

### OFFICE OF THE GENERAL MANAGER WATCO DIVISION-II, UNIT-V, BHUBANESWAR

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No. <u>431</u> / Dated:- 4 7 19

To

The Managing Director, WATCO Odisha, Bhubaneswar.

Sub: -

Submission of project outcome certificate under AMRUT work "Independent Water Supply to Different Areas Under P.H. Division- I, Bhubaneswar. (AMRUT/OD/BHUBANESWAR/ WS/43)".

Sir,

In inviting a kind reference to the above subject, I am submitting herewith the project outcome certificate for the work "Independent Water Supply Different Areas Under P.H. Division-I, Bhubaneswar. (AMRUT/OD/BHUBANESWAR/ WS/43)" as per prescribed format.

This is for favour of your kind information and necessary action.

Yours faithfully, Enc:- As above - 1 set; General Manager, WATCO Division-II, Bhubaneswar Memo No. 432 /Dated. Copy submitted to the Director (Operations) WATCO, Odisha, Bhubaneswar for favour of kind information and necessary action. Enc:- As above - 1 set General Manager, WATCO Division-II, Bhubaneswar. Memo No. 433 /Dated. Copy with copy of enclosure submitted to the Engineer-in-Chief, P.H. Odisha, Bhubaneswar/ Superintending Engineer, P.H. Circle, Bhubaneswar for kind information & necessary action. Enc:- As above - 1 set General Manager, WATCO Division-II, Bhubaneswar Memo No. 131 /Dated. Copy with copy of enclosure forwarded to WATCO Sub Division, H.L. Tank/ Old Town, BBSR for information and necessary action. Enc:- As above - 1 set General Manager,

WATGO Division-II, Bhubaneswar

2						
Project Code			(AMI	RUT/OD/BHUBANE	SWAR/M	19/43)
			Compone ed in by P	ents	OWAIN	13143)
Intake (dia. & Cap. In M	(LD)	(10 00 1111	CO III DY I	TILO)		
WTP (Cap. In MLD)						
Production well (Nos. & Cap. In ML)						
Storage ESR (Nos. & Cap. In GSR (Nos. & Cap. In	ML) ML)			-		
Distribution network (length in Km)		Megheswar Jharana Sa	r Colony (		n dia <b>0,194</b> Omm dia=	- KM -1.006KM
(F	Pre & post target to	O be entered b	utcome by PHEO i	n sync. With monito		
Description	Pre Impleme			plementation Target	Post Im	nplementation Actual erified & recorded b the team)
Increase in Supply Quantity (LPCD)	Nil			135		135
Storage (ML)						
Increse In Supply Duaration (Hrs)	Nil			0.3		0.3
Household Coverage In project area	Jharana Sahi(P)= Megheswar Colon			62 16		62
Equity & Adequacy				10		16
(Adequate quantity reach	nes last house in tai	il end)	Yes No			ease Tick the oproprite box
Computation of L	.PCD= (Daily Quan	tity Supplied	to project	area in ltr)/(total por	oulation in	project area)

Certified that the above project has been complted and put to service. The information provided herein are correct to best of our knowledge

## Signature, Name & Designation

Addi. Project Director (Technical) Collectors Representative	Goutam roge 138R.  PHEO Representative
	Addl. Project Director (Technical)

Note: This cerification cannot be treated as confirmation or approval of execution quantity.

Project Code			(AMRUT	OD/BHUBANES	SWAR/WS/43)
ar E			Components		49.1
		to be fille	d in by PHE	0)	
Intake (dia. & Cap. In MLD)					
WTP (Cap. In MLD)					
Production well					
(Nos. & Cap. In ML)					
Storage					
ESR (Nos. & Cap. In M				-	
GSR (Nos. & Cap. In N					
Distribution network			r Patna (Par	,,	dia 1.325 KM
(length in Km)	Hat	iasuni (F		150mm	n dia= <b>0.247</b> KM
(Pr	e & post target to be e		utcome v PHEO in s	vnc. With monitor	ring tool)
Description	Pre Implementa	tion	Post Impler	mentation Target	Post Implementation Actual (to be verified & recorded between the team)
Increase in Supply	Nil	***************************************	,	125	105
Quantity (LPCD)	INII			135	135
Storage (ML)					
Increse In Supply Duaration (Hrs)	Nil			0.45	0.45
Household Coverage In	Brahmeswar Patna(P	)=65/0		65	65
project area	Hatiasuni (F)=27/6			21	27
Equity & Adequacy			Yes		Please Tick the
(Adequate quantity reach	ies last house in tail er		No I to project a		approprite box

Certified that the above project has been complted and put to service. The information provided herein are correct to best of our knowledge

#### Signature, Name & Designation

Principal Dies 101=12 o porator, Ward No-58 Councillor (s)	Pall tologies	Addi. Project Director	Asal thus
Councillor (s)/ Corporator (s)	Commissioner's/Executive Officer's represent	(Technical) Collecteris.Reptesentative	PHEO Representative

Note: This cerification cannot be treated as confirmation or approval of execution quantity.

