

Environmental Monitoring Report

Project Number 37378-013
Loans 2710 and 2711
Annual Report
January to December 2020

April 2021

Sri Lanka: Jaffna and Kilinochchi Water Supply and Sanitation Project

Prepared by Jaffna and Kilinochchi Water Supply and Sanitation Project Management Unit for the National Water Supply and Drainage Board and Ministry of Water Supply, Colombo, Sri Lanka and the Asian Development Bank.

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Jaffna Kilinochchi water supply and sanitation project

NATIONAL WATER SUPPLY & DRAINAGE BOARD

**Annual
Environmental Safeguards Compliance
Monitoring Report- 2020**

Project Management Coordination and Implementation Unit

Jaffna Kilinochchi Water Supply and Sanitation Project

National Water Supply & Drainage Board

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Table of Content

ABBREVIATIONS	3
1. Introduction	4
1.3 Environmental safeguard roles of client, supervisory consultant and contractor	8
2. Construction Activities	8
2.1 Package : 01	8
2.2 Package : 02	9
2.3 Package : 03	11
2.4 Package : 04.....	11
3. Environmental impacts and migratory measurers taken at site and monitoring	12
4. Public complains and Grievance Redress Mechanism	16
4.1 Implementing the GRM in packages for Jaffna MC and SWRO plant	16
5. summary of key issues/concerns identified during the reporting period and remedial actions	17
6 Health and safety protocols for the prevention of COVID-19.....	17
7. Conclusion and Recommendations.....	21
8.1Photos	22
8.2 Copies of environmental clearances and permits.....	33

ABBREVIATIONS

ADB	Asian Development Bank
CEA	Central Environmental Authority
EMP	Environmental Management Plan
IEER	Initial Environmental Examination Reports
JMC	Jaffna Municipal Council
JKWSSP	Jaffna Kilinochchi Water Supply and Sanitation Project
NWSDB	National Water Supply & Drainage Board
PCP	Public Communications Policy
PEIC	Project Engineering and Institutional Consultancy
PMU	Project Management Unit
GRC	Grievance Redress Committee
RP	Resettlement Plan
SPS	Safeguard Policy Statement
UDA	Urban Development Authority

1. Introduction

The three decade long armed conflict affected modernization of infrastructure facilities in the Northern Province. The Jaffna Kilinochchi Water Supply and Sanitation Project (JKWSSP) is part of the efforts taken by the government for enhancement of the social and physical wellbeing of the people in the Northern Province. The project was financed by the Asian Development Bank (ADB), Agence Francaise de Development (AFD) and GOSL. Executing agency of the project is Ministry of Water Supply and Drainage (MWSD) and implementing agency is the National Water Supply and Drainage Board (NWSDB). Feasibility study for the project was carried out during year 2005-2006.

The project was financed with a total sum of USD 164.04 million (USD 90 million from ADB, USD 48 million from AFD France and the balance US\$ 26.04 million being the Government contribution). The objective of the project is to improve the health standard of people, enhancement of the standard of living of the people in Jaffna peninsula, supporting the resettlement, economic development and social welfare of the entire Northern Province. The project was designed to provide safe drinking water to 300,000 people in water scarce areas of Jaffna and Kilinochchi districts and to provide pipe borne sewerage facilities for 80,000 population in the Jaffna Municipal Council area.

The initial design of the drinking water supply project was to abstract raw water from the Iranaimadu irrigation reservoir, but progress of the project was hampered due to a dispute over the water sharing arrangement between drinking water requirement and irrigation needs. After in-depth technical studies and lengthy evaluation process a consensus finally reached was to construct a desalination plant of 24,000 Cu.M/day capacity at Thalayadi village in Vadamaradchi East DS division of the Jaffna district. Going for desalination option resulted in the following changes of the project,

- (i) Cancellation of conventional water treatment plant and raw water pumping main from the Iranamadu tank originally co-financed by AFD,
- (ii) Exclusion of the sewerage component,
- (iii) Inclusion of a desalination plant,
- (iv) Inclusion of the household water connections,
- (v) Inclusion of water resource management and outreach activities.

Based on the revised cost estimates and cancellation of the AFD financing, the government requested additional financing of USD 120 million from the ADB to meet the changes in project scope. Consequently, an additional loan agreement was signed with the ADB on 15 December 2017. The closing date of current loan has been extended from 14 August 2017 to 31 December 2020 to complete the works in revised project scope ,using the original and additional financing amounting to USD 266 million(USD 210 million by ADB and USD 56 million by the GOSL).

1.1 PURPOSE OF THE REPORT:

This report presents the status of environmental safeguards compliance with respect to each package, for the period from January to December 2020. Information presented in this report is mainly based on the observations made during monthly field inspections jointly carried out by the Employer, the Engineer and the Contractor, and information provided by the Contractor through the Engineer. Most of the proposed locations were inspected during the feasibility study and observations were made on use and occupation of the land, infrastructure, and environmental factor as Flore, Fauna, all sites were revisited by ADB and NWSDB staff and consultants in December 2009– Dec 2016, to determine whether there had been any significant changes and to confirm that there were no constraints to the proposed civil works. The project has been categorized as Category B on environment under ADB Safeguard Policy Statement, 2009 (SPS).

1.2 Environmental Safeguard Team

Name	Name of the Officer	Designation / Office	Email Address	Contact Number	Roles
PMCIU ¹	T.Barathithasan	Project Director	pdjkwssp@gmail.com	021-222-0256	Review sub-project and activity plan, design, cost, and bid documents to ensure environmental factors and mitigations are incorporated, and sub-project documents and environmental documents are in harmony. PD/DPD/CE/ SE are the monitoring and checking the reports regularly submitted by assigned Environmental officers.
	S.Malathy	Deputy Project Director	malathycejkwssp@gmail.com		
	R.Balendra	Chief Engineer	balendrajkwssp@gmail.com		
	V.Vijaykanth	Senior Engineer	vijayjkwssp@gmail.com		
	S.Sivathasan	Chemist	s.thas13@gmail.com		Monitor the environmental related issues at the sites

¹ Project Engineering and Institutional Consultancy (PEIC) for the Project, a consortium led by Grontmij A/S of Denmark in association with Hifab of Sweden, Green Tech Consultants (Pvt.) Ltd., TMS and the Lanka Hydraulics Institute (LHI) of Sri Lanka has been appointed. Contract of the consultants has been finished and there are no any external monitors engaged for this project except environmental officer of contractor site staff.

Name	Name of the Officer	Designation / Office	Email Address	Contact Number	Roles
	S.Arani	Project Engineer	seearani@gmail.com		during implementation of subprojects and activities and provide feedback to the PD/DPD/CESE of the PMCIU2.
PIU (Contractor Site)	T. Basil Steve	Project Manager	pperera@sierra.lk	112584681 718742306	Review project and activity plan to ensure environmental factors and mitigations are incorporated and environmental documents are in harmony. Monitoring and checking the reports regularly submitted by assigned Environmental officers.
	S. Udayan	Environmental officer	udayan@sierra.lk	0112-584681	Internal auditing in all sites as monitoring and enforcing health and hygiene legislation. And investigate when there is an incident, such as pollution, a noise problem, toxic contamination, pest infestation or an outbreak of food poisoning and provide feedback to the PM.

