

Application Type Renewal
 Facility Type Non-Municipal
 Major / Minor Minor

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0096652
 APS ID 1121997
 Authorization ID 1500092

Applicant and Facility Information

Applicant Name	<u>Pittsburgh PA Motor Speedway</u>	Facility Name	<u>PA Motor Speedway</u>
Applicant Address	<u>170 Kelso Road</u> <u>Mc Donald, PA 15057-2124</u>	Facility Address	<u>170 Kelso Road</u> <u>Mcdonald, PA 15057</u>
Applicant Contact	<u>Blair Cress</u>	Facility Contact	<u>Same as applicant</u>
Applicant Phone	<u>(412) 605-8435</u>	Facility Phone	<u>Same as applicant</u>
Client ID	<u>381250</u>	Site ID	<u>490591</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>North Fayette Township</u>
Connection Status	<u>No Limitations</u>	County	<u>Allegheny</u>
Date Application Received	<u>September 19, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>.</u>		

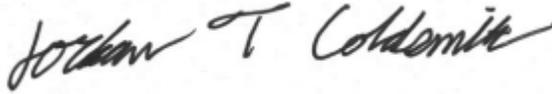
Summary of Review

The draft comment period ended on October 6, 2025 with one comment received.

KLH Engineers submitted a letter on October 6, 2025 requesting a compliance schedule to allow time for facility upgrades in order to meet the new more restrictive Dissolved Oxygen, Total Residual Chlorine, and Ammonia-Nitrogen limits.

The department agreed to give the facility a compliance schedule and this permit will be redrafted with a three year compliance schedule.

Effluent Limits with the compliance period are shown below and a proposed schedule of compliance has been added to Part C of the NPDES Permit.

Approve	Deny	Signatures	Date
X		 Jordan Coldsmith / Environmental Engineering Specialist	January 5, 2026
X		 Mahbuba Iasmin, Ph.D., P.E. / Environmental Engineering Manager	January 7, 2026



Via Electronic Mail Only

October 6, 2025

Ref. No. 3076-01

Jordan Coldsmith,
Pennsylvania Department of Environmental Protection
Southwest Regional Office - Clean Water Program
400 Waterfront Drive
Pittsburgh, PA 15222-4745

Dear Jordan Coldsmith:

**Pittsburgh PA Motor Speedway
Pittsburgh PA Motor Speed Way Water Treatment Plant
DRAFT NPDES Permit Comments
NPDES Permit No. PA0096652
Authorization ID No. 150092**

I am writing on behalf of the Pittsburgh PA Motor Speedway to offer the following comments on the issued Draft NPDES Permit No. PA0096652, for PADEP's consideration and implementation when issuing the Final NPDES Permit No. PA0096652:

1. The following parameters are added to the Draft NPDES Permit No. PA0096652:

Parameter	Previous Concentration (mg/L)	New Concentration (mg/L)	Monitoring requirements
Dissolved Oxygen	Minimum concentration 4.0 mg/L	Minimum concentration 5.0 mg/L	Daily when Discharging Grab
Total Residual Chlorine	Average Monthly 0.5 Instant Maximum 1.6	Average Monthly 0.037 Instant Maximum 0.123	Daily when Discharging Grab.
Ammonia-Nitrogen	Report	October 1 – April 30 Average monthly concentration: 3.46 mg/L and instant max: 6.92 mg/L.	2/Month Grab

Ammonia-Nitrogen	Report	May 1- September30 average monthly is 2.14 mg/L, and the instant Max is 4.28 mg/L	2/Month Grab
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We do not believe the parameter limits presented in the new NPDES Permit will be obtainable by the Pittsburgh PA Motor Speedway. KLH Engineers, Inc. (KLH) on behalf of the Pittsburgh PA Motor Speedway requests the opportunity to maintain the limits of the current NPDES permit. The Pittsburgh Motor Speed Way would request that if the new standards are required by the DEP, the establishment of a compliance schedule would be beneficial in order to implement new treatment facility upgrades.

If you have any questions regarding this correspondence, please feel free to contact me directly at (412)-494-0510, extension 142.

Sincerely,

KLH ENGINEERS, INC.



Roger B. Varner, P.E.
Senior Project Engineer

Cc: Blair Cress, Pittsburgh PA Motor Speedway STP
Kerry Krider, P.E., KLH Engineers, Inc.

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the “NPDES Permit Writer’s Manual” (386-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Three years from permit effective date

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
DO	XXX	XXX	4.0 Inst Min	XXX	XXX	XXX	Daily when Discharging	Grab
TRC	XXX	XXX	0.5 Avg Mo	XXX	XXX	1.6	Daily when Discharging	Grab
Ammonia-Nitrogen	XXX	XXX	Report Avg Mo	XXX	XXX	XXX	2/month	Grab

Compliance Sampling Location: Outfall 001

Other Comments: N/A

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Outfall 001, Effective Period: Three years from permit effective date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
DO	XXX	XXX	5.0 Daily Min	XXX	XXX	XXX	Daily when Discharging	Grab
TRC	XXX	XXX	XXX	0.037	XXX	0.123	Daily when Discharging	Grab
Ammonia-Nitrogen Oct 1 - Apr 30	XXX	XXX	XXX	3.46	XXX	6.92	2/month	Grab
Ammonia-Nitrogen May 1 - Sep 30	XXX	XXX	XXX	2.14	XXX	4.28	2/month	Grab

Compliance Sampling Location: Outfall 001

Other Comments: N/A

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Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	0.025	Report Daily Max	XXX	XXX	XXX	XXX	2/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Daily when Discharging	Grab
CBOD5	XXX	XXX	XXX	25	XXX	50	2/month	Grab
TSS	XXX	XXX	XXX	30	XXX	60	2/month	Grab
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	2/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/month	Grab
E. Coli (No./100 ml)	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	Grab
Total Iron	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	Grab
Total Manganese	XXX	XXX	XXX	XXX	Report Daily Max	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: N/A