

# MONITORING FORM

JULY - SEPTEMBER 2021

## PROJECT FOR CONSTRUCTION OF BYPASS IN SAN MIGUEL CITY (PACKAGE 2)

-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. Responses / Actions to Comments and Guidance from Government Authorities and the Public

Monitoring Item	Monitoring Results during Report Period
Camp yard By Pass San Miguel, Package 2 (UDP Consorcio D+O)	MARN-NFA-550-2021
Comacarán Quarry (UDP Consorcio D+O)	MARN-772-2021
Site for Final Disposal 1+710 LS (UDP Consorcio D+O)	MARN-NFA-887-2021

### 2. Mitigation Measures:

- Air Quality (Emission Gas/Environmental Air Quality). Measurement not started

Item	Unit	Measured Value (Mean)	Measured Value (Max)	Country's Standards	Period	Referred International Standards	Remarks (Measurement point, Frequency, Method, etc.)
1	24 hr	58.33	60.60	260 $\mu\text{g}/\text{m}^3$	27/07/21 – 28/07/21	NSO 13.11.01:00	1+320 LD
2	24 hr	40.41	41.80	260 $\mu\text{g}/\text{m}^3$	29/07/21 – 30/07/21	NSO 13.11.01:00	4+540 LD

- Water Quality (Effluent/Wastewater/ambient Water Quality), does not apply to the project

### 3. Noise.

Item	Unit	Measured Value (Mean)	Measured Value (Max)	Country's Standards	Period	Referred International Standards	Remarks (Measurement point, Frecuency, Method, etc.)
1	1hr	52.1dB	79.9	75dB	27/07/2021	NSO:13.11.03:01	Estación 1+320 LD
2	1hr	42.7dB	71.2	75dB	28/07/2021	NSO:13.11.03:01	Estación 4+540 LD