







PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAH

Format No	: KPIL/232221F/0000	REQUI	EST FOR INSP	ECTION (PE	N THOU	ECIEIAH
Contractor	12/2022217/0000			H/KPIL/		at to
Goittractor	Name: Kalpataru Projects I	International Lin	nited		OA No. 35634A	5/05/2624
					LOA No- 3563/W	-25 (Aligarh)/20 07.01.2022
District:		Block: S	Location of V	Vork		1,01,2022
Following c	ivil items are ready for i	inspection	akit		Scheme:	M.1 . 1) P.
1	Tube Well		avation	Dat		Moball for
Shuttering	Brick Work		-	PCC		RO
Rising Main	Backfilling		er Work	Painting		Stand Post
HDPE Pipeline		M	I.S. Wicket Gate/	Window [ini	
		rs	1.0		1111	erlocking Tile
Instrumentation	hanical, Electrical, C&I iten	ns are ready for	inspection:			
Pump Set	vveiding		lives	Chala D	Date :	
Lighting	Stabilizer	F	Panne	Chain Pully		DG Set
	EMF Meter	And in concession in concessio	Level / Pressure	Sloar	- C	normating Plan
Earthing cable Work Descript	Starter	P	iping- DI () Hor	ransmitter	0	RTU
TOTA Descript	Λ		iping-DI()HDF	E()MS()	MDPE()	Others
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	* Peg	grarel Ra	121/2			
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1	* LPM		-550L	Pm		
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Submitted By			10:00 Am			7.1
TPI (Aarvee)	id an Mah	Date 5	05/2024 Time	5:00Pm	Sign Q	
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Recieved By		Date 6 S	104 -			
Comments:		- 910	24 Time		Sign (1911)	
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PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAK

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The state of the s	KPIL/232221F/0		RFI no: JJI	W/ETAH/KPI	L/ Date	1/05/2024
Contractor Nan	e: Kalpataru Proj	ects Internation	nal Limited	0 50	LOA No- 3563	3/W-25 (Aligarh)/2021 07.01.2022
District:	FIX	- I		n of Work		07.01.2022
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SBC [Tube We				Date:	Chhaireny
Shuttering [Excavation		PCC	Chinacking
Rising Main	Brick Work		Plaster Work	Pa	ainting	Stand Post
_	Backfill	ing	M.S. Wicket	Gate/ Window	v 🗔	Interlocking Tile
HDPE Pipeline		Others	. 0			meriocking file
Following Mechar	nical, Electrical, Ca	&I items are rea	ady for inspection);	D	
instrumentation	We	elding	Valves		Date :	
Pump Set	Stabili	zer	Pannel	7	Sloar	DG Set
Lighting	EMF Me	eter	- Interested	essure Transn		Chlorinating Plant
Earthing cable	Starter				MS()MDPE()	RTU
Nork Description	1:	1116 10 08		71.01-1	MO () MDPE ()	Others
	Da	ining WOSIL				
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n Date : 🔊 🗐			10 - 110m Se - 500m 10 097/15) His charge as	per DVZ-55
^	5/2021	,	Time : 8 : 00 An	n		per DPZ-550
ubmitted By		,	11			
ubmitted By PI (Aarvee)	5/2021	Date	Time: 8: 00 An	n		
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KALPA-TARU architects engineers & consultants put. Ital.





QUALITY MANAGEMENT SYSTEM

Format No:

KPTL/232221F/00023

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S	TA	3		A	

PROPOSED ASSEMBLY DETAILS

Block- Sakit

GP- Chhackhena and probations Chhackhena

SL.	DPR Details -	
	Lowering Date - 06/05/	2024
1	Water Discharge in LPM -	550
2.	Bore well Drilling dia-	500mmg
3.	Bore well Drilling depth-	110h

LOGGING REPORT

.1.	16	6.01	5.51.
	15	6.00	
	14	6.02	-11.51 -17.53
	13	6.03	23.5(
	12	5.99	29.55
	n I	5.98	35.53
	10	6.00	41.53
	9	6-01	47.54
-	8	6.01	53.5
	7	5.95	59.5
	6	6.01	65.51
	5	6.02	71.53
	4	5.97	
	3	598	77.5
	2	6.02	83.48
	y	6.00	95.50

Dep			5/2024
SL.	Depth Range	Thickness	Remark;
L	42-50	8m	1661
2	59-74	15m	
3	76-93	ITM	
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Total	al Assembly	for Lowering	f24.036 m
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Prop 1. 30 2. 20 3. 20 3. 30 7. M	osed Assembly Oomm dia MS Pl Oomm dia MS Si Oomm dia LCG P Oomm dia LCG P	for Lowering ain Pipe- ain Pipe 7 otted Pipe- 9 ipe - 6 Reducer -	1.97 m 14.030 m
To-6	Assembly Domm dia MS Pl Domm dia MS Sl Domm dia LCG P DO/200 mm dia I IS Bail Plug- IS Ring 300mm-	for Lowering ain Pipe- ain Pipe 7 otted Pipe- 9 ipe - 6 Reducer -	1.97 m 14.030 m
Total . 30	osed Assembly Domm dia MS Pl Domm dia MS Si Domm dia LCG P DO/200 mm dia I IS Bail Plug- IS Ring 300mm- IS Ring 200mm-	for Lowering ain Pipe- ain Pipe 7 otted Pipe- 9 ipe - 6 Reducer -	1.97 m 14.030 m
Total 20 1 20 20 20 20 20 20 20 20 20 20 20 20 20	osed Assembly Domm dia MS Pl Domm dia MS Sl Domm dia LCG P DO/200 mm dia I IS Bail Plug- IS Ring 300mm- IS Ring 200mm- ISSI Clamp-	for Lowering ain Pipe- ain Pipe 7 otted Pipe- 9 ipe - 6 Reducer -	1.97 m 14.030 m 101
Total Property of the Control of the	Josed Assembly Domm dia MS Pl Domm dia MS Sl Domm dia LCG P DO/200 mm dia I IS Bail Plug- IS Ring 200mm- IS Ring 200mm- ISSI Clamp- Centre Guide -	for Lowering ain Pipe- ain Pipe 7 otted Pipe- 9 ipe - 6 Reducer - 6	1.97 m 14.030 m 101

CLIENT (UPIN)

Lowering work executed as per assembly chart.

