Environmental Engineering Specialist	April 8, 2022
X		 Michael E. Fifth, P.E. / Environmental Engineer Manager	April 20, 2022

<input checked="" type="checkbox"/>	9a. PRP public participation requirements – the PRP contains a copy of the public notice advertising the PRP, a copy of all written comments received from the public to the PRP, and a copy of the permittee’s record of consideration of all timely comment received in the public comment period.	Public notice published in the Mon Valley Independent newspaper on February 5, 2020. No comments were received. New/ revised stream restoration locations are subject to public participation requirements.
<input checked="" type="checkbox"/>	9b. PRP contains a map that identifies land uses and/or impervious/pervious surfaces and the storm sewershed boundary(ies) (note – this map may be combined with item #3 for existing permittees).	Revised mapping received November 2021 and March 2022. Mapping includes detailed zoning map and watershed/ proposed BMP map.
<input checked="" type="checkbox"/>	9c. PRP contains a section that describes the pollutants of concern.	Long Run – siltation resulting from road runoff Crooked Run – siltation resulting from bank modifications
<input checked="" type="checkbox"/>	9d. PRP contains existing load calculations for pollutants of concern.	Long Run total sediment loading = 1,710,656 lbs/yr Crooked Run total sediment loading = 271,950 lbs/yr
<input checked="" type="checkbox"/>	9e. PRP selects BMPs to achieve the minimum required reductions in pollutant loading	Long Run total sediment removed = 214,078 lbs/yr Crooked Run total sediment removed = 8976 lbs/yr
<input checked="" type="checkbox"/>	9f. PRP identifies funding mechanisms.	Grants and Borough General Fund
<input checked="" type="checkbox"/>	9g. PRP identifies responsible parties for operation and maintenance (O&M) of BMPs.	White Oak Borough Public Works Department
<input type="checkbox"/>	9h. For joint PRPs, a written agreement amongst the parties is attached (if applicable).	N/A
<input type="checkbox"/>	10. TMDL Plan (Appendix F), where required.	N/A
<input type="checkbox"/>	10a. TMDL Plan public participation requirements (see 9a).	N/A
<input type="checkbox"/>	10b. Plan contains a map that identifies land uses and/or impervious/pervious surfaces and the storm sewershed boundary(ies).	N/A
<input type="checkbox"/>	10c. Plan contains describes the pollutants of concern.	N/A
<input type="checkbox"/>	10d. Plan contains existing load calculations.	N/A
<input type="checkbox"/>	10e. Plan identifies wasteload allocations (WLAs).	N/A
<input type="checkbox"/>	10f. Plan contains an analysis of short- and long-term objectives.	N/A
<input type="checkbox"/>	10g. PRP selects BMPs to achieve the minimum required reductions in pollutant loading.	N/A
<input type="checkbox"/>	10h. PRP identifies funding mechanisms.	N/A
<input type="checkbox"/>	10i. PRP identifies responsible parties for O&M of BMPs.	N/A
<input type="checkbox"/>	10j. For joint PRPs, a written agreement amongst the parties is attached (if applicable).	N/A
<input type="checkbox"/>	11. Complete NOI packages for each co-applicant (joint NOIs only). NOTE – Each municipality served by an authority must also submit an NOI.	N/A

Other Comments:

The Department received a late Notice of Intent (NOI) for renewal of coverage of White Oak Borough under the Individual MS4 Permit on April 6, 2020. White Oak Borough’s previous individual permit was issued on June 13, 2014 and expired on June 30, 2019. White Oak Borough is located in Allegheny County and has a population of 7862, per the 2010 US Census. The borough has an urbanized area of approximately 4249.5 acres per DEP Land Cover Estimates. 18% of the borough’s urbanized area is

impervious and 82% of the borough's urbanized area is pervious. The renewal submittal included a Stormwater Management Ordinance that was unsigned and not dated. White Oak Borough submitted, in August of 2021, a Stormwater Management Ordinance that was enacted at a public meeting on November 19, 2018 to be consistent with the 2013 or 2022 DEP Model Ordinances and an Act 167 Plan approved by DEP. The borough is not relying on Pennsylvania's Chapter 102 program for erosion and sediment control and post-construction stormwater management requirements.

