

5/c

कार्यालय महाप्रबंधक
मध्य प्रदेश जल निगम मर्यादित
(म.प्र. शासन का उपक्रम)

परियोजना क्रियान्वयन इकाई, सिंगरौली

कार्यालय : कक्ष क्र. 44, प्रथम तल, कलेक्ट्रेट भवन, वैद्वन
(Website: www.mpjalnigam.mp.gov.in)

CIN-U41000MP2012SGC028798
gmpinmsingrauli@gmail.com

क्रमांक 1820 /महा.प्रबं./म.प्र.ज.नि.मर्या./परि.क्रि.ई./2022
प्रति,

दिनांक 10/07/23

वन मण्डल अधिकारी
वन मण्डल सिंगरौली (म.प्र.)

विषय:- गोण्ड देवसर ग्रामीण समूह जल प्रदाय योजना अंतर्गत पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय द्वारा चाही गई जानकारी प्रेषित करने बावत्।

- संदर्भ:-
1. प्रकरण क्रमांक FP/MP/WATER/151448/2022
 2. तकनीकी अधिकारी पत्र क्र0/06 एमपीबी/028/2023-बीएचओ/ दिनांक 28-06-2023.
 3. प्रधान मुख्य वन संरक्षक (भू-प्रबंध), भोपाल का पत्र क्र0 2681 दिनांक 30-06-2023.
 4. इस कार्यालय का पत्र क्र. 1205 दिनांक 04.05.2023

--000--

विषयांतर्गत लेख है कि आपके संदर्भित पत्र क्र.2 के माध्यम से तालिक में वर्णित जानकारी चाही गई थी जो निम्नानुसार है:-

S.No.	Query	Reply
1	Administrative Approval/Sanction letter of the project shall be submitted/uploaded.	Enclosed
2	Complete KML file of layout plan of Forest Area and Non Forest Area (full project KML be submitted/uploaded).	KML file depicting Forest Area and Non Forest Area uploaded in Google Drive. (https://drive.google.com/file/d/12Q6pDXsRLJA7_mrdLpe-n4J2c5MhD7ka/view?usp=drive_web)
3	Justification for location of the project in forest land (counter signed by DFO) shall be submitted/uploaded.	Detailed Justification report Attached.
4	No objection certificates of concerned department (Railway, WRD, TL etc) shall be submitted.	No Objection Certificates from MPRDC and Railways is attached.
5	It is a new pipeline project, alternative alignment of with comparative statement shall be submitted.	It is already shown in Para-D of part-I proposal, where it is clearly mentioned "NO", it means there is no alternative option is available.
6	KML file for alternative alignment shall be submitted/uploaded.	It is already shown in Para-D of part-I proposal, where it is clearly mentioned "NO", it means there is no alternative option is available.
7	Detailed muck calculation and muck disposal scheme as approved by concerned DFO shall be submitted.	Total quantity of excavated material during laying of pipeline will be as follows.

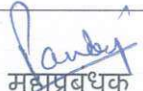


		Calculation- Excavated Volume- (49627x1x1.2)=59552.4 cum Pipe Volume -(3.14x.1x.1x49627)= 1558.2878 cum Backfilled Soil - (59522.4-1558.2878)= 57964.1122 cum Remaining Muck (excavated soil – backfilled soil) = 1558.2878 Note: Excavated soil shall be backfilled and levelled. And Remaining muck (Equal to pipe volume) will be disposed off at available surplus revenue land 3.8 (20.8 – 17) ha. located at village pipri, teh: chitrangi khasra no. 245 allotted to MPJNM.
8	Componenet wise breakeup of land required and component wise area calculation with the layout plan is shall be submitted.	Component wise breakup for 4.9627 ha. of pipeline network uploaded on Parivesh portal Part-1 (Point-B) & Google Drive (https://drive.google.com/file/d/12Q6pDXsRLJA7_mrdLpe-n4J2c5MhD7ka/view?usp=drive_web).
9	As per covering letter of Proposal, the CA is proposed over 20.80 ha but CA scheme is only for 17.00 ha. It shall be clarified.	17 ha CA land is to be provided for the given proposals (Proposals– 144394 - 3.9589 ha. 151757 - 4.8057 ha. 151448 - 4.9627 ha. 154848- 2.9455 ha. Total required Area - 16.6728 ha. But total 17 ha CA land has already been provided to forest.
10	CA Scheme is not uploaded on web portal	CA Scheme Shall be uploaded by DFO Singrauli.
11	As Per the Covering letter, the pipeline is proposed along roadside but as per KML file many of parts of pipeline are not along road.	The Proposed Pipeline is applied under Non-ROW & CA land for the same is provided.
12	As per the DSS analysis, the proposed CA Area has 7.00 ha VDF and 7.00 ha MDF. Rectified CA scheme shall be uploaded.	Comment on CA Scheme & VDF/MDF will be given by DFO Singrauli.
13	The proposed diversion area is part of Elephant corridor, So comments of CWLW M.P. shall be submitted.	Comment to be given by DFO Singrauli
14	As Per the kml of all four proposals (FP/MP/WATER/151757/2022 and FP/MP/WATER/144394/2022 and FP/MP/WATER/154848/2022), it seems that all proposals are co-related to each other. Why a Consolidated proposal is not submitted.	Proposal No. (FP/MP/WATER/154848/2022) is belongs to Waidhan-2 Scheme and Rest 2 Proposals are associated with Gond Devsar MVS for Garvity and Distribution Main Pipeline and All these Proposals are Applied Zone wise.

जानकारी सूचनार्थ एवं आवश्यक कार्यवाही हेतु सादर संप्रेषित है।

पृ. क्रमांक 1821 /महा.प्रबं./म.प्र.ज.नि.मर्या./परि.क्रि.ई./2023
प्रतिलिप:-

1. प्रधान मुख्य वन संरक्षक (भू-प्रबंध),भोपाल की ओर सूचनार्थ प्रेषित।
- 2.ओ.एस.डी., म.प्र. जल निगम मर्यादित भोपाल की ओर सूचनार्थ प्रेषित।


महाप्रबंधक
म.प्र. जल निगम मर्यादित
परि.क्रिया.ई. सिंगरौली
दिनांक 10/07/23


महाप्रबंधक
म.प्र. जल निगम मर्यादित
परि.क्रिया.ई. सिंगरौली

**कार्यालय महाप्रबंधक
मध्य प्रदेश जल निगम मर्यादित**

(म.प्र. शासन का उपक्रम)

परियोजना क्रियान्वयन इकाई, सिंगरौली

कार्यालय : कक्ष क्र. 44, प्रथम तल, कलेक्ट्रेट भवन, वैदुन
(Website: www.mpjalnigam.mp.gov.in)

CIN- U41000MP2012SGC028798
Email- gmsingrauli.mpjn@mp.gov.in

क्रमांक 1205 /महा.प्रबं./म.प्र.ज.नि.मर्या./परि.क्रि.ई./2023
प्रति,

सिंगरौली, दिनांक 04.05.2023

प्रधान मुख्य वन संरक्षक (भू-प्रबंध)
भोपाल, म.प्र.

विषय:- वैदुन-2 एवं गोंड देवसर ग्रामीण समूह जल प्रदाय योजना अंतर्गत वन भूमि पर पाइप लाईन बिछाने की अनुमति।

- संदर्भ:-**
1. प्रकरण क्रमांक- FP/MP/WATER/154588/2022
 2. प्रकरण क्रमांक- FP/MP/WATER/154848/2022
 3. प्रकरण क्रमांक- FP/MP/WATER/151709/2022
 4. प्रकरण क्रमांक- FP/MP/WATER/151757/2022
 5. प्रकरण क्रमांक- FP/MP/WATER/151448/2022

-00--

विषयांतर्गत लेख है कि म0प्र0 जल निगम मर्यादित (म.प्र. शासन का उपक्रम) द्वारा सिंगरौली जिले में वैदुन-2 एवं गोंड देवसर ग्रामीण समूह जल प्रदाय योजना का क्रियान्वयन किया जा रहा है। उपरोक्त योजनांतर्गत वन भूमि पर Pipeline बिछाने का कार्य प्रस्तावित है। इस हेतु वन विभाग के पोर्टल पर ऑनलाईन आवेदन प्रस्तुत किये गए थे, वांछित आवश्यक अभिलेख अनुलग्न-1 संलग्न कर अग्रिम कार्यवाही हेतु प्रस्तुत किया जा रहा है। प्रकरणों की स्थिति निम्नानुसार है:-

क्र.	प्रकरण क्रमांक	योजना का नाम	स्थिति	रिमार्क
1	FP/MP/WATER/154588/2022	वैदुन-2 ग्रामीण समूह जल प्रदाय योजना	RO	प्रकरण RO लेवल पर दर्शित है। आवश्यक कार्यवाही हेतु KML File, वन भूमि एवं गैर वनभूमि की पृथक-पृथक एवं जियो रेफरेंस मैप एवं सर्वे ऑफ इंडिया टोपोशीट गूगल ड्राइव में अपलोड कर लिंक https://drive.google.com/file/d/12Q6pDXsRLJA7_mrdLpe-n4J2c5MhD7ka/view?usp=drive_web के माध्यम से प्रस्तुत किए जा रहे हैं।
2	FP/MP/WATER/154848/2022	वैदुन-2 ग्रामीण समूह जल प्रदाय योजना	RO	प्रकरण RO लेवल पर दर्शित है। आवश्यक कार्यवाही हेतु KML File, वन भूमि एवं गैर वनभूमि की पृथक-पृथक एवं जियो रेफरेंस मैप एवं सर्वे ऑफ इंडिया टोपोशीट गूगल ड्राइव में अपलोड कर लिंक https://drive.google.com/file/d/12Q6pDXsRLJA7_mrdLpe-n4J2c5MhD7ka/view?usp=drive_web के माध्यम से प्रस्तुत किए जा रहे हैं।
3	FP/MP/WATER/151709/2022	वैदुन-2 ग्रामीण समूह जल प्रदाय योजना	RO	प्रकरण RO लेवल पर दर्शित है। आवश्यक कार्यवाही हेतु KML File, वन भूमि एवं गैर वनभूमि की पृथक-पृथक एवं जियो रेफरेंस मैप एवं सर्वे ऑफ इंडिया टोपोशीट गूगल ड्राइव में अपलोड कर लिंक https://drive.google.com/file/d/12Q6pDXsRLJA7_mrdLpe-n4J2c5MhD7ka/view?usp=drive_web के माध्यम से प्रस्तुत किए जा रहे हैं।