No. zone Toshif

G.P.: chhackheng and mubanik pur chhackhang.

Block : Sakit

District: &AL

Required: 550 LPM

300mm dia Plain Pipe

200mm dia Plain Pipe

: 40

200mm dia Slotted Pipe : 24

Streta:-

42-50 -> 08MH

76-93 > 17MK

6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00 0282 71.50 6.00 77.50 6.00 6.00 6.00

300mm dia Plain Pipe : X

300X200 mm Reducer : X : 72.00 mt 200mm dia Plain Pipe

24.00 mh 200mm dia Slotted Pipe:

Total

: 96.00 mH

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MUBARAKPUR, BLOCK- SAKIT, DISTT- ETAH UNDER JAL JIVAN MISSION

Introduction:

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 107 mtrs. at above site. Was drilled by M/s Kalpataru Power Transmission limited, Etah.

On the request of M/s Kalpataru Power Transmission limited, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 02.May.2024.

Logging Para meters - Self potential, short normal (N16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 16.09 Ohms.

Drilling Water Resistivity = 17.22 Ohms.

Approx Water Level = 6 Mtr.

S.No.	Depth range(m)	Thickness(m)	Tion 1	
		(III)	Lithology	Expected Water
1.	0 - 5	5		Quality
2.	5 - 10	5	Surface soil	Vanity
3.	10 - 13		Fine sand	
4.	13 - 20	3	Clay kankar	
5.	20 - 35	7	Fine to Medium sand	76.13
6.	35 - 38	15	Clay kankar	Medium
7.		3	Fine sand	
8.	38 - 42	4		Medium
9.	42 - 50*	8	Clay kankar	
10.	50 - 59	9	Medium sand	Medium
	59 - 74*	15	Clay kankar	
11.	74 - 76	2	Medium Sand	Medium
12.	76 - 93*		Kankar	TATEGIUM
13.	93 - 107	17	Medium sand	76.11
		14	Clay kankar	Medium



20/05/2024, 17:59 **WQMIS**



Jal Jeevan Mission



District Level Water Analysis Laboratory, U.P Jal Nigam (Rural), ALIGARH

BUILDINGNO 01, ADHIKSHAN ABHIYANTA KARYALAYA, NIRMAN MANDAL, U.P. JAL NIGAM, RAMGHATROAD, ALIGARH ALIGARH,UTTARPRADESH-202001 (Test Address only)

Print

Test report

		1030	тероге	
		Sample ID:	U1485429S200915	93
		User Inf	ormation	
Name:	Kalpataru power transmission limited		Mobile:	6398
Email:	vikas.om@kalpatarugroup.com		Pin	
	matering margaration		Pin Code:	
Full Address:	Village- Arjunai Simrai , Gram Panchayat- A	rjunai Simrai, Block- Alig	ganj, District- Etah, Stat	e- Uttar F
Addi 000.				
		Sample	doscriptio	n
		Sample (descriptio	1 1
Source	Mubarikpur Chhachhana		Village:	Mubar
of Sample:				
0			Disale	6.14
Gram Panchayat:	Mubarikpur Chhachhana		Block:	Sakit
District			Charton	
District:	Etah		State:	Uttar F
Address:			Remarks:	
Latitude:			Longitude:	
		Date & time o	f sample collection	
			4 06:02:00 PM	
		13.03.202	4 00.02.00 FW	
		Date & time of so	ample received in la	b
		16.05.202	4 05:36:00 PM	
		Date & time o	f sample analysed	
		17.05.202	4 05:55:00 PM	
		Date & time o	f report generation	
		20.05.202	4 05:58:16 PM	

20/05/2024, 17:59 WQMIS

Test results

Sr. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
1	Calcium (as Ca)*	mg/I	75	200	35.300	
2	Chloride (as Cl)*	mg/I	250	1000	54.700	
3	Colour*	Hazen units	5	15	1.000	
4	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
5	Fluoride (as F)*	mg/I	1	1.5	0.370	
6	Iron (As Fe)*	mg/I	1	No Relaxation	0.040	
7	Magnesium (As Mg)*	mg/I	30	100	42.700	
8	Nitrate (as NO3)*	mg/I	45	No Relaxation	5.100	
9	рН*	NA	6.5-8.5	No Relaxation	7.910	
10	Sulphate (as SO4)*	mg/I	200	400	23.600	
11	TDS*	mg/I	500	2000	408.000	
12	Total Alkalinity (as Calcium Carbonate)*	mg/I	200	600	196.000	
13	Total Arsenic (As As)	mg/I	0.01	No Relaxation	0.001	
14	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
15	Total Hardness (As CaCO3)*	mg/I	200	600	264.000	
16	Turbidity*	NTU	1	5	0.980	

Note:

- 1)*indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report

Authorised signatory

Shailender rajawat (Test Lab Incharge)

*****This is an electronically generated report and does not require a signature.*****

Jal Jeevan Mission aims at potable tap water supply to every home

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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