² S. Sivathasan – Chemist and S. Arani – Project Engineer assigned for monitoring environmental issues.

Roles	Contact Number	Email Address	Designation / Office	Name of the Officer	Name
Monitoring short coming and taking corrective measure.	0773521346	thirudtladb6@gmail.com	Team Leader (Individual Consultant)	T. Thirunavukkarasu	Consultant
Negotiation completed and the agreement to be signed. These recruitments shall be completed after awarded of RO contract.			Team leader		Consultancy Firm (PMSC)
			Environmental Social Compliance Officer		
			Health and Safety Officer		
Proposal under review. These recruitments shall be completed after awarded of RO contract.			Environmental Compliance Officer		Consultancy Firm (EMT)
			Safety Compliance Officer		
			Safety Expert		
			Team Leader/ Environmentalist		

1.3 Environmental safeguard roles of client, supervisory consultant and contractor

During the construction period the contractor was responsible to implement the mitigation measures listed under EMP and conduct environmental parameter monitoring based on the EMoP. Project Management Coordination and Implementation Unit (PMCIU) headed by the Project Director is entrusted with overall responsibility for implementation of EMP and EMoP through the contractor. The consultant, M/s. Gronmij Project Engineering, and Institutional Consultancy (PEIC) works supervise the Contractor in implementing the EMP. The Prospective contractor has developed an Environmental Management Plan and it has been reviewed and approved by PEIC.

2. Construction Activities

2.1 Package : 01

SUPPLY AND LAYING OF TREATED WATER TRANSMISSION MAINS FROM PALAI WTP TO NALLUR AND CONSTRUCTION OF TWO TREATED WATER SUMPS AT NALLUR AND MEESALAI	
Contractor	M/s. JMC Projects(India) Ltd
Date of award	27.06.2016
Date of Commencement	01.08.2016
Contract Period	730 days
Date of Completion	31.07.2018, Contract period extension given up to 30 th September, 2020
Contract Sum	Rs. 2646 Mn
Construction Status	
Overall Physical Progress	97%
Procurement, Supply & Delivery of DI Pipes / Fittings	100%
Route confirmation and Laying of DI Pipes & Fittings from Puthukkadu -Meesali	100%
Route conformation &Laying of DI Pipes & Fittings from Meesali-Nallur	99%
Culvert Crossing/Bridge crossing/ on column support laying	99%

Construction of Measalai sump & Fixing of pipes and related works	97%
Construction of Nallur sump & Fixing of pipes and related works	95%
Temporary Reinstatement – RDA, RDD & UC/PS Roads /Shoulder/Embankment	99%
Permanent Reinstatement – RDA, RDD & UC/PS Roads	99%
Pressure testing	95%
Construction of valve chambers & Fixing of valves	95%

2.2 Package : 02

SUPPLY AND LAYING OF TREATED WATER TRANSMISSION MAIN (PART 2) INCLUSIVE OF 144KM OF TWTM SUB MAIN, THREE WATER RESERVOIRS)	
Contractor	M/s China Machinery Engineering Corporation (CMEC) - M/s Business Promotion Partner Engineering (BPPE) Joint Venture
Date of award	21.06.2016
Date of Commencement	26.07.2016
Contract Period	730 days
Date of Completion	25.07.2018, Contract period extension given up to 31 st July, 2020
Contract Sum	Rs. 2890 Mn
Construction Status	
Overall Physical progress	100%
Procurement, Supply & Delivery of DI Pipes / Fittings	100.00%

Procurement, Supply & Delivery of HDPE Pipes / Fittings	100.00%
Laying of DI/HDPE Pipes & Fittings from Meesalai sump to Karaveddy/Puttur/Karaveddy new towers	100.00%
Laying of DI Pipes & Fittings from Nallur sump to Old park/JMC/Pommaveli towers and Kallundai sump	100%
Laying of DI/HDPE Pipes & Fittings in Nainathivu/Analaithivu/Eluvaithivu	100%
Laying of DI Pipes & Fittings from Kallundai sump to Karainagar/Kayst/Velanai/ Allalpity /Punkuduthivu towers	100%
Construction of 100 m3 Punguduthivu sump	100.00%
Construction of 1500 m3 Kallundai sump	100.00%
Construction of 100 m3 Pooneri sump	100.00%
Laying of DI/HDPE Pipes & Fittings from Paranthan to Pooneri	100%
Culvert Crossing (20%) /Bridge Crossing (30%) / On Column Support Laying (50%)	100%
Temporary Reinstatement of RDA, RDD, UC/PS Roads and Shoulder, Embankment etc.	100%
Pressure Testing	100%
Construction of valve chambers & Fixing valves	100%

2.3 Package : 03

SUPPLYING AND LAYING OF DISTRIBUTION NETWORKS IN PALAI, KODIKAMAM, MEESALAI, POONAKARY, PUTHUR, NAWATKULI, KARAINAGAR, PUNGUDUTIVU, VADDUKKODAI, KATTUDAI, NALLUR ZONES, JMC TRANSMISSION PIPELINE AND CONSTRUCTION OF OFFICE/ STORE, QUARTERS AT NAVATKULI, KADDUDAI, VELANAI, POONERY, KARAVEDDY AND POKKANAI.	
Contractor	M/s. Sierra Construction Ltd
Date of award	29.10.2019
Date of Commencement	03.12.2019
Contract Period	730 days
Date of Completion	02.12.2020
Contract Sum	Rs. 2192.15 Mn
Construction Status	
Overall Physical Progress	75.00 % completed
Pipe laying work	192 km pipe laying work has been completed
Building works	55.00%

2.4 Package : 04

CONSTRUCTION OF WATER TOWERS AT POMMAIVELI, KARAVEDDY , NAINATIVU, ANALAITIVU AND ELUVAITIVU (ET 3)	
Contractor	M/s. Squire Mech Engineering (Pvt) Ltd
Date of award	28.05.2019
Date of Commencement	02.07.2019
Contract Period	540 days
Date of Completion	22.12.2020
Contract Sum	Rs. 565 Mn
Construction Status	
Overall Physical Progress	44.40%
Nainathivu (250 m3)	44%
Eluvathivu (100 m3)	68%
Analathivu (80m3)	30.40%

Karaveddi (250 m3)	64%
Pommaveli (1800m3)	35%

3. Environmental impacts and migratory measurers taken at site and monitoring

There are impacts on physical, ecological, and social environments for which mitigation measures have been taken by the contractor under the supervision of PMCIU and PEIC. The effectiveness of mitigation measures has been monitored and recorded by the contractor and PMCIU. In cases where further actions were needed, the PMCIU and PEIC have advised the contractor.

Table 3.1 below summarizes the activities carried out in each subproject, their impacts to the environment, mitigation measures taken to avoid/ minimize the adverse impacts, effectiveness of the mitigation measure adopted, and further action needed.

