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8 March 2018

Ref.: TOB/YEC/LT/08-03-18/001

To : Consortium of Yachiyo Engineering Co., Ltd. and Nihon Suiko Sekkei Co., Ltd.,

Attn: Mr. Seiichi OYAMADA
Resident Engineer
International Division
Yachiyo Engineering Co., Ltd. Tokyo, Japan.

Ref: The Project for Improvement of Water Supply System in the Republic of Palau

Sub: Environmental Survey for Month of February 2018

Dear Sir,

We are pleased to submit herewith environmental survey reports for the month of February 2018, enclosed herewith are weekly environmental monitoring of Vibration Survey and Air & Noise Survey, for your information and record.

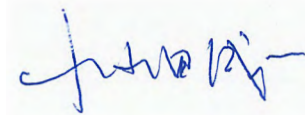
Thank you.

Sincerely yours,


Futoshi TONO
Project Manager
TOBISHIMA CORPORATION

RECEIVED

MAR 09 2018



Encl.: Environmental Survey for February 2018
c.c. Anthony Rudimch, Project Manager, Palau Public Utilities Corporation

THE PROJECT FOR IMPROVEMENT OF WATER SUPPLY SYSTEM
 REPUBLIC OF PALAU
 SUMMARY OF ENVIRONMENTAL MONITORING
 FOR THE MONTH OF FEBRUARY 2018

Date of Survey : FEB. 7, 16, 25 & MAR. 4, 2018

Location: KAWTP-KB BRIDGE TRANS. LINE
ROUTE D (DISTRIBUTION LINE)
KB BRIDGE - NGORRESAOL TRANS. LINE

I. Responses/Actions to Comments and Guidelines from Government Authority and Public

No.	Authorities/Public Complaints Comments	Contractor's Action/Response
1	NO COMPLAINT	
2		
3		
4		
5		

II. Mitigation Measures

No.	Monitoring Item	Unit	Results				Specification	Remarks
			Week 1	Week 2	Week 3	Week 4		
1	Dust	-	NONE	NONE	NONE	NONE	-	VISUAL CHECK
2	SS : Suspended Solid for Turbid Water	mg/L	-	-	-	-	150mg/L~200 mg/L	
3	Noise	db	69.5	65.2	70.1	67.3	85db	AMBIENT NOISE
4	Vibration	db	69.54	66.02	66.02	66.02	75db	

3. Social Environment

No.	Monitoring Item	Government/Public Complaints/Comment	Contractor's Action/Response
1	Complaints on Traffic Jam and Temporary Traffic Control Measure	NO COMPLAINT	
2	Duration and Complaints of Residents & Stakeholders for Water Suspension	NO COMPLAINT	

THE PROJECT FOR IMPROVEMENT OF WATER SUPPLY SYSTEM
REPUBLIC OF PALAU
SUMMARY OF ENVIRONMENTAL MONITORING
FOR THE MONTH OF FEBRUARY 2018

4. Occupational Health, Safety, Labor Environment & Accident

4.1 Arrangement of Safety Precaution

NO ACCIDENT OCCURED

4.2 Contents and Frequency of Safety Meeting and Training Programs

Date & Time of Safety Meetings: MARCH 5, 2018 7:00 AM

Topics for This Months Safety Meeting

- HAZARDS ON ROAD MARKINGS
- CONTROLS HOW TO AVOID THIS HAZARDS

Surveyed by:

Rojohn Bermudez
Safety Engineer

Checked by:

Yasuhiro Tsuji
Engineering Manager

ENVIRONMENTAL MONITORING
Air, Water, Noise & Vibration Survey Record

Project : THE PROJECT FOR IMPROVEMENT OF WATER SUPPLY SYSTEM

MILUNG AND OVERLAYING WORKS

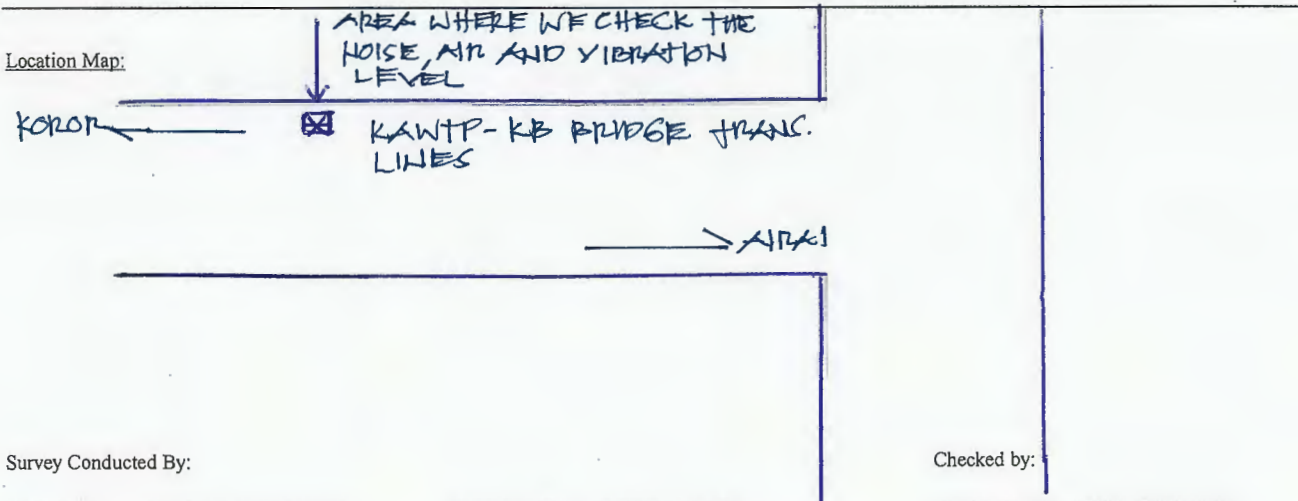
Item of Works : Weekly Monitoring Survey

Location : KAWTP-KB BRIDGE TRANSMISSION LINES

Date of Survey: FEBRUARY 07, 2018 Time of Survey: 2:00 PM Weather Condition: FAIR

Week No.	Unit	Measured Value (mean)	Measured Value (max)	Measured Value (ave)	Specification	Resident's Complaint
Dust	-	NONE	NONE	NONE	NONE	VISUAL CHECK
SS : Suspended Solid for Turbid Water	mg/L	-	-	-	150mg/L~200mg/L	
Noise	db	62.8	69.5	66.2	85db	
Vibration	db	60	69.54	66.02	75db	

Remarks:



Survey Conducted By:
SURANGEL CONSTRUCTION CO.

[Signature]
 Name: RODRIGUEZ DE LUNA
 Designation: CITE ENGR.

TOBISHIMA CORPORATION

[Signature]
 Name: Rojohn Bermudez
 Designation: Safety Engineer

Checked by:
TOBISHIMA CORPORATION

[Signature]
 Name: Yasuhiro Tsuji
 Designation: Engineering Manager



Conducted Environmental Survey for Vibration , Air and Noise Monitoring at KAWTP_KB BRIDGE Trans. Lines last February7, 2018