क्र.	प्रकरण क्रमांक	योजना का नाम	स्थिति	रिमार्क
4	FP/MP/WATER/ 151757/2022	गोंण्ड देवसर ग्रामीण समूह जल प्रदाय योजना	RO	प्रकरण RO लेवल पर दर्शित है। आवश्यक कार्यवाही हेतु KML File, वन भूमि एवं गैर वनभूमि की पृथक-पृथक एवं जियो रेफरेंस मैप एवं सर्वे ऑफ इंडिया टोपोग्राफिक गुगल ड्राइव में अपलोड कर लिंक https://drive.google.com/file/d/12Q6pDXsRLJA7_mrdLpe-n4J2c5MhD7ka/view?usp=drive_web के माध्यम से प्रस्तुत किए जा रहे हैं।
5	FP/MP/WATER/ 151448/2022	गोंण्ड देवसर ग्रामीण समूह जल प्रदाय योजना	RO	प्रकरण RO लेवल पर दर्शित है। आवश्यक कार्यवाही हेतु KML File, वन भूमि एवं गैर वनभूमि की पृथक-पृथक एवं जियो रेफरेंस मैप एवं सर्वे ऑफ इंडिया टोपोग्राफिक गुगल ड्राइव में अपलोड कर लिंक https://drive.google.com/file/d/12Q6pDXsRLJA7_mrdLpe-n4J2c5MhD7ka/view?usp=drive_web के माध्यम से प्रस्तुत किए जा रहे हैं।

अतः अनुरोध है कि विषयांकित प्रकरणों के संबंध में अग्रिम कार्यवाही करने का कष्ट करें। जल जीवन मिशन शासन की अतिमहत्वाकांक्षी योजना है जिसे समयसीमा में पूर्ण किया जाना है। सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

संलग्न- अनुलग्न-1

महाप्रबंधक

म.प्र. जल निगम मर्यादित
परि. क्रिया. ई. सिंगरौली

दिनांक

क्रमांक /महा.प्रबं./म.प्र.ज.नि.मर्या./परि.क्रि.ई./2023
प्रतिलिपि:-

1. मुख्य वन संरक्षक, रीवा और सूचनार्थ।
2. ओ.एस.डी. परमिशन, मध्यप्रदेश जल निगम मर्या. भोपाल की ओर सूचनार्थ।
3. कलेक्टर एवं अध्यक्ष, जिला जल एवं स्वच्छता समिति सिंगरौली की ओर सूचनार्थ।
4. वन मंडल अधिकारी, सिंगरौली की ओर सूचनार्थ।

महाप्रबंधक

म.प्र. जल निगम मर्यादित
परि.क्रिया. ई. सिंगरौली

कार्यालय प्रधान मुख्य वन संरक्षक (कक्ष भू-प्रबंध), सतपुड़ा भवन, मध्यप्रदेश, भोपाल
क्रमांक/एफ-5/1204/2022/10-11/ 2681 भोपाल, दिनांक 30/06/2023
प्रति,

महाप्रबंधक,
जल निगम मर्यादित, परियोजना क्रियान्वयन इकाई,
सिंगरौली, मध्यप्रदेश।

विषय:- सिंगरौली जिले में गोण्ड देवसर ग्रामीण समूह जल प्रदाय योजना के अंतर्गत ROW में पाईप लाईन बिछाने हेतु 4.9627 हेक्टेयर वनभूमि मध्यप्रदेश जल निगम मर्यादित, सिंगरौली को उपयोग पर देने बाबत। (FP/MP/WATER/151448/2022)

संदर्भ:- भारत सरकार का पत्र क्रमांक/6-MPB 028/2023 BHO दिनांक 28.06.2023

-----0-----

उपरोक्त संदर्भित पत्र का अवलोकन करें, त्वरित संदर्भ हेतु छायाप्रति संलग्न है। भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भोपाल ने प्रकरण में सैद्धांतिक स्वीकृति जारी करने के पूर्व 14 बिन्दुओं पर जानकारी चाही गई है।

अतः प्रकरण में भारत सरकार के चाहे अनुसार जानकारी वन मण्डलाधिकारी के माध्यम से शीघ्र इस कार्यालय को भिजवायें, ताकि प्रकरण में सैद्धांतिक स्वीकृति प्राप्त करने की कार्यवाही की जा सके।

संलग्न:-उपरोक्तानुसार।


(सुनील अग्रवाल)

प्रधान मुख्य वन संरक्षक (भू-प्रबंध)
मध्यप्रदेश, भोपाल

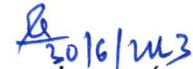
पृ. क्रमांक/एफ-5/1204/2022/10-11/ 2682
प्रतिलिपि:-

भोपाल, दिनांक 30/06/2023

1. मुख्य वन संरक्षक (क्षेत्रीय), रीवा वृत्त, रीवा, मध्यप्रदेश।
2. वनमण्डलाधिकारी, सामान्य वन मण्डल, सिंगरौली, मध्यप्रदेश।

की ओर उपरोक्त संदर्भित पत्र की छायाप्रति संलग्न कर लेख है कि आवेदक संस्थान से जानकारी प्राप्त कर एकजाई जानकारी इस कार्यालय को भिजवायें।

संलग्न-उपरोक्तानुसार।


प्रधान मुख्य वन संरक्षक (भू-प्रबंध)
मध्यप्रदेश, भोपाल



भारत सरकार / GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
एकीकृत क्षेत्रीय कार्यालय, भोपाल / INTEGRATED REGIONAL OFFICE, BHOPAL
Kendriya Paryavaran Bhavan, Link Road No.3, E-5, Ravi Shankar Nagar,
BHOPAL - 462016 (M.P.)



TEL: 0755-2466525 E-mail: rowz.bpl-mef@nic.in

क्रमांक: 6-एमपीबी 028/2023-बीएचओ/

दिनांक : 28/06/2023

प्रति,

प्रधान सचिव (वन)
मध्यप्रदेश शासन,
वल्लभ भवन, भोपाल,
(मध्यप्रदेश)।

विषय: सिंगरौली जिले में गोण्ड देवर ग्रामीण समूह जल प्रदाय योजना के अन्तर्गत ROW में पाईपलाइन बिछाने हेतु 4.9627 हेक्टेयर आरक्षित एवं संरक्षित वनभूमि महाप्रबंधक, जल निगम मर्यादित, परियोजना क्रियान्वयन इकाई सिंगरौली को उपयोग पर देने बाबत।

संदर्भ: नोडल अधिकारी, मध्यप्रदेश का पत्र क्रमांक एफ-5/1204/2022/10-11/1447 दिनांक 11/04/23.

महोदय,

उपरोक्त विषयक एवं संदर्भित पत्र के संदर्भ में अधोहस्ताक्षरी को यह सूचित करने का निर्देश हुआ है कि प्रस्ताव से संबंधित अन्य वांछित जानकारियों/स्पष्टीकरण की आवश्यकता है। अतः निम्नलिखित जानकारियों/ दस्तावेज प्रेषित करने का कष्ट करें :-

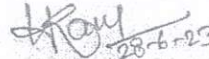
1. Administrative approval/ sanction letter of the project shall be submitted.
2. Full KML file of layout plan of forest area and non forest area (with full project KML file) shall be submitted/uploaded.
3. Justification for location of the project in forest land (counter signed by DFO) shall be submitted/ uploaded.
4. No objection certificates of concerned department (Railway, WRD, Road, TL etc) shall be submitted.
5. It is a new pipeline project, alternative alignment of with comparative statement shall be submitted.
6. KML file for alternative alignment shall be submitted/uploaded.
7. Detailed muck calculation and muck disposal scheme as approved by concerned DFO shall be submitted.
8. Component wise breakup of land required and component wise area calculation with the layout plan shall be submitted.
9. As per covering letter of proposal, the CA area proposed over 20.80 ha but CA scheme is only for 17.00 ha. It shall be clarified.
10. CA scheme is not uploaded on web portal.
11. As per the covering letter, the pipeline is proposed along roadside but as per the KML file many of part of pipeline does not proposed along the road. It shall be rectified.
12. As per the DSS analysis, the proposed CA area have 7.00 ha VDF and 7.00 ha have MDF.
13. The proposed diversion area is part of elephant corridor, so comments of CWLW, M.P. shall be submitted.

I/47364/2023

14. As per the KML of all four proposals (FP/MP/WATER/151448/2022, FP/MP/WATER/151757/2022 and FP/MP/WATER/144394/ 2022 and FP/MP/WATER/154848/2022), it seems that all proposals are co-related to each other. Why a consolidated proposal is not submitted

उपरोक्त जानकारी प्रेषित किये जाने का अनुरोध है जिससे प्रस्ताव में आगामी कार्यवाही की जा सके।

भवदीय


(हरे राम कुमार)

तकनीकी अधिकारी (वानिकी)

प्रतिलिपि: प्रधान मुख्य वन संरक्षक (भू-प्रबंध) एवं नोडल अधिकारी, मध्यप्रदेश शासन, सतपुडा भवन, भोपाल।

Signed by Hare Ram Kumar

Date: 28-06-2023 12:44:51

Reason: Approved

मध्यप्रदेश शासन
लोक स्वास्थ्य यांत्रिकी विभाग
मन्त्रालय, वल्लभ भवन भोपाल-462004

भोपाल, दिनांक 22 SEP 2020

क्रमांक एम 16-21/2020/2/34/(2951)

प्रति,

प्रमुख संचालक
मध्यप्रदेश जल निगम मर्यादित
विन्ध्यचल भवन, भोपाल।

विषय - मध्यप्रदेश जल निगम मर्यादित द्वारा क्रियान्वित की जानेवाली समूह जलप्रदाय योजनाओं की प्रशासकीय स्वीकृति।

संदर्भ - प्रमुख संचालक, मध्यप्रदेश जल निगम मर्यादित, भोपाल का पत्र क्रमांक 6942 दिनांक 29.08.2020।

-0-

राज्य शासन एतद द्वारा मध्यप्रदेश जल निगम मर्यादित द्वारा जल जीवन मिशन के अंतर्गत क्रियान्वित की जानेवाली निम्नानुसार 10 समूह जलप्रदाय योजनाओं की प्रशासकीय स्वीकृति प्रदान करता है -