Table 3.1: Activities carried out in each subproject, their impacts to environment, mitigation measures, effectiveness and any further action needed

Environmental Issues to consider	Mitigation measures	Monitoring Parameter	Mitigation effectiveness		Status of mitigation measures being implemented	Remarks
Activity: 1. 1. Pipe-laying, installation of valves and hydrants, pressure testing, installation of service connection and reinstatement of trenches						
Insufficient protective measures around re-excavation shall endanger public safety	(i) To provide sufficient protective measures around trenches for the safety of workers/ pedestrians /road users	(i) Adequate warning boards, barricades, luminous stickers, night lamps are provided and maintained well	Moderate	To be improved	being complied with	Dust formation not yet observed, and Contractor advised to strictly implement the precaution for spreading of dengue mosquito in the stagnate water
Dust generated during cutting the asphalt layer of the trench shall endanger occupational health	(i) To provide on-site dust control arrangement while cutting the asphalt layer	(i) On-site dust control arrangement is provided while cutting asphalt layer	Satisfy	To be improved	being complied with	
		(ii) well maintain the water spray at all time when using the asphalt cutter.	Satisfy	To be improved	being complied with	
Activity: 1. 2. Maintenance of office/ labor camps/stores/sites						
Lack of sanitary facilities provided at office/camps shall endanger occupational health	(i) To provide adequate sanitary facilities for the use of office/camp occupants	(i) Adequate sanitary facilities are provided for the use of office/camp occupants	Fair	To be improved	being complied with	There are some sites have lack of safety precautions such as Fire extinguishers, first aide, emergency exits etc.
Lack of safety precautions (e.g., Fire extinguishers, first aide, emergency exits, safe meeting point) shall endanger occupational safety	(i) To provide safety precautions (e.g., Fire extinguishers, first aide, emergency exits, safe meeting point)	(i) Safety precautions such as Fire extinguishers, first aide, emergency exits, safe meeting point have been taken	Moderate	-	being complied with	
		(ii) Fire extinguishers are not outdated, and first aid requirements are available	Moderate	-	being complied with	
Activity: 1. 3. Use of machinery/equipment at construction work						
Construction vibration shall damage nearby public properties	(i) To take safety precautions to avoid damages nearby public properties due to vibration	(i) Crack survey has been carried out, prior to commence the construction.	Moderate	To be improved	being complied with	

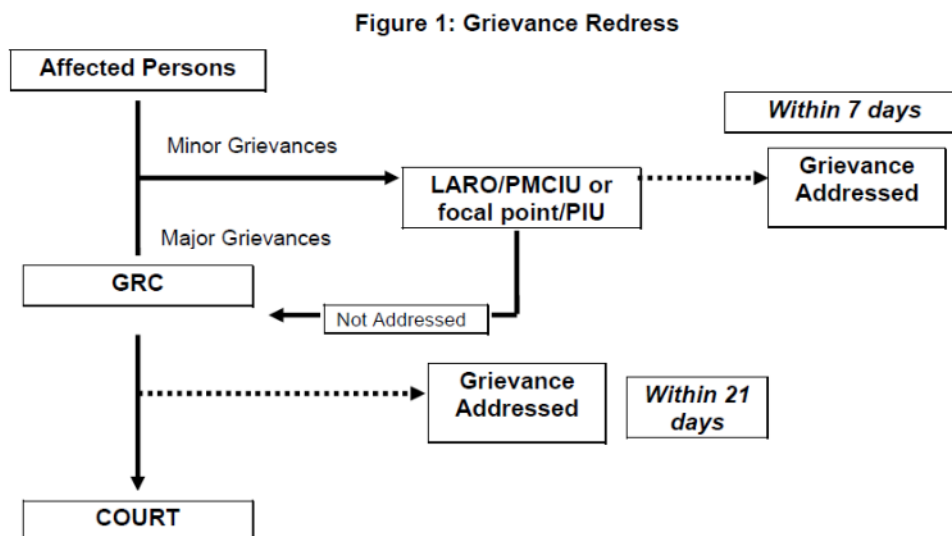
Activity: 1. & Common items								
		(iii)Post crack survey has been carried out		-	-	being complied with		
Employees attending work without wearing standard PPEs shall endanger occupational safety	(i)To provide standard PPEs (in correct size) to all employees	(i)To provide standard PPEs (in correct size) to all employees		Fair	To be continue	being complied with	Most of the employees attending work without wearing standard PPEs and Contractor advised to strictly implement the occupational safety	
		(ii)All employees are fully equipped with standard PPEs while attending work		Moderate	To be improved	being complied with		
		(i)Traffic management plan (TMP) is approved by the engineer		Fair	To be continue	being complied with		
Vehicle exhaust during traffic congestion at roadside construction shall cause atmospheric pollution	(i)To implement engineer approved traffic management plan	(ii)Warning boards, speed limits, barricades, luminous stickers, night signal lamps, are adequately provided where necessary as per approved TMP		Moderate	To be continue	being complied with		
		(iii)Safe temporary access, pedestrian passes, and road humps are adequately provided		Moderate	To be improved	being complied with		
		(iv)Traffic controllers are deployed as and when required		Moderate	To be improved	being complied with		
Construction waste scattered at sites, yards, and public moving areas shall endanger occupational/public health and safety.	(i)To provide construction waste collecting and disposal arrangement and to maintain regularly	(i)Construction waste collecting arrangement is implemented.		Fair	To be improved	being complied with	Construction waste as sand gives to society centers of the village according to request letters and most of the construction waste is deposited at the tower site of the Project.	
		(ii)Local authority permission is obtained for disposal yards.		Fair	To be improved	being complied with		
		(iii)Regular construction waste disposal arrangements are implemented		Fair	To be improved	being complied with		
		(iv)Disposal yards are regularly reinstated		Moderate	To be improved	being complied with		
		(v)Construction waste is not disposed at unauthorized locations		Fair	To be improved	being complied with		

			(vi) Construction waste is not scattered at sites, camps, and office premises	Fair	To be improved	being complied with	
Office waste/camp waste scattered around shall pollute surrounding environment	(i) To provide office/camp waste collecting and disposal arrangements		(i) Adequate garbage bins are provided at office/camp to collect segregated waste	Moderate	To be improved	being complied with	
			(ii) Waste segregation is introduced and implemented	Moderate	To be improved	being complied with	
			(iii) Waste is regularly collected by the local authority	-	-	being complied with	
			(iv) Waste is not scattered over the ground	Moderate	To be improved	being complied with	
Vehicles /machinery /trucks movement during construction without standard signals, warning alarms, helping assistants shall endanger occupational/public safety	(i) To deploy vehicles/ machinery/ trucks having standard signals, warning alarms (in working order) by employing qualified drivers/ operators with helping assistants		(i) All vehicles /machinery trucks deployed are fitted with standard signals, warning alarms and which are working order	Moderate	To be improved	being complied with	Most of the drivers of the heavy machinery and trucks came from out district in the country and Frequently check the approved staffs are working in sites. Inform MOH with details when contractor staff return from other districts and get relevant instructions from the health sector
			(ii) All drivers/operators are qualified, and no unqualified driver/ operator is deployed whatsoever	Moderate	To be improved	being complied with	
			(iii) Helping assistants are employed for all heavy machinery and trucks while working at sites	Moderate	To be improved	being complied with	

4. Public complains and Grievance Redress Mechanism

A project – specific Grievances Redress Mechanism (GRM) has been established to receive, evaluate, and facilitate the concerns, complaints, and grievances about the social safeguard’s performance as well as related to the environment and construction work.