Ject Code			(4115)		
Project			UT/OD/BHUBANES	SWAR/WS/43)	
		Componen			
Intake (dia. & Cap. In MLD)		(to be iii	ed in by PH	=0)	
WTP (Cap. In MLD)					
Production well				· · · · · · · · · · · · · · · · · · ·	
(Nos. & Cap. In ML)				***************************************	
Storage					
ESR (Nos. & Cap. In ML)				-	
GSR (Nos. & Cap. In ML)					
Distribution network			<del>, , , , , , , , , , , , , , , , , , , </del>		
(length in Km)			Sriram N	agar (Partly) - 100r	mm dia 0.492KM
_			Outcome		
(Pre	& post target to I	pe entered	by PHEO in	sync. With monitor	ing tool)
Description	Pre Impleme	entation	Post Impl	ementation Target	Post Implementation Actual (to be verified & recorded by the team)
Increase in Supply Quantity (LPCD)	Nil		,	135	135
Storage (ML)	IL) ——			And the second second	
Increse In Supply Duaration (Hrs)	Nil			1/2 Hr	1/2 Hr
Household Coverage In project area	50/5			45	45
Equity & Adequacy (Adequate quantity reaches	last house in tai	l end)	Yes		Please Tick the approprite box
* Computation of LPC	D= (Daily Quan	tity Supplie	d to project	area in ltr)/(total po	pulation in project area)

Certified that the above project has been complted and put to service. The information provided herein are correct to best of our knowledge

Signature, Name & Designation

(B. N. Mohasu Corporator Ward Bhubaneswar Municipal Biranchi Narayan Mahasupakar Cor- 59	No-59	Addi. Project Director (Technical)	Nursingha Charan Sahu (A.E)
Corporator ward no - 59 BMC	Commissioner's/Executive Officer's represent		Asst.Engineer P.H.Section Bhuasuni,Mulapadia,Old Town,BBSR

Note: This cerification cannot be treated as confirmation or approval of execution quantity.

Assistant Engineer
P.H. Sec. Mutapadis
Old Town, Bhubaneswar

ject Code		(AMRIIT/OD/DIVIDAN	
Proje		(AMRUT/OD/BHUBAN ect Components	ESWAR/WS/43)
Intake (dia. & Cap. In MLD) (to be f		filled in by PHEO)	
WTP (Cap. In MLD)	D)		
Production well			
(Nos. & Cap. In ML)			
Storage			
ESR (Nos. & Cap. In MI			
GSR (Nos. & Cap. In M	_)		
Distribution network	<u></u>		
(length in Km)			
0 1 1 1 1 1 1 1		Bhimatangi (Partly) 100	
(D==	0	Bhimatangi (Partly) - 100n Outcome	nm dia 0.527KM
(FIE	& post target to be entered	Outcome  by PHEO in sync. With monitor	
		Syrie. With Monitor	ing tool)
Description	Pre Implementation	Post Implementation Target	Post Implementation Actua (to be verified & recorded by
Increase in Supply			the team)
Quantity (LPCD)	Nil	135	
Ctorrow		133	135
Storage (ML)			
ncrese In Supply			
Duaration (Hrs)	Nil	1/2//	
dousehold Coverage In		1/2 Hr	1/2 Hr
roject area	40/9		
quity & Adequacy		31	31
Adequate quantity reaches I	ast house in the	Yes	
Adequate quantity reaches last house in tail end)  * Computation of LPCD= (Daily Quantity Supplied  Sertified that the above project has be			Please Tick the

Certified that the above project has been complted and put to service. The information provided herein are correct to

# Signature, Name & Designation

Anita Rani Mohanty Smt. Anitarani Mohanty Cor- 61 Corporator ward no - 61 ANITAR BMOMOHANTY Ward No-51 Corporator B. M. C	Commission Landson	College Representative	Nursingha Charan Sahu (A.E)  Asst.Engineer P.H.Section Bhuasuni,Mulapadia,Old Town,BBSR
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Note: This cerification cannot be treated as confirmation or approval of execution quantity.

P.H. Sec. Mulapadia Old Town, Ehubanes was

#### PROJECT OUTCOME CERTIFICATE

Name of Project -		ipply to Different Are OD/BHUBANESWAR/WS/	as Under PH Division-l 43)
Project Code -			
	Project Con	nponents	
	(to be filled in	n by PHEO)	
Intake (dia. & Cap. in MLD)			
WTP (Cap. In MLD)			
Production Well (Nos. & Cap. In ML)			
Storage			
ESR (Nos. & Cap. In ML)			
GSR (Nos. & Cap. In ML)	0.2 ML - 1 No.		
Distribution Network (Length in Km.)	100mm dia 150mm dia 1.36 Km. 0.48 Km.	200mm dia 0.61 Km.	
	Outco	ome	
(Pre&po	ost target to be entered by P	HEO in sync. with monitoring	
Description	Pre Implementation	Post Implementation- Target	Post Implementation- Actual (to be verified & recorded by the team)
Increase in Supply Quantity (LPCD*)	70 lpcd	156 lpcd	
Storage (ML)	0 ML	0.2 ML	
Increase in Supply Duration (Hrs)	0.5 Hour	1.5 Hour	
	(Enter Total No. of houses in the project area & existing connections if any)	(Enter Targeted No. of New Connections)	(Enter Actual No. of New Connections)
Equity & Adequacy (Adequate quantity reaches I		Yes √ No	Please Tick the appropreate box

Certfied that the above project has been completed and put to service. The information provided here in are correct to best of our knowledge.

Signature, Name & Designa	ition		
1/coltinans	8 957818	22.3.18	
Corporator Ward No-46	Deputy Commission Comm	Collecter (machinical)	PHEO Representative
Assistant Engineer PH Section Spring Tank, Bhubaneswar	Dy.Executive Engineer, PH Sub-Division H.L.Tank, Bhubaneswar	Executive Engineer, PH Division-I, Bhubaneswar	

Note: -This Certification can't be treated as Confirmation or Approval of execution quantity.