क्र.	समूह जलप्रदाय योजना का नाम	जिला	लागत (रु. करोड़ में)
1	राजोद	धार	109.50
2	महिया	सागर	336.02
3	आगर मालवा	आगर	557.35
4	गडीखेडा	शिवपुरी	1096.96
5	गोपीकृष्ण सागर	गुना	461.98
6	राजघाट	गुना एवं अशोकनगर	1942.90
7	नेमावर (हाटपिपलिया)	देवास	237.00
8	गौड देवसर	सिंगरौली	470.49
9	वैहन-1	सिंगरौली	637.27
10	वैहन-2	सिंगरौली	261.53
योग			6111.00

2/ योजनाओं का क्रियान्वयन जल जीवन मिशन के मापदण्डों एवं दिशा निर्देशों के अनुसार किया जाये, विस्तृत सर्वेक्षण उपरांत डिजाइन/ड्राईंग तैयार कर करायी जाये तथा योजना पर होने वाले व्यय को स्वीकृत राशि तक सीमित रखा जाये।

3/ यह आदेश मंत्रि-परिषद निर्णय के आइटम क्रमांक-18 दिनांक 15, सितम्बर 2020 के संदर्भ में जारी किया गया है।

4/ दिनांक 03.09.2020 को संपन्न परियोजना परीक्षण समिति की बैठक, तथा दिनांक 18.09.2020 को संपन्न राज्य स्तरीय योजना स्वीकृति समिति की बैठक, में उपरोक्त योजनाओं का अनुमोदन किया गया है। बैठकों के कार्यवाही विवरण (प्रति संलग्न) में दिये गये निर्देशों का पालन सुनिश्चित किया जाये।

संलग्न - उपरोक्तानुसार।

CGM-122/GM(Tech)

मध्यप्रदेश के राज्यपाल के नाम से
तथा 8 दिशानुसार

(राजेश शाक्यवर्मा)
उप सचिव

मध्य प्रदेश शासन

क्रमांक एफ 16-21/2020/2/34/(2952)

भोपाल, दिनांक 22 SEP 2020

तेलिवि-

विज सचिव, गानगीध मंत्रीजी, लोक स्वास्थ्य यात्रिकी विभाग।

सचिव, मध्यप्रदेश शासन, वित्त विभाग।

महालेखाकार, मध्यप्रदेश, ग्वालियर।

प्रमुख अभियंता, लोक स्वास्थ्य यात्रिकी विभाग, म.प्र.भोपाल।

सलाहकार, राज्य योजना आयोग, भोपाल।

मुख्य अभियंता, लोक स्वास्थ्य यात्रिकी विभाग, परिक्षेत्र.....।

आयुक्त, कोष एवं लेखा भोपाल।

संभाग आयुक्त, संभाग.....।

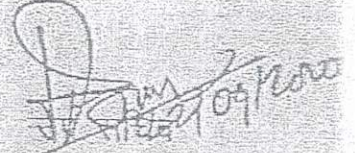
अधीक्षक यंत्री, लोक स्वास्थ्य यात्रिकी विभाग.....मण्डल.....।

0. कलेक्टर, जिला.....।

1. परियोजना निदेशक, मध्यप्रदेश जल निगम मर्यादित, विन्ध्याचल भवन, भोपाल।

2. कार्यपालन यंत्री, लोक स्वास्थ्य यात्रिकी खंड.....।

3. कोषालय अधिकारी, जिला.....।



मध्यप्रदेश शासन

लोक स्वास्थ्य यात्रिकी विभाग

JUSTIFICATION LETTER

Justification Letter for Laying of Clear Water Distribution main under Deosar Block Gond Deosar Multi Village Scheme (Distt. – Singrauli)

Project Name:- Gond Deosar Multi Village Scheme, Distt.- Singrauli.

Project Cast:- INR 360.25 Crores.

Area Served:- 213 Village of Singrauli District and Tapping at Deosar urban under Madhya Pradesh.

Project Scope:- Gond Deosar Multi Village Scheme Project was sanctioned under Jal Jeevan Mission to provide water to All House hold of Village of Singrauli District. The implementing Agency for the project is MP Jal Nigam Limited. After successful completion of the Gond Deosar multi village Scheme 213 village of Block Deosar and sarai of Singrauli District will receive potable drinking water in their homes through a functional tap. The project scope is as follows:-

S No.	Description	UOM	Singrauli District
1	Intake Well cum pump house	MLD	47.27
2	Raw water pumping main	KM	6.408
3	Clear water pumping main	KM	89.425
4	Water treatment plant	MLD	37.95
5	Clear water pipe line / CWGM	KM	455.316
6	Master Balancing Reservoir	Nos.	1
7	Intermediate pumping Station	Nos.	6
8	Over Head Tank / Ground Service Reservoir	Nos.	89
9	Distribution Pipe Line	KM	3250
10	House Service Connection	Nos.	64790

The project scope consists of construction of Intake well, water treatment plant, over head tank and master balancing reservoir at various location across Singrauli district to provide water to the villages habitations. These tanks would be connected with pipe line to transfer and distribute the potable and raw water after topographical survey of pipe line alignment of the entire Singrauli district piping routes. It is found that the some pine line area of deosar and sarai block under forest area. As per Design requirements and topographical compulsions these clear water pipe line are to be laid on these locations, situated in the forest area.



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED

(Govt. of M.P. Undertaking)

OFFICE OF THE DIVISIONAL MANAGER MPRDC DivSidhi

Near MPEB Colony WARD No. 8, DistSidhi (M.P.) Pin No. 486661

E-mail - dm-rewa2@mp.gov.in

Letter No. 2143 /MPRDC/APMS3226/2022

Sidhi, Date:- 11/11/2022

To,

✓ General Manager,
M.P. Jal Nigam Maryadit,
PIU Singrauli (M.P.)

Sub:- Regarding permission for laying pipeline along MP-MDR-12-06 (Jhurai - Sarai road) for Distribution Pipe on LHS from Ch.1+100 to Ch.2+228, Ch.3+600 to Ch.4+963, Ch.4+963 to Ch.6+571, Ch.12+000 to Ch.13+178, Ch.30+117 to Ch.31+440 and on RHS from Ch.3+600 to Ch.5+079, Ch.9+000 to Ch.10+920, Ch.12+438 to Ch.13+800, Ch.16+494 to Ch.18+379, Ch.19+150 to Ch.20+500, Ch.27+900 to Ch.30+116 and for Gravity Main on RHS from Ch.0+000 to Ch.31+440 alongwith 03 road crossings at Ch.1+100, Ch.12+000 and Ch.30+116.

Ref:- 1. Chief General Manager (Admin.), MPRDC Bhopal letter no. 10733/292/OTH/APMS2022/3226/MPRDC/2022, Dated- 16.09.2022.
2. APMS Application No. APMS2022/3226, dated 15.02.2022.

With reference to the letter & subject cited above, proposal submitted for Grant of permission to lay water pipeline along MP-MDR-12-06 (Jhurai - Sarai road) for Distribution Pipe on LHS from Ch.1+100 to Ch.2+228, Ch.3+600 to Ch.4+963, Ch.4+963 to Ch.6+571, Ch.12+000 to Ch.13+178, Ch.30+117 to Ch.31+440 and on RHS from Ch.3+600 to Ch.5+079, Ch.9+000 to Ch.10+920, Ch.12+438 to Ch.13+800, Ch.16+494 to Ch.18+379, Ch.19+150 to Ch.20+500, Ch.27+900 to Ch.30+116 and for Gravity Main on RHS from Ch.0+000 to Ch.31+440 alongwith 03 road crossings at Ch.1+100, Ch.12+000 and Ch.30+116 is approved in-principle with following conditions:-

1. Submission of X-Section at each crossing for crossing the road by HDD method showing depth of ground level and drilling level below road top level.
2. The execution of work will be done as per MoRT&I guidelines and to the satisfaction of this office (Divisional Manager, MPRDC).
3. The work shall be carried strictly in accordance with the provisions of the estimate & approved drawing.
4. Strict adherence to the safety requirements of IRC: SP-55 "Guidelines on Safety in road construction Zone" shall be ensured.
5. The execution of work will be done in accordance with the specification of Concession agreement and no diversion will be constructed.
6. You have to maintain the traffic for smooth movement.
7. The laying of Underground pipeline shall be strictly as per the MORTH Circular dated 22.11.2016 and as per the details indicated in the approved drawing. No change in the approved alignment of Underground pipeline will be entertained. Any deviation will result in automatic cancellation of the permission/approval.
8. All safety measures will be followed by you (GM, M.P. Jal Nigam Maryadit, PIU Singrauli).



General Manager
M.P. Jal Nigam Maryadit
Project Implementation Unit
Singrauli (M.P.)

Contd...2

Manager
for M.P. Jal
Nigam
Maryadit



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED

(Govt. of M.P. Undertaking)

OFFICE OF THE DIVISIONAL MANAGER MPRDC DivSidhi

Near MPEB Colony WARD No. 8, DistSidhi (M.P.) Pin No. 486661

E-mail - dm-rewa2@mp.gov.in

9. It shall be ensured that no cross drainage Structure/Bridge shall be used to convey Underground water supply/Sewerage pipeline. Further, under no circumstances, the pipe line shall be allowed beneath existing carriageway except for road crossing permitted and no digging is permitted within carriageway.
10. All construction work shall be done under supervision of this office (Divisional Manager, MPRDC). This office will issue a completion certificate after completion of the work to the satisfaction of MPRDC.
11. You have to submit "As built drawing after the completion work, within 30 days from date of actual completion of work at site.
12. You will bear all costs related to construction, maintenance and other ancillary expenditure.
13. The road section to be made after completion of work should be in accordance to drawing and to the satisfaction of Divisional Manager, MPRDC. Work is to be carried out between sunrise and sunset.
14. As per IRC 98-2011 sewer lines or water supply lines should be laid at edge of ROW
15. The Guidelines mentioned in the IRC; 98-2011 should be strictly adhered during execution.
16. You will shift the pipeline within given time period from the date of issue of the notice by the MPRDC to shift / relocate the pipeline, in case it is so required for the purpose of improvement/ widening of the road/ route/ highway or construction of flyover/ bridge and restore the road/ land to its original condition at his own cost and risk.
17. Under no circumstances, the already laid Underground Utility (if any) shall be harmed or interrupted due to laying of proposed pipeline. In case, if any damage is caused to any previously laid utility service/s. then you will indemnify MPRDC against any such claim of concerned Agency.
18. The permission shall stand withdrawn automatically in the event of breach of any of the above mentioned conditions are not followed at site.