The GRM will be made accessible to affected persons and capable of responding to a wide scope of issues so that affected persons can approach it easily with their diverse concerns including trace-related grievances, land acquisition and compensation-related grievances, construction-related grievances, and resettlement sites-related grievances. The institutional arrangements established to ensure effective management of the design, construction, and subsequent operation of the project infrastructure, include special provisions to enable affected persons to bring to the attention of the project authorities any dissatisfaction they may experience and to ensure that this is dealt with appropriately.



4.1 Implementing the GRM in packages for Jaffna MC and SWRO plant

GRM was established in the project area Vadamarachchi East DS Division on 11.11.2015 to provide information about project implementation at Thalaiyadi as it is large scale SWRO – the first ever sea water desalination plant in Sri Lanka. This committee supports in the resolution of grievances and disputes at the ground level during the implementation of the project. Also, this system helps to create the trust and confidence among community members that, this committee will provide them some platform for airing their grievances and seeking support in case of any negative impact on their livelihood because of the project. In the other divisions where the distribution works ongoing and for the future contracts also have the GRM. At the initial stage of the project formulation (JMC Package & SWRO) meeting were held in VE DSD and Jaffna DSD with GRC members. However, there is a long delay in awarding the contract and there is no physical works members requested to arrange GRC meeting after awarded the contract. Otherwise having just discussion is not worth.

The operations of the GRC related to the additional financing project will be as follows:

- Keep a feedback register and receive SWRO project related complaints, comments or suggestions from communities and relevant stakeholders.
- Review the feedback and take appropriate actions as soon as possible; and
- Seek to resolve an issue quickly, amicably, and transparently.

5. summary of key issues/concerns identified during the reporting period and remedial actions

No significant environmental issues were reported during the reporting period. All mitigation measures were applied as per the requirements of the EMP under supervision of PMCIU and PMU as noted under section three.

6 Health and safety protocols for the prevention of COVID-19

There is a special committee formed for monitoring health and safety in offices and sites by the Project Director. And the project director informed the following instructions to prevent staff of JKWSSP contracting with COVID-19.

Issues/Concerns	Action	Status	Responsible officer	Remarks
Transport facilities for the staffs	Transport facilities are given the staff within the Jaffna district including the Maruthankerni area. If any staff using public transport facilities, they must wear proper masks and gloves. Gloves need to be placed outside the office.	Ongoing	Manager	
Entrance to the PMCIU Office	Staff entering the office are advised to clean footwear. Staff should be clean footwear by Chlorinated Doormat carpet.	Ongoing	Office assistant and Security officer.	
	Staff requested to wash the hands properly and enter the office.	Ongoing	Security officer.	

Issues/Concerns	Action	Status	Responsible officer	Remarks
	Staff requested to wash the hands before use fingerprint and signing of attendance for daily attendances and also Staff requested to use sanitizer after fingerprint and signing of attendance	Ongoing	Office assistant and Security officer.	
	Staffs should wear a proper mask when they are in the office, if any staff do not to wear a mask, head of the section will take necessary actions	Ongoing	Office assistant and Security officer.	
Temperature measurement	At the entry point the temperature is checked and if high temperature (>37 Celsius) found then the officer is not allowed enter the office.	Ongoing	Security officer	
Meeting	<ul style="list-style-type: none"> • All members will use Zoom software to attend meetings. • Quality sanitizer and masks need to be provided 	Ongoing	Office assistant	
Contractor staffs	<ul style="list-style-type: none"> • Unless otherwise requested or needed only contractor staff could come to the office • Outside conference hall Space allocated for discussions. Registration of details – name, designation, working place,	Ongoing	Office assistant and Security officer.	

Issues/Concerns	Action	Status	Responsible officer	Remarks
	<p>telephone number</p> <ul style="list-style-type: none"> • Suggest working in separate groups. Engineer and relevant office staffs could work in the main office and respective EAs could work in site offices • Take precautions during a site visit. • Check the implementation of submitted health and safety arrangements in sites • Frequently check the approved staffs are working in sites. Inform MOH with details when contractor staff return from other districts and get relevant instructions from the health sector • Progress review meeting could be held with limited staffs in DN 2 conference hall 	Ongoing	DPD {D/CE/PE/one EA/ TL/Maximum two to three contractor personnel	
Detecting a suspected case at the workplace	<ul style="list-style-type: none"> • Staffs having fever, with or without acute onset respiratory symptoms such as cough, runny nose, sore throat and/or shortness of breath, necessary action will be taken to transfer the staff to the nearest government hospital, by ambulance. • Head take necessary action as the suspected staff should wear a mask and kept in isolation and all relevant precautions mentioned above to be taken to limit the spread of the disease, until 			

Issues/Concerns	Action	Status	Responsible officer	Remarks
	<p>transfer to hospital</p> <ul style="list-style-type: none"> • A specific isolation room arranged in the workplace in advance. • Staff have had contacts with suspected or confirmed case of Covid-19 for the last 14 days should not report for work with special leave. 			

7. Conclusion and Recommendations.

The implementation of EMP guidelines by the Contractors is observed and presently it is applied for all the packages. It is the main mechanism to minimize the environmental impact due to construction activities. The Contractors should always obey the EMoP guidelines as it clearly explains how to mitigate the environmental damages in the project sites. All the Contractors show their enthusiastic approach to Traffic Safety and Personal Safety activities throughout the reporting period. However, observations revealed that there were no significant environmental related issues emerged. All contractors were strictly advised to implement measures for prevention of COVID-19. All contractors were strictly advised to inform their employees attending work to wear standard PPEs to ensure occupational safety.

8. APPENDIXES

8.1Photos



Hand wash set up for prevention of COVID-19 – In front of Office -
20/04/2020



Disinfection process is ongoing for prevention of COVID-19 at the Office –



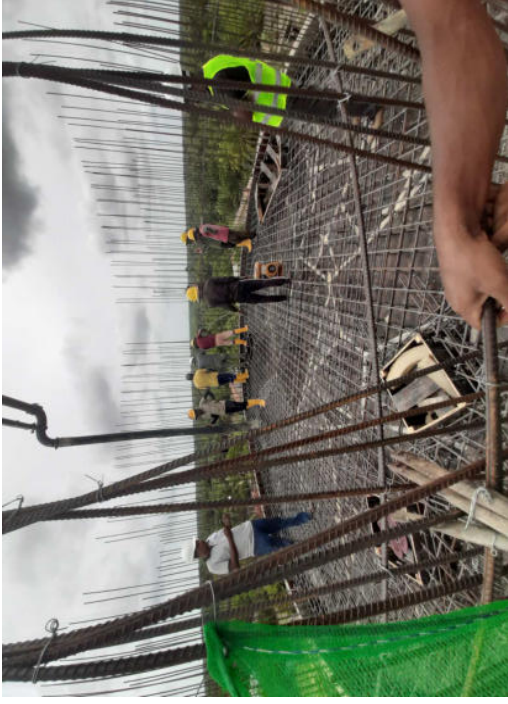
Disinfection process is ongoing at the Office – 12/5/2020



