

TEST REPORT

Official Technical Translation & Environmental Compliance Record

1. **Sampling Location:** Domestic wastewater post-treatment from transformer station of Phu My Fertilizer Plant
2. **Date of Monitoring:** 06/12/2023 (09:30)
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	Sulfide (S ²⁻)	mg/l	SMEWW 4500 SD:2023	ND (<0.12)
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	17
4	Total Phosphorus (T-P)	mg/l	TCVN 6202:2008	2.15
5	Total Coliform	MPN/100ml	TCVN 6187-2:2020	11 x 10 ²
6	Total Dissolved Solids (TDS)	mg/l	SOP-PQT-44	377.5
7	pH	-	TCVN 6492:2011	7.6
8	Total Nitrogen (T-N)	mg/l	TCVN 6638:2000	ND (<10.0)
9	Mineral Oil and Grease	mg/l	SMEWW 5520B&F: 2023	ND (<0.3)
10	Surfactants	mg/l	SMEWW 5540B&C:2017	ND (<0.03)

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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ENVIRONMENT MONITORING REPORT

Official Technical Translation & Environmental Compliance Record

1. **Sampling Location:** Generator exhaust emissions at transformer station of Phu My Fertilizer Plant
2. **Date of Monitoring:** 06/12/2023
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	Total Particulate Matter (PM)	mg/Nm3	US EPA Method 5	7.5
2	Temperature	°C	SOP-PQT-KT06	139.4
3	Nitrogen Oxides (NOx)	mg/Nm3	SOP-PQT-KT01	970.1
4	Sulfur Dioxide (SO2)	mg/Nm3	SOP-PQT-KT01	<2.6
5	Noise Level	dBA	TCVN 7878:2018	81.3

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ENVIRONMENT MONITORING REPORT

Official Technical Translation & Environmental Compliance Record

1. **Sampling Location:** Generator exhaust emissions at transformer station of Phu My Fertilizer Plant
2. **Date of Monitoring:** 26/12/2023
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	Nitrogen Oxides (NOx)	mg/Nm ³	QT-KT-008	184.05

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