

Application Type Renewal  
Facility Type Industrial  
Major / Minor Minor

**NPDES PERMIT FACT SHEET  
INDIVIDUAL INDUSTRIAL WASTE (IW)  
AND IW STORMWATER**

Application No. PA0057479  
APS ID 1059016  
Authorization ID 1388813

**Applicant and Facility Information**

Applicant Name	<u>Rhoads Ind Inc.</u>	Facility Name	<u>Phila Navy Yard Dry Dock 2</u>
Applicant Address	<u>1900 Kitty Hawk Avenue Suite 108 East Philadelphia, PA 19112</u>	Facility Address	<u>5120 South 17th Street Philadelphia, PA 19112</u>
Applicant Contact	<u>Kimberly Buchinsky</u>	Facility Contact	<u>Ryan Cahill</u>
Applicant Phone	<u>(267) 728-6544</u>	Facility Phone	<u>(267) 728-6377</u>
Client ID	<u>288606</u>	Site ID	<u>452007</u>
SIC Code	<u>3731</u>	Municipality	<u>Philadelphia City</u>
SIC Description	<u>Manufacturing - Ship Building And Repairing</u>	County	<u>Philadelphia</u>
Date Application Received	<u>March 3, 2022</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal</u>		

**Summary of Review**

The permittee has submitted a NPDES renewal application to discharge wastewater from their facility into Delaware River.

The facility is involved in Shipbuilding and Repair.

DEP has conducted a site visit on March 9, 2022.

No issues with operations and no known non-compliance is noticed.

There are no changes in quality and quantity of the discharge therefore, previously approved effluent and monitoring requirements will remain in permit as listed on page 3.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Approve	Deny	Signatures	Date
X		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	October 14, 2022
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	10/14/2022

Compliance History

DMR Data for Outfall 010 (from September 1, 2021 to August 31, 2022)

Parameter	AUG-22	JUL-22	JUN-22	MAY-22	APR-22	MAR-22	FEB-22	JAN-22	DEC-21	NOV-21	OCT-21	SEP-21
Flow (MGD) Average Monthly	1.092	1.092	1.0556	1.092	1.092	1.057	1.092	1.092	1.056	1.092	1.0568	1.092
Flow (MGD) Daily Maximum	1.092	1.092	1.092	1.092	1.092	1.092	1.092	1.092	1.092	1.092	1.092	1.092
pH (S.U.) Instantaneous Minimum	7.93	7.23	7.75	7.8	7.73	7.83	7.93	7.79	7.79	7.92	7.52	8.09
pH (S.U.) Instantaneous Maximum	8.21	7.59	7.93	7.9	7.91	8.21	8.19	7.84	7.93	8.21	7.94	8.21
TSS (mg/L) Average Monthly	10.45	4.5	7.8	13.85	7.55	3.9	9.9	8.25	< 2.5	3.3	3.85	4.5
TSS (mg/L) Daily Maximum	17.7	7.1	9.4	16.3	9.9	4.4	12.3	10.0	< 2.5	4.1	5.2	5.1
Oil and Grease (mg/L) Average Monthly	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Oil and Grease (mg/L) Daily Maximum	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Total Copper (mg/L) Average Monthly	0.00465	0.00415	0.0055	0.0142	< 0.0025	0.0031	0.0041	0.00255	0.00385	0.0036	0.00375	< 0.0025
Total Copper (mg/L) Daily Maximum	0.0056	0.0043	0.008	0.01055	< 0.0025	0.0033	0.0048	0.0026	0.0048	0.0047	0.0041	< 0.0025
Total Iron (mg/L) Average Monthly	0.2335	0.4215	0.526	0.488	0.3535	0.316	0.664	0.6035	0.07695	0.5715	0.777	0.1591
Total Iron (mg/L) Daily Maximum	0.301	0.597	0.6	0.637	0.372	0.331	0.685	0.692	1.210	0.712	1.010	0.260
Total Lead (mg/L) Average Monthly	0.00086	0.00097	0.00102	0.00135	0.00122	< 0.00084	0.0031	0.00593	0.0084	0.00084	0.0016	< 0.00084
Total Lead (mg/L) Daily Maximum	0.00088	0.0011	0.0012	0.0016	0.0015	< 0.00084	0.0048	0.0011	0.0084	0.00084	0.002	< 0.00084
Total Zinc (mg/L) Average Monthly	0.0066	0.00705	0.0111	0.0165	0.00795	< 0.0065	0.01115	0.01645	0.01095	0.05875	0.0086	< 0.0065
Total Zinc (mg/L) Daily Maximum	0.0067	0.0076	0.0152	0.0218	0.0094	< 0.0065	0.0135	0.0251	0.0116	0.0111	0.009	< 0.0065
PCBs (Dry Weather) (pg/L) Daily Maximum			11400						11596			

**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" (362-0400-001), SOPs and/or BPJ.

**Outfall 010, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	2/month	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	2/month	Grab
Total Suspended Solids	XXX	XXX	XXX	100.0	200.0	250	2/month	Grab
Oil and Grease	XXX	XXX	XXX	15.0	30.0	30	2/month	Grab
Copper, Total	XXX	XXX	XXX	Report	Report	XXX	2/month	Grab
Iron, Total	XXX	XXX	XXX	Report	Report	XXX	2/month	Grab
Lead, Total	XXX	XXX	XXX	Report	Report	XXX	2/month	Grab
Zinc, Total	XXX	XXX	XXX	Report	Report	XXX	2/month	Grab
PCBs Dry Weather Analysis (pg/L)	XXX	XXX	XXX	XXX	Report	XXX	2/year	Grab

Compliance Sampling Location: Outfall 010