Towers construction work



All employees are provided with PPEs while going to the site at Analaitivu – 17/07/2020



All employees are fully equipped with standard PPEs while attending work at Pommaiveli -16/06/2020





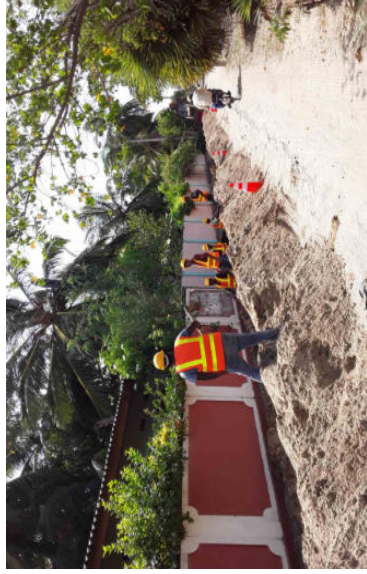
i. Pipe laying work at Pallai & Meesalai



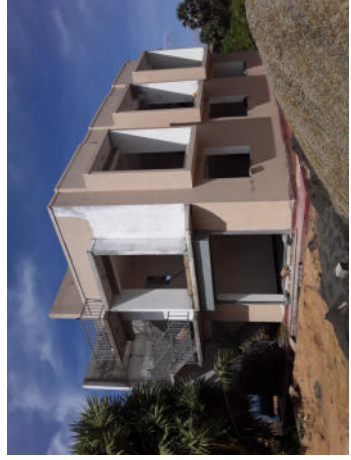
ii. Pipe Laying work at Kaddudai & Vaddukkodai



ii. Pipe laying work is ongoing at Navatkuli



iii. Building work is ongoing at Navatkuli, Poonakary and Karaveddy



Navatkuly Quarters



Navatkuly Store





Poonakary Quarters

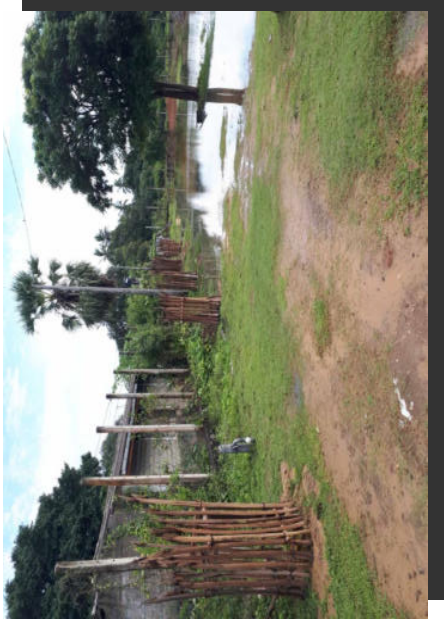
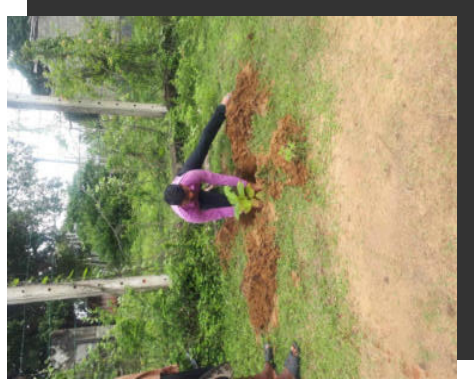


Karaveddy Quarters

iii. Replanting programme is ongoing at project sites

CONTRACT NAME: SUPPLYING AND LAYING OF TREATED WATER TRANSMISSION MAINS FROM PALAI WATER TREATMENT PLANT AND CONSTRUCTION OF TWO TREATED WATER SUMPS AT NALLUR AND MEESALAI

CONTRACT NO: PEIC/JKWSSP/TWTM/2013/01

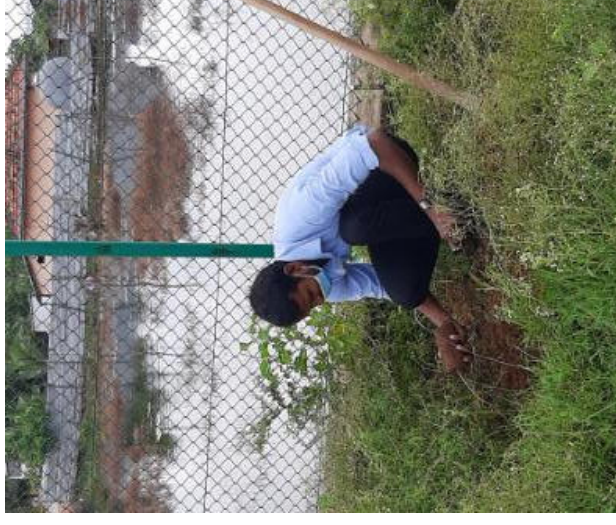
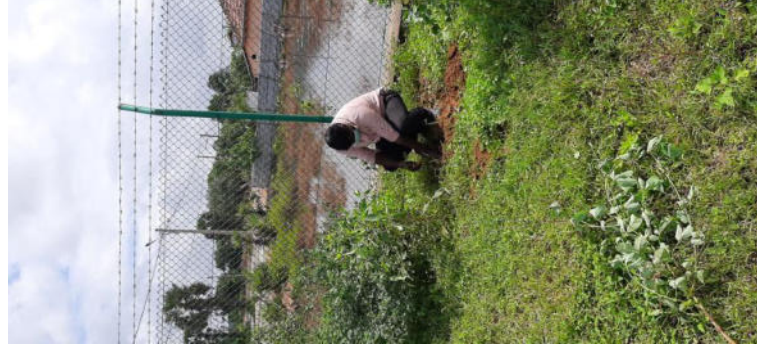


CONTRACT NAME:

SUPPLYING AND LAYING OF TREATED WATER TRANSMISSION MAINS AND CONSTRUCTION OF THREE TREATED WATER SUMPS AT KALLUNDAL, PUNGUDUTIVU AND POONAKARY

CONTRACT NO :