The Bank Guarantee submitted by you is valid up to 31.03.2023. Please make it sure that if the work is not completed within Bank Guarantee Validity period or stipulated time as per terms of Agreement and this letter, this office may be, informed one month in advance, so that necessary action may be initiated. You may be allowed to undertake the remaining work only after receiving permission from this office as well as the extension of Bank Guarantee.

Encl:-Agreement copy.

Divisional Manager
MPRDC Div. Sidhi (M.P.)

Endt. No...../MPRDC/APMS3224/2022

Sidhi. Date:- / 11 / 2022

Copy to:-

1. The Chief General Manager (Admin.), MPRDC Bhopal for kind information Please.

Divisional Manager
MPRDC Div. Sidhi (M.P.)

General Manager
M.P. Jal Nigam Maryadit
Project Implementation Unit
Singrauli (M.P.)



CIN : U45203MP2004SGC016758

M.P. Road Development Corporation Ltd.

(M.P. State Highway Authority)

(Govt. of M.P. Undertaking)

45-A, Arera Hills, Bhopal-462011

☎ : 0755-2597290 / 2765205 Fax : 0755-2572643, Website : mprdc.gov.in

No. 10737/292/OTH/APMS2022/3225/MPRDC/2022
Bhopal dated 16/09/2022

To,
Divisional Manager,
M.P. Road Development. Cor. Ltd.,
Sidhi.

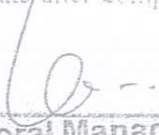
Sub: Regarding permission for laying pipeline along MP-MDR-12-13 (Mahua - Chuwahi road) for Distribution Main on LHS from Ch.0+000 to Ch.1+251, Ch.2+275 to Ch.3+294, Ch.3+569 to Ch.6+536, Ch.8+420 to Ch.9+648 and on RHS from Ch.0+000 to Ch.0+0275, Ch.6+000 to Ch.6+536 and for Gravity Main on RHS from Ch.0+000 to Ch.5+293 and Ch.7+234 to Ch.8+418 alongwith 02 road crossings at Ch.4+628 and Ch.7+234.

Ref: APMS Application No.APMS2022/3225, dated 15.02.2022.

In reference to the above mentioned subject in principle approval is hereby accorded and you are hereby authorized to issue the permission to General Manager, M.P. Jal Nigam Maryadit, PIU Singrauli, regarding permission for laying pipeline along MP-MDR-12-13 (Mahua - Chuwahi road) for Distribution Main on LHS from Ch.0+000 to Ch.1+251, Ch.2+275 to Ch.3+294, Ch.3+569 to Ch.6+536, Ch.8+420 to Ch.9+648 and on RHS from Ch.0+000 to Ch.0+0275, Ch.6+000 to Ch.6+536 and for Gravity Main on RHS from Ch.0+000 to Ch.5+293 and Ch.7+234 to Ch.8+418 alongwith 02 road crossings at Ch.4+628 and Ch.7+234, subject to the fulfillment of following conditions:-

1. Submission of X-Section at each crossing for crossing the road by HDD method showing depth of ground level and drilling level below road top level.
2. The execution of work will be done as per MoRT& H guidelines and to the satisfaction of Divisional Manager, MPRDC.
3. The work shall be carried strictly in accordance with the provisions of the estimate.
4. Strict adherence to the safety requirements of IRC: SP-55 "Guidelines on Safety in road construction Zone" shall be ensured.
5. The execution of work will be done in accordance with the specification of Concession agreement and no diversion will be constructed.
6. General Manager, M.P. Jal Nigam Maryadit, PIU Singrauli, shall maintain the traffic for smooth movement.
7. The laying of Underground pipeline shall be strictly as per the MORTH Circular dated 22.11.2016 and as per the details indicated in the approved drawing. No change in the approved alignment of Underground pipeline will be entertained. Any deviation will result in automatic cancellation of the permission/approval.
8. It shall be ensured that no cross drainage Structure/Bridge shall be used to convey Underground water supply Sewerage pipeline. Further, under no circumstances, the pipe line shall be allowed beneath existing carriageway except for road crossing permitted and no digging is permitted within carriageway.
9. All safety measures will be followed by General Manager, M.P. Jal Nigam Maryadit, PIU Singrauli.
10. All construction work shall be done under supervision of Divisional Manager, MPRDC. Divisional Manager will issue a completion certificate after completion of the work to the satisfaction of MPRDC.

Contd....2


General Manager
M.P. Jal Nigam Maryadit
Project Implementation Unit
Singrauli (M.P.)

11. General Manager, M.P Jal Nigam Maryadit, PIU Singrauli, shall get the approval of drawings and specification from Divisional Manager MPRDC for execution and should submit "As built drawing" after the completion work, within 30 days from date of actual completion of work at site.
12. General Manager, M.P Jal Nigam Maryadit, PIU Singrauli, shall bear all costs related to construction, maintenance and other ancillary expenditure.
13. The road section to be made after completion of work should be in accordance to drawing and to the satisfaction of Divisional Manager, MPRDC. Work is to be carried out between sunrise and sunset.
14. As per IRC 98-2011 sewer lines or water supply lines should be laid at edge of ROW.
15. The Guidelines mentioned in the IRC: 98-2011 should be strictly adhered during execution.
16. General Manager, M.P Jal Nigam Maryadit, PIU Singrauli, shall shift the pipeline within given time period from the date of issue of the notice by the MPRDC to shift/ relocate the pipeline, in case it is so required for the purpose of improvement/ widening of the road/ route/ highway or construction of flyover/ bridge and restore the road/ land to its original condition at his own cost and risk.
17. Under no circumstances, the already laid Underground Utility (if any) shall be harmed or interrupted due to laying of proposed pipeline. In case, if any damage is caused to any previously laid utility service/s, then the General Manager, M.P Jal Nigam Maryadit, PIU Singrauli will indemnify MPRDC against any such claim of concerned Agency.
18. You are also required to execute the Agreement as per MORT&H circular dated 22.11.2016 before allowing the Applicant to start the work.
19. The permission shall stand withdrawn automatically in the event of breach of any of the above mentioned conditions are not followed at site.

The Bank Guarantee submitted by General Manager, M.P Jal Nigam Maryadit, PIU Singrauli is valid up to 03.06.2023. Please make it sure that if the work is not completed within Bank Guarantee Validity period or stipulated time as per terms of Agreement and this letter, this office may be, informed one month in advance, so that necessary action may be initiated. The applicant may be allowed to undertake the remaining work only after receiving permission from this office as well as the extension of Bank Guarantee. Please also ensure before signing agreement that all fee & Charges as per new guide lines are received & B.G. submitted by the General Manager, M.P Jal Nigam Maryadit, PIU Singrauli.

(Pradeep Jain)

Chief General Manager (Admin)

MPRDC, Bhopal

Bhopal, Dated / 5 / 09 / 2022

Encl No. 10738/292/OTH/APMS2022/3225/MPRDC/2022

Copy forwarded to-

1. PA to Managing Director, MPRDC, Bhopal for information please.
2. General Manager, M.P Jal Nigam Maryadit, PIU Singrauli- for information.

Chief General Manager (Admin)

MPRDC, Bhopal

General Manager
M.P. Jal Nigam Maryadit
Project Implementation Unit
Singrauli (M.P.)



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED

(Govt. of M.P. Undertaking)

OFFICE OF THE DIVISIONAL MANAGER MPRDC DivSidhi

Near MPEB Colony WARD No. 8, DistSidhi (M.P.) Pin No. 486661

E-mail - dm-rewa2@mp.gov.in

Letter No. 2145/MPRDC/APMS3225/2022

Sidhi, Date:- 11/11/2022

To,

General Manager,
M.P. Jal Nigam Maryadit,
PIU Singrauli (M.P.)

Sub:- Regarding permission for laying pipeline along MP-MDR-12-13 (Mahua-Chuwahi road) for Distribution Main on LHS from Ch.0+000 to Ch.1+251, Ch.2+275 to Ch.3+294, Ch.3+569 to Ch.6+536, Ch.8+420 to Ch.9+648 and on RHS from Ch.0+000 to Ch.0+0275, Ch.6+000 to Ch.6+536 and for Gravity Main on RHS from Ch.0+000 to Ch.5+293 and Ch.7+234 to Ch.8+418 alongwith 02 road crossings at Ch.4+628 and Ch.7+234.

Ref:- 1. Chief General Manager (Admin.), MPRDC Bhopal letter no. 10737/292/OTH/APMS2022/3225/MPRDC/2022, Dated- 16.09.2022.
2. APMS Application No. APMS2022/3225, dated 15.02.2022.

With reference to the letter & subject cited above, proposal submitted for Grant of permission to lay water pipeline along MP-MDR-12-13 (Mahua Chuwahi road) for Distribution Main on LHS from Ch.0+000 to Ch.1+251, Ch.2+275 to Ch.3+294, Ch.3+569 to Ch.6+536, Ch.8+420 to Ch.9+648 and on RHS from Ch.0+000 to Ch.0+0275, Ch.6+000 to Ch.6+536 and for Gravity Main on RHS from Ch.0+000 to Ch.5+293 and Ch.7+234 to Ch.8+418 alongwith 02 road crossings at Ch.4+628 and Ch.7+234 is approved in-principle with following conditions:-

1. Submission of X-Section at each crossing for crossing the road by HDD method showing depth of ground level and drilling level below road top level.
2. The execution of work will be done as per MoRT&H guidelines and to the satisfaction of this office (Divisional Manager, MPRDC).
3. The work shall be carried strictly in accordance with the provisions of the estimate & approved drawing.
4. Strict adherence to the safety requirements of IRC: SP-55 "Guidelines on Safety in road construction Zone" shall be ensured.
5. The execution of work will be done in accordance with the specification of Concession agreement and no diversion will be constructed.
6. You have to maintain the traffic for smooth movement.
7. The laying of Underground pipeline shall be strictly as per the MORTH Circular dated 22.11.2016 and as per the details indicated in the approved drawing. No change in the approved alignment of Underground pipeline will be entertained. Any deviation will result in automatic cancellation of the permission/approval.
8. It shall be ensured that no cross drainage Structure/Bridge shall be used to convey Underground water supply/Sewerage pipeline. Further, under no circumstances, the pipe line shall be allowed beneath existing carriageway except for road crossing permitted and no digging is permitted within carriageway.
9. All safety measures will be followed by you (GM, M.P. Jal Nigam Maryadit, PIU Singrauli).

Contd...2



General Manager
M.P. Jal Nigam Maryadit
Project Implementation Unit
Singrauli (M.P.)

manu
for M.P.
10



M.P. Road Development Corporation Ltd.