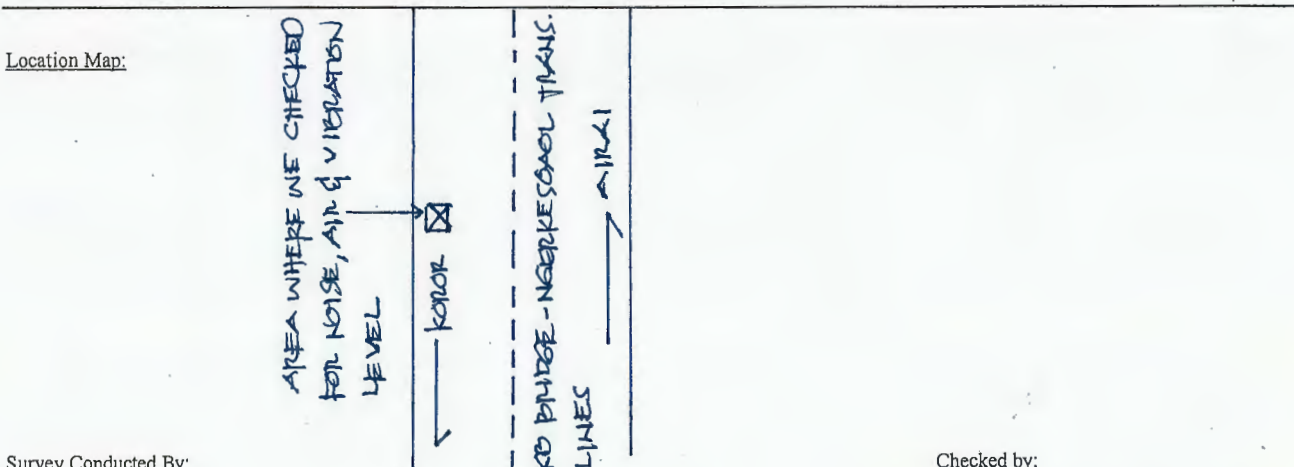


ENVIRONMENTAL MONITORING
Air, Water, Noise & Vibration Survey Record

Project : THE PROJECT FOR IMPROVEMENT OF WATER SUPPLY SYSTEM
ROAD MARKINGS XND ROAD SIDE REPAIR (ASPHALT)
 Item of Works : Weekly Monitoring Survey
 Location : KB BRIDGE - NEERKESAOOL TRANSMISSION LINES
 Date of Survey: FEB. 16, 2018 Time of Survey: 9:00 AM Weather Condition: FAIR

Week No.	Unit	Measured Value (mean)	Measured Value (max)	Measured Value (ave)	Specification	Resident's Complaint
Dust	-	NONE	NONE	NONE	NONE	VISUAL CHECK
SS : Suspended Solid for Turbid Water	mg/L	-	-	-	150mg/L~200mg/L	
Noise	db	60.5	65.2	62.42	85db	AMBIENT NOISE
Vibration	db	60	66.02	66.02	75db	

Remarks:



Survey Conducted By:
SURANGEL CONSTRUCTION CO.
 Name: Rolando de Lina
 Designation: SITE ENGR.

TOBISHIMA CORPORATION
 Name: Rojohn Bermudez
 Designation: Safety Engineer

Checked by:
TOBISHIMA CORPORATION
 Name: Yasuhiro Tsuji
 Designation: Engineering Manager



Conducted Environmental Survey for Vibration , Air and Noise Monitoring at KB Bridge- Ngerkesoal Trans. Lines last February 16, 2018

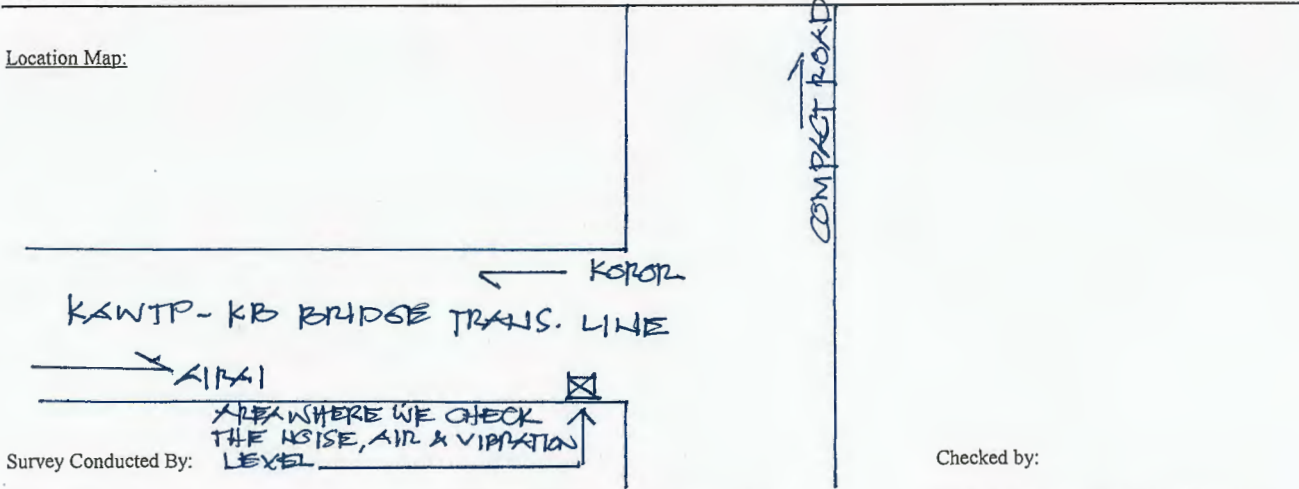


ENVIRONMENTAL MONITORING
Air, Water, Noise & Vibration Survey Record

Project : THE PROJECT FOR IMPROVEMENT OF WATER SUPPLY SYSTEM
MILLING AND ASPHALT PAVING WORKS
 Item of Works : Weekly Monitoring Survey
 Location : KAWTP - KB BRIDGE TRANSMISSION LINES
 Date of Survey: FEB. 25, 2018 Time of Survey: 2:30 PM Weather Condition: FAIR