The borough's submitted PRP did not include sufficient BMPs to address their required load reduction and did not calculate load reductions correctly. A revised PRP was submitted in November 2021 and included revised BMPs and load reduction calculations and revised mapping. The PRP included all of its proposed BMPs in only one of its two impaired watersheds and included load reduction calculation errors. A second revised PRP was submitted on March 25, 2022 and included a proposed BMP within the Crooked Run Watershed, revised mapping, and corrected load reduction calculations.

White Oak Borough has outfalls discharging to receiving water bodies within three HUC-12 Watersheds: Long Run Watershed, Streets Run-Monongahela River Watershed, and Pollack Run-Youghiogheny River Watershed. The most downstream outfall to each water body is listed as: Outfall 25 to Long Run at Jacks Run Source (HQ-TSF), Outfall 46 to Long Run at Jack's Run Mouth (TSF), Outfall 191 to Jacks Run (HQ-TSF), Outfall 84 to Crooked Run (WWF), Outfall 40 to Youghiogheny River (WWF), Outfall 124 to Stewartville Road Run/ UNT to Long Run (HQ-TSF, MF), Outfall 197 to McKee Road Run/ UNT to Jacks Run (HQ-TSF).

Jacks Run and the Youghiogheny River have no listed impairments. Long Run at Jacks Run Source and Jack's Run Mouth is impaired for siltation and unknown impairments, resulting from highway/ road/ bridge runoff (non-construction related), and pH, resulting from atmospheric deposition. Stewartville Road Run is impaired for metals and pH, resulting from acid mine drainage. McKee Road Run is impaired for siltation, resulting from highway/ road/ bridge runoff (non-construction related). Crooked Creek is impaired for siltation, resulting from streambank modifications/ destabilization. Crooked Run is tributary to the Monongahela River, which is impaired for pathogens and impaired with an approved TMDL for PCBs.

The Monongahela River's TMDL is active in the stream segments from Point Marion Lock and Dam (RM 90.8) to the Grays Landing Lock and Dam (RM 82.0). Per the TMDL study, there are no known current sources of PCB and Chlordane for the impairment listed in the segments of concern. PCB and Chlordane present in the system are believed to reside primarily in the sediment due to historical use. Their levels are expected to decline over time due to the bans on use through natural attenuation. Additionally, Appendix C Pollutant Control Measures (PCMs) in the NPDES Permit will address PCB impairments in White Oak Borough.

White Oak Borough is subject to Appendix B, C and E requirements. The borough submitted one PRP to reduce pollutant loadings of sediment by 10% in the Long Run Watershed and Streets Run-Monongahela River Watershed. Revised PRPS were submitted in November of 2021 and March of 2022. The PRP technical review checklist is attached.

White Oak Borough has submitted annual reports from 2004-2012, 2014, 2017, and 2020, but is overdue for submitting their 2013, 2015, 2016, 2018, 2019, and 2021 annual reports. As will be stated in the final permit cover letter, White Oak Borough is required to resume annual report submittals. White Oak Borough was most recently inspected on December 6, 2021 as a compliance evaluation and administrative/ file review. The following violations were noted:

- Failure to conduct dry weather screenings at outfalls to evaluate the presence of illicit discharges.
- PCSM inventory is not updated and maintained annually.
- PCSM inventory fails to include exact location of BMPs.
- PCSM inventory fails to include BMP type and year installed.
- Training program is not conducted, reviewed, and updated annually.
- Employee training documentation does not include dates, names of attendees, names of presenters, and topics covered.

The violations were resolved on February 17, 2022. The municipality has no open violations.

Permit issuance is recommended.