(M.P. State Highway Authority)

(Govt. of M.P. Undertaking)

45-A, Arera Hills, Bhopal-462011

☎ : 0755-2597290 / 2765205 Fax : 0755-2572643, Website : mprdc.gov.in

CIN : U45203MP2004SGC016758



No. 1317/APMS2022/3427/MPRDC/PP/2022
Bhopal, dated 04/11/2022

To,

Divisional Manager,
M.P. Road Development Cor. Ltd.,
Sidhi

Subj:- Permission for constructions & use of approaches/access road for Proposed Retail Outlet on MP-MDR-11-13 (Mahua to Chuwahi road), Ch. 30.080, LHS, KH No. 292/1, Village Rampur, Tehsil Majhoul, Distt. Sidhi. (LOI Holders- Shri Ashwini Kumar Tiwari, Shri Ramlakhan Tiwari and Ku. Pooja Tiwari). "Regarding Demand Note for License Fees".

Ref: 1. Application No. APMS2022/3427, dated 26.07.2022
2. M/s HPCL LOI letter No. JRR/DS/LOI/LOC NO- 392, dated 17.03.2022.

This is in reference to your letter cited above, the Retail Outlet mentioned in subject is approved herewith in-principle and Provisional NOC is granted, subject to the fulfillment of the following conditions: -

1. Pavements of access road including acceleration & deceleration lanes should have 5.50 width and minimum pavement composition of 150 mm thick Granular Sub Base (GSB) overlaid by three layers of Water Bound Macadam (WBM) (other than WBM-Grading No.1), each of 75 mm thickness topped by 50 mm thick Bituminous Macadam (BM) and 25 mm thick Semi Dense Bituminous Carpet (SDBC). Interlocking Concrete Blocks as per IRC: SP:63-2004 can also be considered.
2. All pavement markings should be as per IRC:35-2015.
3. All traffic signs should be as per IRC:67-2012 and IRC:SP-55-2014. In case of a fuel station located on the other side of travel direction, the user should be informed of the location of the fuel station in his/her direction of travel through information sign.
4. All length of Separator Island should be determined as per site condition. Its minimum width should be 3 Metre. The separator island and buffer strip shall be turfed with provision of minimum 275 MM high kerbs.
5. While planning the layout for various facilities inside the fuel station it is to be ensured that the fuel pumps are located minimum at 40 m from the center line of the road.

Contd...2

General Manager
M.P. Jal Nigam Maryadit
Project Implementation Unit
Singrauli (M.P.)



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED

(Govt. of M.P. Undertaking)

OFFICE OF THE DIVISIONAL MANAGER MPRDC Div Sidhi

Near MPEB Colony WARD No. 8, Dist Sidhi (M.P.) Pin No. 486661

E-mail - dm-rewa2@mp.gov.in

10. All construction work shall be done under supervision of this office (Divisional Manager, MPRDC). This office will issue a completion certificate after completion of the work to the satisfaction of MPRDC.
11. You have to submit "As built drawing after the completion work, within 30 days from date of actual completion of work at site.
12. You will bear all costs related to construction, maintenance and other ancillary expenditure.
13. The road section to be made after completion of work should be in accordance to drawing and to the satisfaction of Divisional Manager, MPRDC. Work is to be carried out between sunrise and sunset.
14. As per IRC 98-2011 sewer lines or water supply lines should be laid at edge of ROW
15. The Guidelines mentioned in the IRC: 98-2011 should be strictly adhered during execution.
16. You will shift the pipeline within given time period from the date of issue of the notice by the MPRDC to shift / relocate the pipeline, in case it is so required for the purpose of improvement/ widening of the road/ route/ highway or construction of flyover/ bridge and restore the road/ land to its original condition at his own cost and risk.
17. Under no circumstances, the already laid Underground Utility (if any) shall be harmed or interrupted due to laying of proposed pipeline. In case, if any damage is caused to any previously laid utility service/s. then you will indemnify MPRDC against any such claim of concerned Agency.
18. The permission shall stand withdrawn automatically in the event of breach of any of the above mentioned conditions are not followed at site.

The Bank Guarantee submitted by you is valid up to 31.03.2023. Please make it sure that if the work is not completed within Bank Guarantee Validity period or stipulated time as per terms of Agreement and this letter, this office may be, informed one month in advance, so that necessary action may be initiated. You may be allowed to undertake the remaining work only after receiving permission from this office as well as the extension of Bank Guarantee.

Encl:- Agreement copy.

Divisional Manager
MPRDC Div. Sidhi (M.P.)

Encl. No. /MPRDC/APMS3224/2022

Sidhi, Date:- / 11 / 2022

Copy to:-

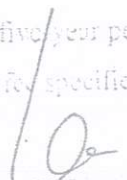
1. The Chief General Manager (Admin.), MPRDC Bhopal for kind information Please.

— Sol —
Divisional Manager
MPRDC Div. Sidhi (M.P.)

General Manager
M.P. Jal Nigam Maryadit
Project Implementation Unit
Singrauli (M.P.)

6. The provision of drinking water and toilet facilities at all fuel stations should be according to the approved drawings and specifications and to the full satisfaction of the Highway Administration. The drinking water and toilet facilities shall be accessible to the public, round the clock. In order to inform the public about these, a retro reflective display board showing availability of such facilities shall be installed before the entry to the fuel Stations.
7. Slab Culverts with gratings to be provided in the line of storm water drain on entry and exit approaches to cater to the expected discharge. The working drawing with hydraulic design shall be submitted to Divisional Manager, MPRDC for approval prior to the construction.
8. It has to be ensured that there shall be adequate drainage system on the access to the fuel station and inside its area so that surface water does not flow over the highway and no water logging takes place. For this purpose, the fuel station and access area would be at least 300 mm. below the level at the edge of the shoulder on the highway. The surface water from fuel station and access road would need to be collected in a suitable underground drainage system and led away to a natural course through culvert.
9. It has to be ensured that there shall be the provision of minimum 2.0 mtr span culvert with iron grating required as per IRC-SP:13-2004 in approaches at building lines.
10. Check the Stability of the abutment walls of the culvert before the execution and submit the details with "as built drawing".
11. The applicant will submit Land Diversion certificate before signing the agreement.
12. If any trees are falling in between proposed service road or Acceleration/Deceleration lane or if any trees are required to be cut for the construction of subjected RO, then the applicant shall seek the permission regarding the same from the concerned department. Divisional Manager, MPRDC shall ensure the re-plantation of the trees as per the applicable rules and shall issue the completion certificate once he/she has inspected the trees planted.
13. Initially the license deed is for a five year period. On the expiry of the lease license, it has to be renewed on payment of fee specified in the licensee deed.

Contd....3


General Manager
M.P. Jai Nigam Maryadit
Project Implementation Unit
Singrauli (M.P.)

The Oil Company/Owner may construct the Fuel Station along with its access as per approved drawings at their own cost within 6 months of the issue of this Provisional NOC. After the construction as per approved drawings and to the satisfaction of the Highway Authority, the final approval may be given within 30 days of the receipt of communication along with the "As Built Drawing" from the applicant about the completion of construction work. License deed may be signed by the Divisional Manager, MPRDC. In case, the construction is not done in one year, the provisional approval shall be deemed to be cancelled, unless renewed by the Highway Authority.

Inspections for determining the deviations from prescribed Norms can be done at any time, even after signing of the License Deed, by the Highway Administration. In case of defaults/deviations found during inspections by Highway Authority, such deficiency shall have to be immediately rectified, which in no case should exceed 30 days from the date of inspection. The failure to rectify the identified deficiencies within the prescribed time would lead to de-energizing the fuel station by the concerned Oil Company. The re-energizing would be done only after rectification and on the authorization by the Highway Authority.

In case of non-compliance of any of the conditions mentioned in this letter, this provisional approval shall deemed to be cancelled.

(This letter shall be a part of agreement)

Encl:-Nil

Pradeep Jain
4/11/22

(Pradeep Jain)

Chief General Manager (Admin.)
MPRDC, Bhopal

Bhopal, Dated 04/11/2022

Encl. No. 13172 /APMS2022/3427/MPRDC/PP/2022
Copy to:-

1. P.A. to Managing Director, MPRDC, Bhopal for information please.
2. Shri. Praveen Kumar, Deputy General Manager-Retail, M/s Hindustan Petroleum Cor. Ltd., Jabalpur for information and necessary action.

Pradeep Jain
4/11/22

Chief General Manager (Admin.)
MPRDC, Bhopal

[Signature]
General Manager
M.P. Jal Nigam Maryadit
Project Implementation Unit
(M.P.)



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED

(Govt. of M.P. Undertaking)

OFFICE OF THE DIVISIONAL MANAGER MPRDC DivSidhi

Near MPEB Colony WARD No. 8, DistSidhi (M.P.) Pin No. 486661

E-mail - dm-rewa2@mp.gov.in

Letter No. 2147/MPRDC/APMS3224/2022

Sidhi, Date:- 11 / 11 / 2022

To,

✓ General Manager,
M.P. Jal Nigam Maryadi,
PIU Singrauli (M.P.)

Sub:- Regarding permission for laying pipeline along MP-MDR-12-12 (Parsauna-Mahua via Barka Road) on LHS from Ch.39+930 to Ch.41+000, Ch.43+000 to Ch.44+180, Ch.44+940 to Ch.46+260, Ch.50+920 to Ch.52+270, Ch.53+000 to Ch.53+990, Ch.57+550 to Ch.60+130, Ch.64+000 to Ch.64+556, Ch.65+000 to Ch.67+310 and on RHS from Ch.36+590 to Ch.38+830, Ch.40+000 to Ch.42+820, Ch.44+180 to Ch.44+940, Ch.48+000 to Ch.50+383, Ch.50+920 to Ch.54+588, Ch.65+530 to Ch.54+588, Ch.65+530 to Ch.67+770, Ch.75+000 to Ch.78+000 and Ch.80+000 to Ch.82+410 alongwith 03 road crossings at Ch.58+200, Ch.64+556 and Ch.70+030.

- Ref:- 1. Chief General Manager (Admin.), MPRDC Bhopal letter no. 10735/291/OTH/APMS2022/3224/MPRDC/2022, Dated- 16.09.2022.
2. APMS Application No. APMS2022/3224, dated 15.02.2022.