PEIC/JKWSSP/TWTM/2014/02



CONTRACT NAME: CONSTRUCTION OF WATER TOWERS AT POMMAIVELI, KARAVEDDY, NAINATHIVU, ANALAITHIVU AND ELUVAITHIVU

CONTRACT NO: PEIC/JKWSSP/WATER TOWERS/2017/01

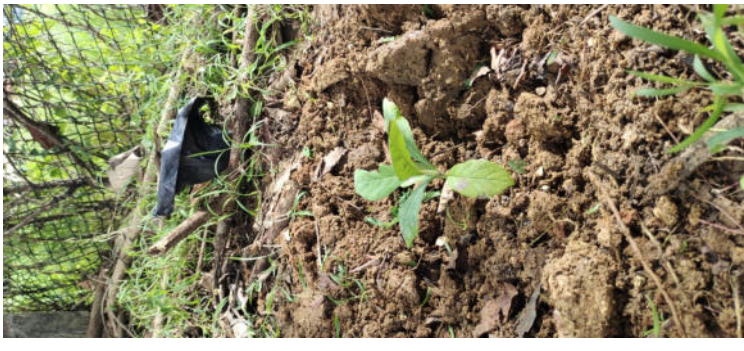
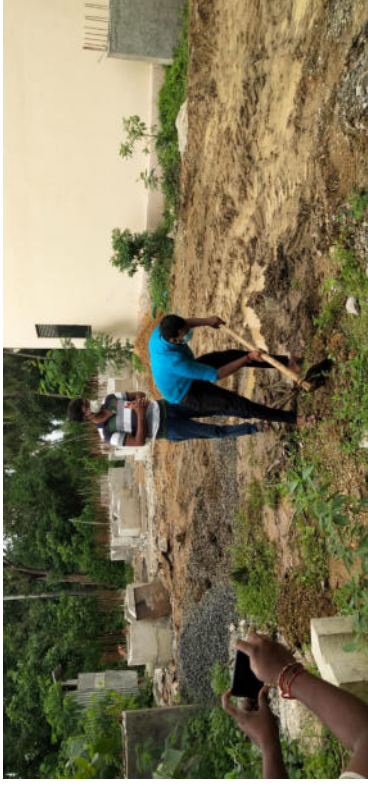


CONTRACT NAME :


JAFFNA-KILLINOCHCHI WATER SUPPLY AND SANITATION PROJECT SUPPLYING AND LAYING OF WATER DISTRIBUTION NETWORKS IN PALAI,KODIKAMAM, MEESALAI, POONAKARY, PUTTUR, NAWATKULI, KARAINAGAR, PUNGUDUTHIVU, VADDUKODDAI,KATTUDAI,NALLUR ZONES, JMC TRANSMISSION PIPELINE AND CONSTRUCTION OF OFFICE, STORES, QUARTERS AT VELANAI, KADDUDAI, NAWATKULI, POKKANAI, POONERY AND KARAVEDDY

CONTRACT NO:

PEIC/JKWSSP/NETWORK/2014/02



2. Request letters & Road cutting permit:- Pradeshiya sabha – Valikamam West



National Water Supply and Drainage

JAFFNA KILINOCHCHI WATER SUPPLY AND SANITATION

Project Director's office, MPCs Building (First Floor) 127, KKS Road
Tel: 021-2220256 Fax: 021-2220257 Email: pdjkwssp@gmail.com Web: www.nwsc.lk

My No. PD/JKWSSP/PMCIU/DN 02/81 Date: 12.03.2019

Chairman,
Valikamam South West Pradeshiya Sabha.


SUBJECT: REQUEST FOR SEEKING PERMISSION TO LAYING OF PIPE LINE AT PRADESIYA SHABAH ROADS.

SUPPLYING AND LAYING OF DISTRIBUTION NETWORKS IN PALAI, KODIK, POONAKARY, PUTHUR, NAWATKULI, KARAINAGAR, PUNGUDUTIVU, VADBUK NALLUR ZONES, JMC TRANSMISSION PIPELINE AND CONSTRUCTION OF QUARTERS AT NAVATKULI, KADDUDAI, VELANAL, POONERY, KARAVEDDY AND CONTRACT NO: PEIC/JKWSSP/NETWORK/2014/02


While thanking you for your support and assistance for the successful implementation of the above contract, we would like to bring to your kind attention that the above contract had been awarded to M/s. Construction Ltd and works shall be carryout from May 2019. Further details of pipe back filling and temporary or permanent reinstatement of trenches are annexed. View purview of Pradeshiya Sabha Roads.

Therefore, we are kindly requesting you to grant the permission for above laying pipeline accordingly.

Further, detail kindly contact Eng.T.Nirojan. Ph No: 0776660258 please.


Eng. S. Malathy,
Deputy Project Director (JKWSSP)
NWS&DB.

CC: Commissioner of Local Government : f.y.i.pls
Northern Province



வலிகாமம் மேற்கு பிரதேச சபை
වලිකාමම් බෙරේ ප්‍රාදේශීය සභාව
VALIKAMAM WEST PRADESHIYA SABHA

கழிபுரம் ஓலிபுரம் CHULIPURAM

உமது இல
கண எண்
Your No
எமது இல
கண எண்
My No
உமது இல
கண எண்
E-mail: valiwestos@gmail.com

எனது இல
கண எண்
NP/14/41(17)/Req/2019
நிகதி
திகதி
Date

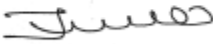
08.04.2019

PD's OFFICE - NWS & DB
RECEIVED
Date: 11 APR 2019
Signature: Eng. Nirojan
Time: 11:00
Action: C.E. Balendra

திட்டப்பணிப்பாளர்,
யாழ்ப்பாணம், கிளிநொச்சி நி வழுங்கல் மற்றும் ககாதார
தேசிய நி வழுங்கல் சபை.

சபை விநியோகங்களில் நிகழாய்கள் தாழ்ப்புறு தொடர்பானது

மேற்படி விடயம் தொடர்பான, தங்களுது PD/JKWSSP/PMCIU/DN02/83 ஆம் இலக்க
12.03.2019 ஆம் திகதிய கடிதம் சார்பானது.
தங்கள் கோரிக்கை தொடர்பான 15.03.2019 ஆம் திகதிய சபை கூட்டத்தில் 06 ஆம்
இலக்க நிமிர்மானத்திற்கு அனுமனாக குடிநீர் விநியோகமானது எமது பிரதேசத்திற்கு
அத்தியவசியமானது என்பதனால் சபையின் விநிகளுக்கு பாதிப்பு ஒற்படாத வகையில்
விதி அனுசாரமாக சபை தொழில்நுட்ப உத்தியோகத்தர்களின் ஆலோசனையின்
பிரகாரம் நி விநியோக குழாய்கள் நிலத்தில் புதைப்பதற்கு அனுமதிக்கப்படுகின்றது
என்பதனைத் தங்களுக்கு அறிப்பதற்குமின்றே.


த.ந.நேந்திரன்
தவிசாளர்
த.ந.நேந்திரன்
தவிசாளர்
வலிகாமம் மேற்கு பிரதேச சபை
எழுந்த

Ms proceed
and keep copy
at site
m

தொலைபேசி இல
தொலைபேசி
Telephone No } 021 225 0144
தவிசாளர்
கண எண்
Chairman } 021 225 2284
தொலைபேசி இல
தொலைபேசி
Fax No } 021 225 0144

3. Request letters & Agreement: - RDA & NWSDB.

මාර්ග සංවර්ධන අධිකාරිය
வீதி அபிவிருத்தி அதிகாரசபை
Road Development Authority

"සමසම මාර්ග", වර්ධන සංවර්ධන මාර්ග,
 සංවර්ධන, සංවර්ධන, සංවර්ධන.
 "සමසම මාර්ග" සංවර්ධන සංවර්ධන,
 සංවර්ධන, සංවර්ධන, සංවර්ධන.
 "සමසම මාර්ග", සංවර්ධන සංවර්ධන,
 සංවර්ධන, සංවර්ධන, සංවර්ධන.

