



Environmental Management Bureau
Regional Environmental Laboratory Region VIII

Brgy. Baras, Palo, Leyte

Certificate of Analysis

Department: ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-AMBIENT SECTION

Name/Source:	Leyte Agri Corporation (Other waterbodies monitored)		
Address/Location:	Ormoc City		
Sampled by:	R Udtohan		
Date Arrived:	Feb 09, 2022 @ 4:00 PM	Date Acknowledged:	Feb 09, 2022 @ 4:05 PM
Date Reported:	Feb 11, 2022 @ 3:46 PM		

Chain of custody no.	Lab sample no.	Time of Collection	Sample type	Sample Information
2022-035	2208-119	Feb 9, 2022 @ 7:57 AM	Sea Water	water sample placed in 500-mL plastic and glass bottle labeled "Fronting crushing plant"
	2208-120	Feb 9, 2022 @ 8:01 AM	Sea Water	water sample placed in 500-mL plastic and glass bottle labeled "Left of outfall"
	2208-121	Feb 9, 2022 @ 8:09 AM	Sea Water	water sample placed in 500-mL plastic and glass bottle labeled "Front of outfall"
	2208-122	Feb 9, 2022 @ 8:13 AM	Sea Water	water sample placed in 500-mL plastic and glass bottle labeled "Right of outfall"
	2208-123	Feb 9, 2022 @ 8:17 AM	Sea Water	water sample placed in 500-mL plastic and glass bottle labeled "Fronting OSCO plant"

Environmental conditions during analysis:

Relative humidity: 68.2%

Temperature: 22.5°C

CHARACTERISTICS:

Parameters	Date Analyzed	Lab sample no.				
		119	120	121	122	123
True Color,TCU	10-Feb-22	5	5	5	5	5
PO ₄ ³⁻ , mg/L	11-Feb-22	0.000	0.000	0.000	0.000	0.000
NO ₃ ⁻ , mg/L	10-Feb-22	0.09	ND	ND	ND	ND
Cl ⁻ , mg/L	10-Feb-22	29.03	>DL	>DL	>DL	>DL

Method used: True color - Visual comparison method

Phosphate(PO₄³⁻) - Ascorbic acid method

Nitrate (NO₃⁻) and Chloride (Cl⁻) - Ion chromatography with Chemical Suppression of Eluent Conductivity

Method detection limit (MDL):

True color 5 TCU
 NO₃⁻, mg/L 0.069 mg/L
 Cl⁻, mg/L 0.089 mg/L

Reference: Standard Methods for the Examination of Water and Wastewater, 23rd ed., 2017, AHA, AWWA, WEF

Remarks
 1. This certificate of analysis is based on the sample as received by this office.
 2. This certificate of analysis shall not be reproduced in full, without written approval from issuing laboratory.
 3. ND : "not detected", < MDL
 4. DL : detection limit

Analyzed by:

ARIEL B. SEVILLENNO, RChT
 Laboratory analyst, Chemistry
 Reg. No. 0003055

SHEREY MAE U. BALAGO, RCh
 Laboratory analyst, Chemistry
 Reg. No. 0013722

Approved by:

MANUEL J. SACEDA JR.
 OIC - Chief EMED

Analyzed and Certified by:

APRILYN F. DANAS, RCh
 Laboratory Manager
 Reg. No. 0011659

Noted by:

REYNALDO B. BARRA
 OIC - Regional Director

cc

Laboratory
 Sampler
 Records Unit

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	Regional Environmental Laboratory Region VIII
	Brgy. Baras, Palo, Leyte
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True Color,TCU	10-Feb-22	5	5	5	5	5
PO4 ³⁻ , mg/L	11-Feb-22	0.000	0.000	0.000	0.000	0.000
NO3 ⁻ , mg/L	10-Feb-22	0.09	ND	ND	ND	ND
Cl ⁻ , mg/L	10-Feb-22	29.03	>DL	>DL	>DL	>DL


Method used: True color - Visual comparison method
Phosphate(PO4³⁻) - Ascorbic acid method
Nitrate (NO3⁻) and Chloride (Cl⁻) - Ion chromatography with Chemical Suppression of Eluent Conductivity


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