-----*****-----
With reference to the letter & subject cited above, proposal submitted for Grant of permission to lay water pipeline along MP-MDR-12-12 (Parsauna-Mahua via Barka) on LHS from Ch.39+930 to Ch.41+000, Ch.43+000 to Ch.44+180, Ch.44+940 to Ch.46+260, Ch.50+920 to Ch.52+270, Ch.53+000 to Ch.53+990, Ch.57+550 to Ch.60+130, Ch.64+000 to Ch.64+556, Ch.65+000 to Ch.67+310 and on RHS from Ch.36+590 to Ch.38+830, Ch.40+000 to Ch.42+820, Ch.44+180 to Ch.44+940, Ch.48+000 to Ch.50+383, Ch.50+920 to Ch.54+588, Ch.65+530 to Ch.54+588, Ch.65+530 to Ch.67+770, Ch.75+000 to Ch.78+000 and Ch.80+000 to Ch.82+410 alongwith 03 road crossings at Ch.58+200, Ch.64+556 and Ch.70+030 is approved in-principle with following conditions:-

1. Submission of X-Section at each crossing for crossing the road by HDD method showing depth of ground level and drilling level below road top level.
2. The execution of work will be done as per MoRT&H guidelines and to the satisfaction of this office (Divisional Manager, MPRDC).
3. The work shall be carried strictly in accordance with the provisions of the estimate & approved drawing.
4. Strict adherence to the safety requirements of IRC: SP-55 "Guidelines on Safety in road construction Zone" shall be ensured.
5. The execution of work will be done in accordance with the specification of Concession agreement and no diversion will be constructed.
6. You have to maintain the traffic for smooth movement
7. The laying of Underground pipeline shall be strictly as per the MORTH Circular dated 22.11.2016 and as per the details indicated in the approved drawing. No change in the approved alignment of Underground pipeline will be entertained. Any deviation will result in automatic cancellation of the permission/approval.

8. All the necessary measures will be followed by you (GM, M.P. Jal Nigam Maryadi, PIU Singrauli).



General Manager
M.P. Jal Nigam Maryadi
Project Implementation Unit
Singrauli (M.P.)

Manager
for
10



MADHYA PRADESH ROAD DEVELOPMENT CORPORATION LIMITED

(Govt. of M.P. Undertaking)

OFFICE OF THE DIVISIONAL MANAGER MPRDC DivSidhi

Near MPEB Colony WARD No. 8, DistSidhi (M.P.) Pin No. 486661

E-mail - dm-rewa2@mp.gov.in

9. It shall be ensured that no cross drainage Structure/Bridge shall be used to convey Underground water supply/Sewerage pipeline. Further, under no circumstances, the pipe line shall be allowed beneath existing carriageway except for road crossing permitted and no digging is permitted within carriageway.
10. All construction work shall be done under supervision of this office (Divisional Manager, MPRDC). This office will issue a completion certificate after completion of the work to the satisfaction of MPRDC.
11. You have to submit "As built drawing after the completion work, within 30 days from date of actual completion of work at site.
12. You will bear all costs related to construction, maintenance and other ancillary expenditure.
13. The road section to be made after completion of work should be in accordance to drawing and to the satisfaction of Divisional Manager, MPRDC. Work is to be carried out between sunrise and sunset.
14. As per IRC 98-2011 sewer lines or water supply lines should be laid at edge of ROW
15. The Guidelines mentioned in the IRC: 98-2011 should be strictly adhered during execution.
16. You will shift the pipeline within given time period from the date of issue of the notice by the MPRDC to shift / relocate the pipeline, in case it is so required for the purpose of improvement/ widening of the road/ route/ highway or construction of flyover/ bridge and restore the road/ land to its original condition at his own cost and risk.
17. Under no circumstances, the already laid Underground Utility (if any) shall be harmed or interrupted due to laying of proposed pipeline. In case, if any damage is caused to any previously laid utility service/s. then you will indemnify MPRDC against any such claim of concerned Agency.
18. The permission shall stand withdrawn automatically in the event of breach of any of the above mentioned conditions are not followed at site.

The Bank Guarantee submitted by you is valid up to 31.03.2023. Please make it sure that if the work is not completed within Bank Guarantee Validity period or stipulated time as per terms of Agreement and this letter, this office may be, informed one month in advance, so that necessary action may be initiated. You may be allowed to undertake the remaining work only after receiving permission from this office as well as the extension of Bank Guarantee.

Encl:-Agreement copy.

Divisional Manager
MPRDC Div. Sidhi (M.P.)

Encl. No...../MPRDC/APMS3224/2022

Sidhi, Date:- /11/2022

Copy to:-

1. The Chief General Manager (Admin.), MPRDC Bhopal for kind information Please.

-sd-
Divisional Manager
MPRDC Div. Sidhi (M.P.)

General Manager
M.P. Jal Nigam Maryadit
Project Implementation Unit
Singrauli (M.P.)



CIN : U45203MP2004SGC016758

M.P. Road Development Corporation Ltd.

(M.P. State Highway Authority)

(Govt. of M.P. Undertaking)

45-A, Arera Hills, Bhopal-462011

☎ : 0755-2597290 / 2765205 Fax : 0755-2572643, Website : mprdc.gov.in

No. ¹⁰⁷³⁸ /291/OTH/APMS2022/3224/MPRDC/2022
Bhopal dated 16/09/2022

To:
Divisional Manager,
M.P. Road Development. Cor. Ltd.,
Sidhi.

Sub: Regarding permission for laying pipeline along Parsona - Mahua via Barka road on LHS from Ch.39+930 to Ch.41+000, Ch.43+000 to Ch.44+180, Ch.44+940 to Ch.46+260, Ch.50+920 to Ch.52+270, Ch.53+000 to Ch.53+990, Ch.57+550 to Ch.60+130, Ch.64+000 to Ch.64+556, Ch.65+000 to Ch.67+310 and on RHS from Ch.36+590 to Ch.38+830, Ch.40+000 to Ch.42+820, Ch.44+180 to Ch.44+940, Ch.48+000 to Ch.50+383, Ch.50+920 to Ch.54+588, Ch.65+530 to Ch.67+770, Ch.75+000 to Ch.78+000 and Ch.80+000 to Ch.82+410 alongwith 03 road crossings at Ch.58+200, Ch.64+556 and Ch.70+030.

Ref: APMS Application No. APMS2022/3224, dated 15.02.2022.

In reference to the above mentioned subject in principle approval is hereby accorded and you are hereby authorized to issue the permission to General Manager, M.P. Jal Nigam Maryadit, PIU Singrauli, regarding permission for laying pipeline along Parsona - Mahua via Barka road on LHS from Ch.39+930 to Ch.41+000, Ch.43+000 to Ch.44+180, Ch.44+940 to Ch.46+260, Ch.50+920 to Ch.52+270, Ch.53+000 to Ch.53+990, Ch.57+550 to Ch.60+130, Ch.64+000 to Ch.64+556, Ch.65+000 to Ch.67+310 and on RHS from Ch.36+590 to Ch.38+830, Ch.40+000 to Ch.42+820, Ch.44+180 to Ch.44+940, Ch.48+000 to Ch.50+383, Ch.50+920 to Ch.54+588, Ch.65+530 to Ch.67+770, Ch.75+000 to Ch.78+000 and Ch.80+000 to Ch.82+410 alongwith 03 road crossings at Ch.58+200, Ch.64+556 and Ch.70+030, subject to the fulfillment of following conditions:-

1. Submission of X-Section at each crossing for crossing the road by HDD method showing depth of ground level and drilling level below road top level.
2. The execution of work will be done as per MoRT&H guidelines and to the satisfaction of Divisional Manager, MPRDC.
3. The work shall be carried strictly in accordance with the provisions of the estimate.
4. Strict adherence to the safety requirements of IRC: SP-55 "Guidelines on Safety in road construction Zone" shall be ensured.
5. The execution of work will be done in accordance with the specification of Concession agreement and no diversion will be constructed.
6. General Manager, M.P. Jal Nigam Maryadit, PIU Singrauli, shall maintain the traffic for smooth movement.
7. The laying of Underground pipeline shall be strictly as per the MORTH Circular dated 22.11.2016 and as per the details indicated in the approved drawing. No change in the approved alignment of Underground pipeline will be entertained. Any deviation will result in automatic cancellation of the permission approval.
8. It shall be ensured that no cross drainage Structure/Bridge shall be used to convey Underground water supply Sewerage pipeline. Further, under no circumstances, the pipe line shall be allowed beneath existing carriageway except for road crossing permitted and no alignment permitted within carriageway.

Contd....2

General Manager

M.P. Jal Nigam Maryadit

Project Implementation Unit

Singrauli (M.P.)

9. All safety measures will be followed by General Manager, M.P Jal Nigam Maryadit, PIU Singrauli.
10. All construction work shall be done under supervision of Divisional Manager, MPRDC. Divisional Manager will issue a completion certificate after completion of the work to the satisfaction of MPRDC.
11. General Manager, M.P Jal Nigam Maryadit, PIU Singrauli, shall get the approval of drawings and specification from Divisional Manager MPRDC for execution and should submit "As built drawing" after the completion work, within 30 days from date of actual completion of work at site.
12. General Manager, M.P Jal Nigam Maryadit, PIU Singrauli, shall bear all costs related to construction, maintenance and other ancillary expenditure.
13. The road section to be made after completion of work should be in accordance to drawing and to the satisfaction of Divisional Manager, MPRDC. Work is to be carried out between sunrise and sunset.
14. As per IRC 98-2011 sewer lines or water supply lines should be laid at edge of ROW.
15. The Guidelines mentioned in the IRC: 98-2011 should be strictly adhered during execution.
16. General Manager, M.P Jal Nigam Maryadit, PIU Singrauli, shall shift the pipeline within given time period from the date of issue of the notice by the MPRDC to shift/ relocate the pipeline. In case it is so required for the purpose of improvement/ widening of the road/ route/ highway or construction of flyover/ bridge and restore the road/ land to its original condition at his own cost and risk.
17. Under no circumstances, the already laid Underground Utility (if any) shall be harmed or interrupted due to laying of proposed pipeline. In case, if any damage is caused to any previously laid utility service/s, then the General Manager, M.P Jal Nigam Maryadit, PIU Singrauli will indemnify MPRDC against any such claim of concerned Agency.
18. You are also required to execute the Agreement as per MORT&H circular dated 22.11.2016 before allowing the Applicant to start the work.
19. The permission shall stand withdrawn automatically in the event of breach of any of the above mentioned conditions are not followed at site.