General Manager
 National Water Supply & Drainage Board
 Galle Road,
 Rathmalana.

RECEIVED
 12 FEB 2019

REQUEST FOR SEEKING PERMISSION TO SUBMIT A BANK GUARANTEE FOR MAINTENANCE PERIOD

NAME OF WORK: SUPPLYING OF LAYING OF DISTRIBUTION NETWORKS IN PALAI, KODIKAMAM, MEESALAI, POONAKKARI, PUTHUR, NAWATKULI, KARAINAGAR, PUNGUOUTHU, VADUUKKODAI, KATTUVAL, NA ZONES, JMC TRANSMISSION PIPELINE AND CONSTRUCTION OF OFFICE/STORE, QUARTERS AT VEU KADUDDAI, NAWATKULI, POKKANAI, POONAKARI AND KARAVEDDY

CONTRACT NO: PCIC/JKWSPP/NETWORK/2014/02

Reference to your letter No: PD/JKWSPP/PMCIU/DN02/049 dated 22nd January 2019 on the above

It has been requested by the Chief Engineer (RDA), Jaffna, by his letter No: RDA/CE/J/W/42 of 17.09.2018 (Copy attached) to make the payment of Rs.67,487,892.21 for the execution of the work whereas 5% supervision charges Rs. 22,495,964.07 and 10% refundable deposit Rs. 44,991,927.14

With the past experience, RDA has decided to get the supervision charges and the refundable de before the commencement of the work.

Therefore, you are requested to deposit the sum of Rs. 22,495,964.07 and to submit a Bank Guar for Rs. 44,991,928.14 as a refundable deposit, in advance to grant permission to carry out the work

Eng. K. Amarasekera
 Director General
 Road Development Authority

Copy to: 1. Director (MM) - RDA
 2. Provincial Director (NP) - RDA
 3. Chief Engineer (Jaffna) - RDA

Telephones:
 Chairman 2862767, Director General 2862795, Working Director 2862757, General Number ++94-11-2046200
 Additional Director General (Projects) 2862485, AOM 2864804, CD 2862194, NP 2860923
 Directorates (Administration 2865245, Construction 2864388, Engineering Services 2864803, E&M 036-2281373, ESD 2
 Finance 2864799, Highway Design 2874024, Internal Audit 2872601, Lands 2860395, Legal 2188044, Mechanical 2
 MM 2862195, Planning 2862895, Procurement 2860963, QA&PM 2867235, R&D 2832648, Rural Bridges 2823896, Training 2860963

National Water Supply and Drainage Board
JAFFNA KILINOCHCHI WATER SUPPLY AND SANITATION PROJECT
 Project Director's office, MPCs Building (First Floor) 127, KKS Road, Jaffna
 Tel: 021-2220256 Fax: 021-2220257 Email: jkwspp@gmail.com Web: www.jkwspp.org

My No: PD/JKWSPP/PMCIU/DN02/049 Date: 08th June 2019

General Manager
 Through: Addl GM (WSP) / DOM (ADB) /

SUPPLYING AND LAYING OF DISTRIBUTION NETWORKS IN PALAI, KODIKAMAM, MEESALAI, POONAKKARI, PUTHUR, NAWATKULI, KARAINAGAR, PUNGUOUTHU, VADUUKKODAI, KATTUVAL, NALLUR ZONES, JMC TRANSMISSION PIPELINE AND CONSTRUCTION OF OFFICE/STORE, QUARTERS AT VELANAI, KADUDDAI, NAWATKULI, POKKANAI, POONAKARI AND KARAVEDDY

CONTRACT NO: PCIC/JKWSPP/NETWORK/2014/02

SUBJECT: Signing of Agreement between NWSDB and RDA

This is in reference to the above mentioned Contract;

We hereby forwarding the agreement (3 copies) between NWSDB and RDA for laying pipeline in the RDA roads under the above Contract for getting signatures from Chairman, NWSDB and Vice Chairman, NWSDB please.

Eng. T. Barathidasan
 Project Director - JKWSPP
 NWSDB

RECEIVED
 24 JUN 2019

Action: Eng. N. Rajan / J. J. J. J.

AGREEMENT BETWEEN
ROAD DEVELOPMENT AUTHORITY
AND
NATIONAL WATER SUPPLY & DRAINAGE BOARD

This agreement is made and entered into this 13th day of June 2019 in the Democratic Socialist Republic of Sri Lanka.

BY AND BETWEEN

Road Development Authority, a Corporation incorporated under the Road Development Authority Act. No. 73 of 1981 of Sri Lanka and having its principal office at "Sethairipaya" Battaramulla, (hereinafter called and referred to as the "RDA" and which term or expression shall mean and include the said "Road Development Authority" or its successors and permitted assigns of the one part.)

AND

National Water Supply & Drainage Board, a corporate body duly established under the provisions of the National Water Supply & Drainage Board Law - No. 02 of 1974 of Sri Lanka and having its Head office at Galle Road, Rathmalana, Colombo. (Hereinafter called and referred to as "NWS&DB" and which term or expression shall mean and include the said "National Water Supply & Drainage Board" or its successors and permitted assigns of the other part.)

It has become necessary to make provision for reinstatement of excavated section of the under mentioned RDA road to the entire satisfaction of RDA due to the trenching works undertaken by the NWS&DB in respect of laying water supply pipes by the NWS&DB.

No	Name of the Road	Distance (m)
1	AB 18 - Palali Road	5,876
2	A 20 - Jaffna Point Petro Road	9,458
3	AB 14 - Manipai Keerimalai Road	3,219
4	AB21 - Jaffna Ponnalai Road	1,189
5	B230 - Kokuvil Vaddukodai Road	1,920
6	B 170 - Kadduvan Mallakam Road	690
7	B 437 - Vallai Thellipalai Road	5,388
8	B192 - Kaluthaipaddi Road	128

5. Construction Materials Transport – District Secretariat & Police

දිස්ත්‍රික් ලේකම් Government Agent District Secretary දිස්ත්‍රික් ලේකම් Telephone } 021-222 2233 021-222 2234 021-222 2235 Fax } E-mail: gajaffna@slnet.lk 021-222 2235 If/ADM/Board/NWS&DB/09/25/2019 My No.	 දිස්ත්‍රික් ලේකම් කාර්යාලය, යාපනය. மாவட்ட செயலகம், யாழ்ப்பாணம். District Secretariat, Jaffna. RD's OFFICE - NWS & DB RECEIVED Date: 12 AUG 2019 Signature: S.No: 2409 Time: Action: CE - Valendara Eng. Nirojan See biologist	දුරකථන අංක } 021-222 2233 021-222 2234 09.08.2019 Your No.
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Deputy Inspector General of Police,
DIG Office,
Jaffna.

