

TEST REPORT

Official Technical Translation & Environmental Compliance Record

- 1. Sampling Location:** Post-treatment industrial wastewater of NPK Plant (at inspection pit prior to connection to Phu My 1 IZ centralized collection system)
- 2. Date of Monitoring:** 06/12/2023 (09:20)
- 3. Customer / Client:** PetroVietnam Fertilizer and Chemicals Corporation - JSC - Phu My Fertilizer Plant

4. Analytical / Measurement Results:

No.	Parameter / Analysis Norm	Unit	Method / Equipment	Result
1	Ammonium (NH ₄ ⁺ as N)	mg/l	TCVN 5988:1995	ND (<1.00)
2	Biochemical Oxygen Demand (BOD ₅ at 20°C)	mg/l	TCVN 6001-1:2021	ND (<3.0)
3	Total Suspended Solids (TSS)	mg/l	TCVN 6625:2000	6.8
4	Residual Chlorine	mg/l	TCVN 6225-3:2011	ND (<0.90)
5	Chemical Oxygen Demand (COD)	mg/l	SMEWW 5220.D:2023	ND (<30)
6	Total Coliform	MPN/100ml	TCVN 6187-2:2020	11 x 10 ²
7	Total Nitrogen (T-N)	mg/l	TCVN 6638:2000	23.5
8	Total Phosphorus (T-P)	mg/l	TCVN 6202:2008	1.02
9	Total Iron (T-Fe)	mg/l	US EPA Method 3015A & SMEWW 3120 B: 2023	0.053
10	Copper (Cu)	mg/l	US EPA Method 3015A & SMEWW 3120 B: 2023	ND (<0.050)
11	Mineral Oil and Grease	mg/l	SMEWW 5520B&F: 2023	ND (<0.3)
12	pH	-	TCVN 6492:2011	7.7
13	Phenol	mg/l	TCVN 6216:1996	ND (<0.10)
14	Temperature	°C	SMEWW 2550B:2023	29.8

Notes / Remarks:

- Sample collected and analyzed by CEMRB according to official service contract.
- ND: Not Detected below method detection limit.
- Test results are only valid for the analyzed samples at the time and location indicated.

HEAD OF ENVIRONMENTAL ADVISORY / TESTING DIVISION

DIRECTOR / VICE DIRECTOR

Nguyen Thi Le Hang / Nguyen Thi Hang

Le Tuan Kiet / Nguyen Xuan Son / Vo Phi Long

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TEST REPORT

Official Technical Translation & Environmental Compliance Record

- 1. Sampling Location:** Post-treatment industrial wastewater of NPK Plant (at inspection pit prior to connection to Phu My 1 IZ centralized collection system)
- 2. Date of Monitoring:** 29/06/2023 (11:00)
- 3. Customer / Client:** PetroVietnam Fertilizer and Chemicals Corporation - JSC - Phu My Fertilizer Plant

4. Analytical / Measurement Results:

No.	Parameter / Analysis Norm	Unit	Method / Equipment	Result
1	Mineral Oil and Grease	mg/l	SMEWW 5520B&F: 2023	ND (<0.3)
2	pH	-	TCVN 6492:2011	6.9
3	Phenol	mg/l	TCVN 6216:1996	ND (<0.3)
4	Total Suspended Solids (TSS)	mg/l	TCVN 6625:2000	39
5	Residual Chlorine	mg/l	TCVN 6225-3:2011	ND (<0.90)
6	Temperature	°C	SMEWW 2550B:2023	32.2
7	Ammonium (NH ₄ ⁺ as N)	mg/l	TCVN 5988:1995	ND (<1.00)
8	Biochemical Oxygen Demand (BOD ₅ at 20°C)	mg/l	TCVN 6001-1:2021	ND (<3.0)
9	Chemical Oxygen Demand (COD)	mg/l	SMEWW 5220.D:2023	ND (<30)
10	Total Nitrogen (T-N)	mg/l	TCVN 6638:2000	19.2
11	Total Phosphorus (T-P)	mg/l	TCVN 6202:2008	5.05
12	Total Iron (T-Fe)	mg/l	TCVN 6177:1996	1.25
13	Copper (Cu)	mg/l	US EPA Method 3015A & SMEWW 3120 B: 2023	ND (<0.050)
14	Total Coliform	MPN/100ml	TCVN 6187-2:2020	23

Notes / Remarks:

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