The Bank Guarantee submitted by General Manager, M.P Jal Nigam Maryadit, PIU Singrauli is valid up to 03.06.2023. Please make it sure that if the work is not completed within Bank Guarantee Validity period or stipulated time as per terms of Agreement and this letter, this office may be, informed one month in advance, so that necessary action may be initiated. The applicant may be allowed to undertake the remaining work only after receiving permission from this office as well as the extension of Bank Guarantee. Please also ensure before signing agreement that all fee & Charges as per new guide lines are received & B.G. submitted by the General Manager, M.P Jal Nigam Maryadit, PIU Singrauli.

(Pradeep Jain)

Chief General Manager (Admin)
MPRDC, Bhopal

Bhopal, Dated 16/09/2022

Encl. No. 10730/291/OTI/APMS2022/3224/MPRDC/2022

Copy forwarded to-

1. PA to Managing Director, MPRDC, Bhopal for information please.
2. General Manager, M.P Jal Nigam Maryadit, PIU Singrauli- for information

Chief General Manager (Admin)
MPRDC, Bhopal

General Manager
M.P. Jal Nigam Maryadit
Project Implementation Unit
Singrauli (M.P.)



कार्यालय महाप्रबंधक

म.प्र. ग्रामीण सड़क विकास प्राधिकरण, परियोजना कियान्वयन इकाई बैदन
जिला- सिंगरौली (म. प्र.)

(एल.आई.जी. कॉलोनी के पास, वार्ड क्र. 37, मकान नं.-1, मनोरमा हाउस, विन्ध्यनगर) E-Mail : gmmprdwaidhan@rediffmail.com

पत्र क्रमांक/1253/तक/2021

प्रति,

बैदन, दिनांक 05/08/2021

महाप्रबंधक

म.प्र. जल निगम मर्यादित

पी.आई.यू. शहडोल

जिला-शहडोल (म.प्र.)

ई-मेल- gmshahdol.mpjalnigam@mp.gov.in

विषय:-Regarding Permission for pipe line Along and Across PMGSY road during execution of Gond Deosar Multi Village Rural Water Supply Scheme Dist. Singrauli.

संदर्भ:- आपका पत्र क्र. 1595/2021/G.M./MPJNM/PIU/ शहडोल दिनांक 20.07.2021

—00—

विषयांतर्गत संदर्भित पत्र द्वारा पी.एम.जी.एस.वाय. के अन्तर्गत निर्मित/निर्माणाधीन मार्गों के समानान्तर एवं क्रॉस होकर पाइप लाइन बिछाने की अनुमति चाही गई है। यह अनुमति पी.एम.जी.एस.वाय. के दिशा निर्देशों के अनुसार प्रदान की जा रही है। शर्तों के अधीन पाइप लाइन बिछाने का कार्य किया जावे। पाइप लाइन बिछाने का कार्य निम्नलिखित शर्तों के अधीन अनुमति प्रदान की जाती है।

- 1 म.प्र. अर्वन डेवलपमेन्ट विभाग Pipe Line सड़क के किनारे अथवा सड़क को क्रॉस करने की स्थिति में, म.प्र. अर्वन डेवलपमेन्ट विभाग द्वारा मार्ग में जहां-जहां Pipe Line बिछाई जाना है संपूर्ण जानकारी लाइन डाइग्राम में अंकित कर MPRRDA के सम्बन्धित महाप्रबंधक कार्यालय को अवगत कराया जावेगा, एवं सम्बन्धित महाप्रबंधक से अनुमति प्राप्त होने के उपरान्त म.प्र. अर्वन डेवलपमेन्ट विभाग कार्य प्रारंभ करा सकेगा।
- 2 Pipe Line को Right of Way के किनारे पर बिछाये जाने की कार्यवाही की जावेगी। जहां Right of Way की चौड़ाई सीमित है, अथवा अन्य कोई स्थाई बाधा या निर्माण है, वहां पर Pipe Line को सड़क की Drain को Clear करते हुए Toe Line के बाहर बिछाया जायेगा।
- 3 Pipe Line को यदि पूर्व निर्मित अथवा निर्माणाधीन रोड को क्रॉस करना आवश्यक है तो उस स्थिति में Pipe Line को जहां तक संभव हो सके वहां सड़क मार्ग में पूर्व निर्मित पुल एवं पुलियों के नीचे से क्रॉस कराये जाने की व्यवस्था की जावे। पूर्व निर्मित पुल पुलियों में Pipe Line बिछाये जाने के कार्य नाला अथवा नदी के Bed Level के नीचे Concrete Casing एवं Concrete Cover के साथ इस प्रकार संपादित कराया जावे कि निर्मित/निर्माणाधीन पुल पुलिया का Designed Water Way में परिवर्तन न हो। यह कार्य कराने की संपूर्ण जबाबदारी म.प्र. अर्वन डेवलपमेन्ट विभाग की होगी। (परन्तु यह अनुमति, हयूम पाइप पुलिया के लिये लागू नहीं होगी) यदि Pipe Line सड़क को क्रॉस कर रही है तो उस स्थिति में Pipe Line के नीचे CC M-15 की 15 Cm bedding के पश्चात Trench को Granular/Crushed Stone Material से भरने के पश्चात् ऊपर Wearing Coat के रूप में 20 CM मोटाई का CC M-30 से कार्य कराना होगा। Pipe Line यदि मार्ग के शोल्डर पर बिछाई जाती है तो बिछाने के पश्चात Trench की Back Filling पुनः Granular/Crushed Stone Material से व्यवस्थित रूप से Watering Compaction के साथ किया जाना आवश्यक होगा।
- 4 Without encasement रोड कटिंग कर पाइप बिछाने की स्थिति में इस बात का विशेष ध्यान रखा जायेगा कि पाइप के ऊपर कम से कम 1.2 मी. का कुशन स्थापित हो तथा पाइप की Trench की भरायी 2 स्तर पर Granular Material से की जाएगी। प्रथम में पाइप के टॉप तक भरायी की समुचित Compaction कर द्वितीय स्तर में मार्ग के GSB स्तर तक भरायी कर समुचित Compaction किया जायेगा।
- 5 सड़क के किनारे Pipe Line बिछाने हेतु जो Trench खोदी जावेगी, उसमें खुदाई से प्राप्त मटेरियल सड़क के Formation Width के ऊपर नहीं डाला जावेगा। विशेष परिस्थितियों में खुदाई से प्राप्त मटेरियल Side Slope, Rain Cut में डाला जा सकेगा। खुदाई से प्राप्त अतिशेष मटेरियल PMGSY के सम्बन्धित कार्यालय के अधिकारियों के निर्देशानुसार Disposal किया जाना आवश्यक होगा।



Forwarded to
M/s L&T
for information
and compliance
06/08/21

- 6 PMGSY की पूर्व निर्मित अथवा निर्माणाधीन सड़क से म.प्र. अर्वन डेवलपमेन्ट विभाग की Pipe Line कौंस करने की स्थिति में सड़क पर यातायात बाधित न हो एवं निर्माणाधीन सड़क में निर्माण गतिविधियाँ प्रभावित नहीं हो इस हेतु Diversion Road निर्धारित चौड़ाई में निर्धारित मापदण्डों के अनुसार म.प्र. अर्वन डेवलपमेन्ट विभाग के अनुबन्धित ठेकेदार द्वारा बनाया जाने का संपूर्ण दायित्व म.प्र. अर्वन डेवलपमेन्ट विभाग का होगा।
- 7 Diversion Road बनाये जाने की स्थिति में मुख्य मार्ग पर उचित अवरोधक, रात्रिकालीन संकेत सूचक व सड़क सुरक्षा इत्यादि व्यवस्थाएँ करने का उत्तरदायित्व म.प्र. अर्वन डेवलपमेन्ट विभाग का होगा।
- 8 Pipe Line क्रॉसिंग का कार्य व Road Restoration का कार्य निर्धारित मापदण्डों अनुरूप पूर्ण होने व इस संबंध में MPRRDA से सम्बन्धित कार्यालय द्वारा संतोषप्रद कार्यपूर्णता सुनिश्चित होने तक Diversion Road के रखरखाव का उत्तरदायित्व म.प्र. अर्वन डेवलपमेन्ट विभाग का होगा। Road restoration का कार्य Road cutting के 15 दिन के अंदर पूर्ण किया जाए साथ ही यातायात सुरक्षा मानकों का भी पालन किया जाएगा। यदि Road Restoration का कार्य समय सीमा में पूर्ण नहीं किया जाता है तो ऐसी स्थिति में MPRRDA अपने संविदाकार से Road Restoration का कार्य पूर्ण करावेगा एवं उस पर आने वाला व्यय का भुगतान नगरीय प्रशासन को करना होगा।
- 9 Pipe Line बिछाने के कार्य में म.प्र. अर्वन डेवलपमेन्ट विभाग के संबंधित ठेकेदार द्वारा यदि कार्य संपादन में कोई त्रुटि या कमी पाई जाती है अथवा कार्यों के संपादन में अनावश्यक विलम्ब किया जाना पाया जाता है तो इस स्थिति में म.प्र. अर्वन डेवलपमेन्ट विभाग द्वारा ठेकेदार के विरुद्ध आवश्यक वैधानिक कार्यवाही करते हुये अपने कार्यालय स्तर से इन कार्यों को पूर्ण कराये जाने की कार्यवाही की जावेगी।
- 10 ठेकेदार का पूर्णता प्रमाण पत्र एवं धरोहर राशि वापस करने के पूर्व MPRRDA से अनापत्ति प्रमाण पत्र प्राप्त किया जाना म.प्र. अर्वन डेवलपमेन्ट विभाग को आवश्यक होगा।

उपरोक्तानुसार शर्तों का पालन करते हुये पानी की पाइप लाइन बिछाने का कार्य सम्पादित कराया जा सकता है। शर्तों के उल्लंघन की स्थिति में अनुमति निरस्त कर आवश्यकतानुसार कार्यवाही की जायेगी, जिसकी सम्पूर्ण जिम्मेदारी आपकी होगी।

(पी.एस. चौहान)

महाप्रबंधक

म.प्र. ग्रामीण सड़क विकास प्राधिकरण
परियोजना क्रियान्वयन इकाई बैङ्क
जिला- सिंगरौली (म.प्र.)

Endt. SL.No. 1824	Dt. 06/08/2021
1. Forwarded to TL SQC	
For Checking/Review/Comment/ Recommendation	
2. Forwarded to M/s. L.B.T. Ltd.	
Scheme. Ind. deo. San. Dist. Singrauli	
For Checking/Review/Comment/Recommendation	


General Manager
Madhya Pradesh Jal Nigam Maryadit
P.O. - SHAHDOL

MUCK DISPOSAL PLAN

Annexure-1.