Week No.	Unit	Measured Value (mean)	Measured Value (max)	Measured Value (ave)	Specification	Resident's Complaint
Dust	-	NONE	NONE	NONE	NONE	VISUAL CHECK
SS : Suspended Solid for Turbid Water	mg/L	-	-	-	150mg/L~200mg/L	
Noise	db	63.1	70.1	66.7	85db	AMBIENT NOISE
Vibration	db	60	66.02	66.02	75db	

Remarks:



Survey Conducted By: ROJON BERMUDEZ
 SURANGEL CONSTRUCTION CO. TOBISHIMA CORPORATION
 Name: ROJON BERMUDEZ Safety Engineer
 Designation: SITE ENGR.
 Checked by: YASUHIRO TSUJI
 TOBISHIMA CORPORATION
 Name: YASUHIRO TSUJI
 Designation: Engineering Manager



Conducted Environmental Survey for Vibration , Air and Noise Monitoring
at KAWTP_KB BRIDGE Trans. Lines last February 25, 2018





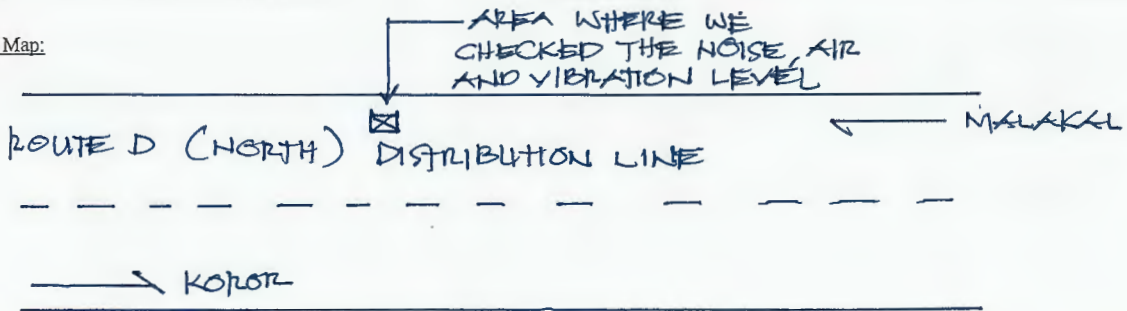
ENVIRONMENTAL MONITORING
Air, Water, Noise & Vibration Survey Record

Project : THE PROJECT FOR IMPROVEMENT OF WATER SUPPLY SYSTEM
ASPHALT MILLING AND PAVING WORKS
 Item of Works : Weekly Monitoring Survey
 Location : ROUTE D (DISTRIBUTION LINE)
 Date of Survey: MARCH 4, 2018 Time of Survey: 2:00 PM Weather Condition: FAIR

Week No.	Unit	Measured Value (mean)	Measured Value (max)	Measured Value (ave)	Specification	Resident's Complaint
Dust	-	NONE	NONE	NONE	NONE	VISUAL CHECK
SS : Suspended Solid for Turbid Water	mg/L	-	-	-	150mg/L~200mg/L	
Noise	db	63.8	67.3	65.54	85db	AMBIENT NOISE
Vibration	db	60	66.02	66.02	75db	

Remarks:

Location Map:



Survey Conducted By:
SURANGEL CONSTRUCTION CO.

R. D. Pina
 Name: RODRIGO FELIX
 Designation: STEELER

TOBISHIMA CORPORATION

Rojohn Bermudez
 Name: Rojohn Bermudez
 Designation: Safety Engineer

Checked by:
TOBISHIMA CORPORATION

Yasuhiro Tsuji
 Name: Yasuhiro Tsuji
 Designation: Engineering Manager



Conducted Environmental Survey for Vibration , Air and Noise Monitoring at Route D , Distribution Lines last March 4, 2018