Transportation of construction materials (Gravel) from Puthur Junction Yard to Working Sites

This has reference to the letter PD/JKWSPP/MCIU/DN 02/ 190 dated on 30/07/2019 of National Water Supply and Drainage Board on the above subject, (copy of letter is annexed)

The pipe laying works are going on at Puttur, Kodikamam, Navatkuli, Meesalai and Chavakachcheri area by M/s SIERRA Construction Ltd and the contractor need to back filling the excavated pipe trench in some places especially in RDA roads. The constructor stored quantity of gravel at yards mentioned in annexed letter and need to transport based on daily basis or time to time where the works are going on. The details of vehicle involved in transportation and the contractor's working programme are attached for your reference

Hence, I shall be very much thankful, if you could facilitate for smooth movements of materials to working sites for the timely completion of project please.

Your corporation in this regards will be highly appreciated.

N.Vethanayahan,
Government Agent/District Secretary,
Jaffna District.

Copy: Project Director, JKWSPP - NWSDB - f.i.pl

N. VETHANAYAHAN
GOVERNMENT AGENT
DISTRICT SECRETARY
JAFFNA DISTRICT

6. Consent letter – individual person

Translation.

S.Chandrakumar (Contact No: 0779532188)
A9 Road
Pallai.

Project Director,
Jaffna Kilinochchi Water Supplies and Sanitation Project,
National Water Supplies & Drainage Board,
Jaffna.


Declaring consent for laying Drinking Water Pipe.

I hereby declare my consent for laying drinking water pipes in front of my house/shop (6M to 7M from the centre of the Road) as part of the activities undertaken to lay drinking water pipes under the Jaff-Kilinochchi Water Supply and Sanitation Project of the National Water Supplies and Drainage Board and request that if any damages are caused to my ~~Shop Building/ House/boundary wall/ fence~~, to make them good to the previous condition.

Thank You.

Sgd. S.Chandrakumar.

Translated by me.


V.F.JOSEPH
Sworn Translator
English - Tamil
No.27, Our Lady of Mirado's East Road,
Kurunagar, Jaffna.
23/7/2019

Translation.

Y.Kokilakumar (Contact No: 0772863668)
Ambal Kade,
A9 Road
Pallai.

Project Director,
Jaffna Kilinochchi Water Supplies and Sanitation Project,
National Water Supplies & Drainage Board,
Jaffna.

Declaring consent for laying Drinking Water Pipe.

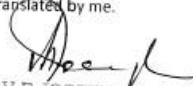
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Thank You.




Sgd. Y.Kokilakumar.

Note : Consent is being expressed for Pillaiyar Kadai also.

Translated by me.


V.F.JOSEPH
Sworn Translator
English - Tamil
No.27, Our Lady of Mirado's East Road,
Kurunagar, Jaffna.
23/7/2019

7. Environmental Clearance for Construction of towers and Supply and laying of pipes for water distribution network – CEA

ඔබේ ලේඛන අංකය (Your Ref.) ඔබේ ලේඛන අංකය (Our Ref.) දිනය (Date)	මධ්‍යම පරිසර අධිකාරිය மத்திய சுற்றுமடல் அதிகாரசபை Central Environmental Authority "පරිසර පියස", 104, දෙන්සිල් කොබ්බෑකොටුව මාවත, වත්තරමුල්ල, ශ්‍රී ලංකාව. "Parisara Piyasa", 104, Denzil Kobbekaduwa Mawatha, Wattaramulla, Sri Lanka. Web : www.cea.lk Northern Provincial Office, Jaffna, T.P : 0212224050																						
15.07.2014	Project Director, JKWSSP, Jaffna.	PD's Office, NINES DP RECEIVED 15 JUL 2014 (E4) JKWS & SP, Jaffna																					
<p>Construction Of Water Towers at Puttur, Meesalai, Poonakari, Navatkaly, Kaddudai, Velanai and Mandaitivu (Package1) and Supplying and Laying of pipes of Water Distribution network in Kayts Velanai and Mandaitivu.</p> <p>Reference to your letter No: PD/JKWSSP/PMCIU/CEA, dated 16.06.2014 on the above subject;</p> <p>I kindly inform you that the construction of water towers and laying of pipes for water distribution is not a prescribed activity. Therefore, the Environmental Recommendation of Central Environmental Authority is not necessary.</p> <p>Thanking you,</p> <p> Actg. Deputy Director, Central Environmental Authority, Northern Provincial Office, Jaffna.</p> <p>Actg. Deputy Director Central Environmental Authority NORTHERN PROVINCIAL OFFICE Jaffna.</p>																							
<p style="text-align: right;">  P. G. R. K. K. K. K. N/A E </p>																							
<table border="1"> <tr> <td>Chairman</td> <td>Tel : 2872361, 2872348 Fax : 2872347</td> <td>Director General</td> <td>Tel : 2872299 Fax : 2872608</td> <td>Gen. Office</td> <td>Tel : 2872278, 2873447, 2872277-288, 2872448 Hot Line : 2888999</td> <td>Media Unit : 2873449</td> </tr> <tr> <td>Deputy Director General</td> <td>HEO, Admin & Finance Division Tel : 2863296 Fax : 2872303</td> <td>Envt. Pollution Control Division</td> <td>Tel : 2873435 Fax : 2872803</td> <td>Envt. Mgt & Assess. Division</td> <td>Tel : 2872388 Fax : 2872926</td> <td>Envt. Edu. & Awareness Division Tel : 2872267 Fax : 2873406</td> </tr> <tr> <td>Director</td> <td>2872667 (Admin) 2872301 (HRD), 2872580 (Finance) 2872660 (Admin), 2863944 (Finance)</td> <td>2873452 (IPC), 2872806 (L&D) 2862335 (R&M)</td> <td>2872346 (HRM), 2878643 (EIA) 2867363 (R&D)</td> <td>2867366 (EEA) 2872669</td> <td>2872604 (Legal) (Western Province) Tel : 2862631 Fax : 2862693</td> <td></td> </tr> </table>			Chairman	Tel : 2872361, 2872348 Fax : 2872347	Director General	Tel : 2872299 Fax : 2872608	Gen. Office	Tel : 2872278, 2873447, 2872277-288, 2872448 Hot Line : 2888999	Media Unit : 2873449	Deputy Director General	HEO, Admin & Finance Division Tel : 2863296 Fax : 2872303	Envt. Pollution Control Division	Tel : 2873435 Fax : 2872803	Envt. Mgt & Assess. Division	Tel : 2872388 Fax : 2872926	Envt. Edu. & Awareness Division Tel : 2872267 Fax : 2873406	Director	2872667 (Admin) 2872301 (HRD), 2872580 (Finance) 2872660 (Admin), 2863944 (Finance)	2873452 (IPC), 2872806 (L&D) 2862335 (R&M)	2872346 (HRM), 2878643 (EIA) 2867363 (R&D)	2867366 (EEA) 2872669	2872604 (Legal) (Western Province) Tel : 2862631 Fax : 2862693	
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28 හා 29 වැනි පිටුවන් මගින් අවසන් වේ අනුමැතිය ලබාදීම සඳහා ප්‍රකාශයක් පළ කළ යුතුය Ministry of Environment and Renewable Energy																							