- 1) KML files for the non forest area and forest area are uploaded along with 4.9627 hacs CA Land uploaded on Parivesh Web Portal.
- 2) Complete plan of water supply & KML depicting all components uploaded on Parivesh Web Portal.
- 3) No Objection Certificates from MPRDC and PMGSY is attached.
- 4) Component wise breakup for 49.627 kms of pipeline network 4.9627 hacs land detail uploaded dated on Parivesh portal along with layout plan attached.
- 5) After laying of pipe line, excavated quantity will be used for filling of trench and levelling purpose, therefore there will be no muck disposed outside.
Excavated Volume- $(49627 \times 1 \times 1.2) = 59,552.4 \text{ cum}$
Pipe Volume – $(3.14 \times 0.1 \times 0.1 \times 49627) = 1,558.2878 \text{ cum}$
Remaining Muck- $(59,552.4 - 1,558.2878) = 57,994.1122 \text{ cum}$
(It Will be used for levelling of Surface)

COMPONENT WISE BREAKUP

Requirement and Topographical compulsions these clear water distributions are to be laid on these locations, situated in the forest area.

Annexure:-

S.N.	Division / Park	District	Compartment Range	Length (km)	Width(m)	Area(Ha.)
1	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 229	131	1	0.0131
2	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 664	28	1	0.0028
3	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 578	110	1	0.011
4	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 664	709	1	0.0709
5	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 665	193	1	0.0193
6	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 230	73	1	0.0073
7	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 246	1209	1	0.1209
8	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 245	804	1	0.0804
9	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 245	29	1	0.0029
10	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 245	54	1	0.0054
11	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 245	47	1	0.0047
12	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 245	31	1	0.0031
13	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 244	792	1	0.0792
14	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 244	64	1	0.0064
15	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 247	58	1	0.0058
16	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 247	77	1	0.0077
17	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 247	155	1	0.0155
18	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 247	275	1	0.0275
19	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 247	156	1	0.0156
20	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 247	41	1	0.0041
21	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 252	125	1	0.0125
22	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 252	70	1	0.007

23	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 253	186	1	0.0186
24	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 253	124	1	0.0124
25	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 253	36	1	0.0036
26	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	160	1	0.016
27	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	241	1	0.0241
28	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	66	1	0.0066
29	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	143	1	0.0143
30	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	48	1	0.0048
31	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	33	1	0.0033
32	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	30	1	0.003
33	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	56	1	0.0056
34	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	161	1	0.0161
35	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	469	1	0.0469
36	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	62	1	0.0062
37	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 239	221	1	0.0221
38	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 233	225	1	0.0225
39	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 233	118	1	0.0118
40	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 233	35	1	0.0035
41	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 233	121	1	0.0121
42	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	169	1	0.0169
43	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	626	1	0.0626
44	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	24	1	0.0024
45	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	24	1	0.0024
46	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 235	80	1	0.0186
47	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	558	1	0.0124
48	CLEAR WATER	SINGRAULI	PF 234	180	1	0.0036

	DISTRIBUTION MAIN					
49	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 234	465	1	0.008
50	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 234	234	1	0.0558
51	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 234	80	1	0.018
52	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 234	15	1	0.0465
53	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 206	361	1	0.0234
54	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 206	62	1	0.008
55	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 206	117	1	0.0015
56	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 206	83	1	0.0361
57	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 206	52	1	0.0062
58	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 206	552	1	0.0117
59	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 206	43	1	0.0083
60	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 206	58	1	0.0052
61	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	1365	1	0.0552
62	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	1983	1	0.0043
63	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	106	1	0.0058
64	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	94	1	0.1365
65	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	266	1	0.1983
66	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	232	1	0.0106
67	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	517	1	0.0094
68	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	124	1	0.0266
69	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	46	1	0.0232
70	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	69	1	0.0517
71	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	32	1	0.0124
72	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	50	1	0.0046
73	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	185	1	0.0069

74	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	94	1	0.0094
75	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	334	1	0.0334
76	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	36	1	0.0036
77	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	85	1	0.0085
78	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	136	1	0.0136
79	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	124	1	0.0124
80	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	48	1	0.0048
81	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	15	1	0.0015
82	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	346	1	0.0346
83	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	53	1	0.0053
84	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	19	1	0.0019
85	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	20	1	0.002
86	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	60	1	0.006
87	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	126	1	0.0126
88	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	57	1	0.0057
89	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	428	1	0.0428
90	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	74	1	0.0074
91	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	71	1	0.0071
92	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	114	1	0.0114
93	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	291	1	0.0291
94	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	156	1	0.0156
95	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	86	1	0.0086
96	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	27	1	0.0027
97	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	69	1	0.0069
98	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	388	1	0.0388
99	CLEAR WATER	SINGRAULI	PF 208	340	1	0.034

	DISTRIBUTION MAIN					
100	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	147	1	0.0147
101	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	153	1	0.0153
102	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	144	1	0.0144
103	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	56	1	0.0056
104	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	89	1	0.0089
105	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	49	1	0.0049
106	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	26	1	0.0026
107	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	272	1	0.0272
108	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	214	1	0.0214
109	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	149	1	0.0149
110	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	33	1	0.0033
111	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	52	1	0.0052
112	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	83	1	0.0083
113	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	30	1	0.003
114	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	210	1	0.021
115	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	38	1	0.0038
116	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	36	1	0.0036
117	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 209	57	1	0.0057
118	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	38	1	0.0038
119	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 208	103	1	0.0103
120	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 206	53	1	0.0053
121	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	52	1	0.0052
122	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	140	1	0.014
123	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	171	1	0.0171
124	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	136	1	0.0136

125	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	176	1	0.0176
126	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	158	1	0.0158
127	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	172	1	0.0172
128	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	43	1	0.0043
129	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	41	1	0.0041
130	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	154	1	0.0154
131	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	26	1	0.0026
132	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	247	1	0.0247
133	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	31	1	0.0031
134	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	67	1	0.0067
135	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	94	1	0.0094
136	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	18	1	0.0018
137	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 211	37	1	0.0037
138	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 211	85	1	0.0085
139	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 211	137	1	0.0137
140	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 213	137	1	0.0137
141	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 213	242	1	0.0242
142	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 213	339	1	0.0339
143	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 213	84	1	0.0084
144	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	503	1	0.0503
145	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	80	1	0.008
146	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	59	1	0.0059
147	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 207	19	1	0.0019
148	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 202	224	1	0.0224
149	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 202	182	1	0.0182
150	CLEAR WATER	SINGRAULI	PF 202	449	1	0.0449

	DISTRIBUTION MAIN					
151	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 202	166	1	0.0166
152	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 202	55	1	0.0055
153	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 202	49	1	0.0049
154	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 202	50	1	0.005
155	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	420	1	0.042
156	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	253	1	0.0253
157	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	203	1	0.0203
158	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	168	1	0.0168
159	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	111	1	0.0111
160	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	503	1	0.0503
161	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	181	1	0.0181
162	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	115	1	0.0115
163	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	49	1	0.0049
164	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	40	1	0.004
165	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	41	1	0.0041
166	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	49	1	0.0049
167	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 201	34	1	0.0034
168	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 121	21	1	0.0021
169	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 121	17	1	0.0017
170	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 121	12	1	0.0012
171	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 121	51	1	0.0051
172	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 121	35	1	0.0035
173	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 116	123	1	0.0123
174	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 121	284	1	0.0284
175	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 121	27	1	0.0027

176	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 121	28	1	0.0028
177	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 121	32	1	0.0032
178	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 120	186	1	0.0186
179	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 120	98	1	0.0098
180	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 119	290	1	0.029
181	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 119	38	1	0.0038
182	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 119	35	1	0.0035
183	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 119	18	1	0.0018
184	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 119	92	1	0.0092
185	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 119	31	1	0.0031
186	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 114	268	1	0.0268
187	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 116	470	1	0.047
188	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 116	282	1	0.0282
189	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 116	38	1	0.0038
190	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 116	188	1	0.0188
191	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 115	548	1	0.0548
192	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 115	267	1	0.0267
193	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 115	105	1	0.0105
194	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 115	123	1	0.0123
195	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 115	172	1	0.0172
196	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 114	430	1	0.043
197	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 114	293	1	0.0293
198	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 116	453	1	0.0453
199	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 116	58	1	0.0058
200	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 114	226	1	0.0226
201	CLEAR WATER	SINGRAULI	PF 114	121	1	0.0121

	DISTRIBUTION MAIN					
202	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 114	52	1	0.0052
203	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	1940	1	0.194
204	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 221	1062	1	0.1062
205	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 221	237	1	0.0237
206	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 221	900	1	0.09
207	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 221	104	1	0.0104
208	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 221	78	1	0.0078
209	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	202	1	0.0202
210	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	461	1	0.0461
211	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	63	1	0.0063
212	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 220	117	1	0.0117
213	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	264	1	0.0264
214	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 219	120	1	0.012
215	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	97	1	0.0097
216	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 219	56	1	0.0056
217	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	92	1	0.0092
218	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	61	1	0.0061
219	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	198	1	0.0198
220	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	118	1	0.0118
221	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	195	1	0.0195
222	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	51	1	0.0051
223	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	91	1	0.0091
224	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 210	27	1	0.0027
225	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 681	431	1	0.0431
226	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 681	132	1	0.0132

227	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 681	592	1	0.0592
228	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	PF 681	80	1	0.008
229	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	854	1	0.0854
230	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	132	1	0.0132
231	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	190	1	0.019
232	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	136	1	0.0136
233	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	400	1	0.04
234	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	185	1	0.0185
235	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	33	1	0.0033
236	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	52	1	0.0052
237	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	29	1	0.0029
238	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	31	1	0.0031
239	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	22	1	0.0022
240	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	906	1	0.0906
241	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	227	1	0.0227
242	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	350	1	0.035
243	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	155	1	0.0155
244	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	69	1	0.0069
245	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	44	1	0.0044
246	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	30	1	0.003
247	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	31	1	0.0031
248	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	97	1	0.0097
249	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	199	1	0.0199
250	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 236	90	1	0.009
251	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	115	1	0.0115
252	CLEAR WATER	SINGRAULI	RF 237	1268	1	0.1268

	DISTRIBUTION MAIN					
253	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	416	1	0.0416
254	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	376	1	0.0376
255	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	138	1	0.0138
256	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	465	1	0.0465
257	CLEAR WATER DISTRIBUTION MAIN	SINGRAULI	RF 237	269	1	0.0269
Total:-					4.9627 ha.	