

MONITORING FORM

If environmental reviews indicate the need of monitoring by JICA, JICA undertakes monitoring for necessary items that are decided by environmental reviews. JICA undertakes monitoring based on regular reports including measured data submitted by the Project proponent. When necessary, the Project proponent should refer to the following monitoring form for submitting reports.

When monitoring plans including monitoring items, frequencies and methods are decided, project phase or project life cycle (such as construction phase and operation phase) should be considered.

1.0. Response/Actions to Comments and Guidance from Government Authorities and the Public

Monitoring Item: Construction Phase	Monitoring Results During Report Period
Number of Response/Actions to Comments and Guidance from Government Authorities (DENR, NIA, LGUs, DA, DOLE, DSWD)	<p>4th Quarter of 2021</p> <p>1. DENR-EMB ECC Compliance SMRs for the 4th Quarter of 2021 have been submitted to EMB-Region 3. Preparation of the Compliance Monitoring Report for the 2nd half of 2021 is in progress for submission to DENR-EMB by 15 January 2022.</p> <p>2. DOLE-EHS The regular and continuous monitoring on Environmental Safety and Health (EHS) is included in the Monthly Accomplishment Report of the Contractor for each Contract Package. Monthly reports are being submitted to DOLE.</p> <p>3. Compliance with DO 39 Series of 2020 Both Contractors are submitting reports to DPWH/DOLE in compliance with the requirements of DO 30 Series of 2021, "Revised Construction Safety Guidelines for the Implementation of Infrastructure Projects During the COVID-19 Public Health Crisis amending DO 39 Series of 2020.</p> <p>4. DENR RA 6969, Hazardous Waste Monitoring Report is included in the Monthly Accomplishment Report of the Contractor and prepared by the Materials Engineer 2.</p> <p>5. LGU No further IEC activities are being conducted. Formal acquisitions is proceeding through coordination with the relevant District Engineering Offices (DPWH) who are responsible for the validation of claims, release of payments and updating of claimants which is done on an individual basis.</p>

2.0. Water Quality (Effluent/Wastewater/Ambient Water Quality)

Samples for water quality laboratory analysis for the 4th quarter of 2021 were collected from contract package 3 on 8th December, 2021. Due to the Contractor's cash flow problems as the result of the delayed payment of billings, the results of the laboratory analysis of the samples, which will only be released upon payment, are expected to be available by the end of January 2022 and will be reported in the next Project Status Report.

For CP4, no water quality measurements were taken for the 4th quarter of 2021 as the Contractor's operations were limited to minor remedial measures to completed works with no environmental impacts.

3.0. Waste: Monitoring covers all ongoing Packages (CP3 & CP4)

Monitoring Item	Monitoring Results During Report Period, 3rd Quarter 2021
Solid Wastes (ton/day)	<ul style="list-style-type: none">- All excavated material is re-used in the works- Surplus timber and reinforcing steel is generally collected by local residents- Office waste from Contractor's campsites is collected on a weekly basis by the relevant LGU
Sanitary Waste (ton/day)	Treatment by septic tanks
Unsuitable Soil (cubic meter/day)	Nil
Spill-out oil from equipment (liter/month)	<ul style="list-style-type: none">- All contained within vehicle servicing areas- Used oil and grease stored in sealed containers and recycled
Hazardous Wastes (liquid: liter/month)	Nil
Hazardous Wastes (solid: kg/month)	Nil

4.0. Mitigation Measures Air Quality (Emission Gas/Ambient Air Quality)

Air Quality monitoring and sampling for the 4th Quarter of 2021 for CP3 was conducted December 8, 2021. As with the results of the water quality testing the results will be released upon payment to the testing agency which is expected to be by the end of January 2022.

1. Natural Environment

- ECOSYSTEM

TREE INVENTORY MONITORING CLLEX PHASE 1 PROJECT As of December 2021

TREE INVENTORY SUMMARY As of December 2021

Under Contract Package	Total Number of Trees Inventoried	Total Number of Trees Cut	Total Number of Trees Uncut
3 *includes 11 Coconut trees	88	68	20
4	842	740	102

*of the 102 uncut trees, 46 do not need to be cut and 56 trees which need to be cut are located in areas where there is no site possession. The owners of the trees have not accepted the Letter Offers based on the GFI assessment of current market values and expropriation proceedings have therefore commenced.

All tree cutting for Contract Package 1 and 2 has been completed.